INSTITUTE FOR SPACE STUDIES

TABLES OF PLANE GALACTIC ORBITS
WITH SPIRAL FIELD

Volume IV

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GODDARD SPACE FLIGHT CENTER
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-30.00	0.0	10.00
-1.0	10.236	-12.56	-16.12	-33.95	-0.83	10.20
-2.0	10.328	-24.71	-1.66	-35.48	-1.60	10.20
-3.0	10.269	-36.82	13.18	-34.75	-2.32	10.00
-4.0	10.057	-49.24	28.35	-31.46	-3.04	9.59
-5.0	9.689	-62.41	43.53	-24.71	-3.76	8.93
-6.0C	9.175	-76.86	56.22	-13.24	-4.50	7.99
-7.0D	8.571	-93.24	59.60	3.26	-5.26	6.77
-8.0	8.006	-112.05	48.64	22.07	-6.02	5.28
-9.0	7.613	-133.27	26.86	37.74	-6.73	3.56
-10.0	7.478	-156.04	-1.22	43.91	-7.28	1.69
-11.0	7.635	-178.76	-28.54	37.43	-7.63	-0.23
-12.0	8.029	-199.89	-46.57	22.11	-7.76	-2.07
-13.0	8.549	-218.74	-53.34	4.70	-7.69	-3.74
-14.0	9.093	-235.37	-51.95	-10.50	-7.48	-5.17
-15.0	9.593	-250.16	-45.28	-22.08	-7.18	-6.36
-16.0D	10.006	-263.58	-34.81	-30.04	-6.82	-7.32
-17.0D	10.296	-276.06	-21.66	-34.89	-6.40	-8.07
-18.0D	10.444	-288.00	-7.04	-37.19	-5.90	-8.62
-19.0D	10.439	-299.77	7.93	-37.32	-5.30	-8.99
-20.0D	10.284	-311.71	22.29	-35.33	-4.59	-9.20
-21.0	9.987	-324.18	35.45	-30.89	-3.73	-9.26
-22.0	9.562	-337.58	47.48	-23.11	-2.71	-9.17
-23.0	9.021	-352.41	57.95	-10.55	-1.49	-8.90
-24.0E	8.400	-369.33	61.37	7.62	-0.08	-8.40
-25.0F	7.825	-388.92	47.92	28.11	1.51	-7.68
-26.0	7.474	-410.99	19.05	42.58	3.20	-6.76
-27.0	7.451	-434.18	-14.33	43.60	4.85	-5.66
-28.0	7.746	-456.53	-41.78	31.02	6.35	-4.44
-29.0	8.265	-476.61	-57.57	11.60	7.62	-3.20
-30.0F	8.883	-494.07	-61.53	-7.45	8.65	-2.04

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-30.00	0.0	10.00
-1.0	10.238	-12.56	-16.43	-34.00	-0.83	10.20
-2.0	10.334	-24.70	-2.34	-35.65	-1.59	10.21
-3.0	10.284	-36.77	12.22	-35.10	-2.32	10.02
-4.0	10.083	-49.14	27.32	-32.03	-3.03	9.62
-5.0	9.724	-62.22	42.91	-25.51	-3.75	8.97
-6.0C	9.211	-76.55	56.63	-14.17	-4.48	8.05
-7.0D	8.598	-92.81	60.86	2.41	-5.23	6.83
-8.0	8.020	-111.53	49.76	21.44	-5.98	5.34
-9.0	7.615	-132.69	28.11	37.47	-6.69	3.63
-10.0	7.465	-155.48	0.60	44.42	-7.25	1.76
-11.0E	7.603	-178.33	-26.70	38.84	-7.60	-0.17
-12.0	7.980	-199.70	-45.21	24.06	-7.72	-2.03
-13.0	8.489	-218.81	-52.55	6.76	-7.63	-3.72
-14.0	9.028	-235.69	-51.93	-8.65	-7.40	-5.17
-15.0	9.534	-250.69	-46.31	-20.68	-7.08	-6.38
-16.0D	9.963	-264.26	-36.94	-29.20	-6.71	-7.37
-17.0D	10.280	-276.82	-24.65	-34.61	-6.28	-8.14
-18.0D	10.461	-288.77	-10.53	-37.44	-5.79	-8.71
-19.0D	10.493	-300.46	4.22	-38.11	-5.22	-9.10
-20.0D	10.376	-312.23	18.52	-36.77	-4.55	-9.33
-21.0	10.118	-324.42	31.68	-33.22	-3.74	-9.40
-22.0	9.731	-337.40	43.84	-26.73	-2.79	-9.32
-23.0	9.223	-351.63	55.51	-15.90	-1.65	-9.07
-24.0E	8.608	-367.75	63.25	0.83	-0.32	-8.60
-25.0F	7.982	-386.44	55.77	21.85	1.20	-7.89
-26.0	7.532	-407.87	29.80	39.65	2.85	-6.97
-27.0	7.397	-431.02	-3.69	45.60	4.50	-5.87
-28.0	7.597	-453.96	-34.00	36.93	6.02	-4.63
-29.0	8.057	-474.97	-53.94	18.73	7.34	-3.33
-30.0	8.660	-493.35	-62.24	-1.36	8.40	-2.09

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-30.00	0.0	10.00
-1.0	10.239	-12.56	-16.75	-34.06	-0.83	10.21
-2.0	10.341	-24.68	-3.02	-35.82	-1.59	10.22
-3.0	10.299	-36.73	11.22	-35.45	-2.32	10.04
-4.0	10.109	-49.03	26.22	-32.61	-3.02	9.65
-5.0	9.760	-62.02	42.14	-26.35	-3.73	9.02
-6.0C	9.250	-76.23	56.88	-15.20	-4.45	8.11
-7.0D	8.629	-92.36	62.14	1.43	-5.19	6.89
-8.0	8.037	-110.96	51.03	20.68	-5.94	5.41
-9.0	7.620	-132.05	29.51	37.13	-6.66	3.71
-10.0	7.452	-154.85	2.60	44.91	-7.22	1.83
-11.0E	7.569	-177.85	-24.72	40.31	-7.57	-0.11
-12.0	7.929	-199.45	-43.80	26.11	-7.68	-1.99
-13.0	8.426	-218.85	-51.71	8.96	-7.57	-3.70
-14.0	8.960	-236.00	-51.74	-6.63	-7.32	-5.17
-15.0	9.468	-251.24	-47.07	-19.06	-6.97	-6.41
-16.0D	9.910	-264.99	-38.84	-28.13	-6.58	-7.41
-17.0D	10.252	-277.66	-27.54	-34.13	-6.14	-8.21
-18.0D	10.466	-289.64	-14.06	-37.51	-5.66	-8.80
-19.0D	10.536	-301.27	0.39	-38.73	-5.11	-9.21
-20.0D	10.459	-312.90	14.62	-38.00	-4.47	-9.45
-21.0	10.241	-324.84	27.78	-35.26	-3.72	-9.54
-22.0	9.895	-337.44	39.89	-29.97	-2.82	-9.48
-23.0	9.425	-351.12	52.01	-20.87	-1.77	-9.26
-24.0E	8.834	-366.45	62.96	-6.05	-0.52	-8.82
-25.0F	8.177	-384.18	62.23	14.57	0.91	-8.13
-26.0	7.635	-404.78	40.69	34.97	2.50	-7.21
-27.0	7.382	-427.63	8.05	45.89	4.13	-6.12
-28.0	7.469	-451.00	-24.27	42.15	5.68	-4.85
-29.0	7.849	-472.94	-48.11	26.43	7.03	-3.50
-30.0	8.414	-492.36	-60.72	6.13	8.13	-2.17

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-30.00	0.0	10.00
-1.0	10.241	-12.55	-17.06	-34.12	-0.83	10.21
-2.0	10.348	-24.67	-3.71	-36.00	-1.59	10.22
-3.0	10.315	-36.68	10.20	-35.80	-2.31	10.05
-4.0	10.136	-48.93	25.04	-33.20	-3.01	9.68
-5.0	9.798	-61.82	41.22	-27.24	-3.71	9.07
-6.0C	9.293	-75.90	56.95	-16.32	-4.43	8.17
-7.0D	8.664	-91.87	63.42	0.31	-5.15	6.96
-8.0	8.058	-110.35	52.46	19.78	-5.90	5.49
-9.0	7.626	-131.35	31.05	36.67	-6.62	3.79
-10.0	7.439	-154.16	4.77	45.37	-7.19	1.92
-11.0E	7.533	-177.29	-22.59	41.83	-7.53	-0.04
-12.0	7.875	-199.16	-42.35	28.28	-7.63	-1.94
-13.0	8.360	-218.85	-50.85	11.27	-7.51	-3.67
-14.0	8.888	-236.29	-51.40	-4.45	-7.23	-5.17
-15.0	9.397	-251.79	-47.55	-17.24	-6.86	-6.42
-16.0	9.849	-265.75	-40.45	-26.83	-6.44	-7.45
-17.0D	10.214	-278.56	-30.26	-33.42	-5.99	-8.27
-18.0D	10.460	-290.59	-17.58	-37.38	-5.51	-8.89
-19.0D	10.568	-302.20	-3.55	-39.15	-4.98	-9.32
-20.0D	10.532	-313.71	10.56	-39.02	-4.37	-9.58
-21.0D	10.356	-325.43	23.73	-37.02	-3.66	-9.69
-22.0	10.051	-337.70	35.76	-32.81	-2.83	-9.65
-23.0	9.624	-350.87	47.80	-25.36	-1.85	-9.45
-24.0	9.070	-365.46	60.56	-12.71	-0.69	-9.04
-25.0E	8.407	-382.21	66.45	6.57	0.65	-8.38
-26.0	7.786	-401.81	51.27	28.57	2.16	-7.48
-27.0	7.412	-424.10	20.51	44.10	3.76	-6.39
-28.0	7.374	-447.63	-12.76	46.03	5.32	-5.11
-29.0	7.653	-470.42	-40.09	34.15	6.69	-3.71
-30.0	8.157	-490.98	-56.81	14.79	7.83	-2.29

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-25.00	0.0	10.00
-1.0	10.248	-12.84	-18.29	-29.24	-0.88	10.21
-2.0	10.372	-25.20	-5.85	-31.30	-1.69	10.23
-3.0	10.366	-37.42	7.05	-31.37	-2.45	10.07
-4.0	10.226	-49.80	20.26	-29.35	-3.19	9.72
-5.0	9.951	-62.69	33.68	-24.68	-3.91	9.15
-6.0	9.540	-76.52	46.30	-16.43	-4.63	8.34
-7.0C	9.019	-91.81	54.14	-3.83	-5.36	7.26
-8.0D	8.472	-109.06	50.67	12.08	-6.07	5.91
-9.0	8.026	-128.49	34.80	27.38	-6.75	4.34
-10.0	7.784	-149.65	11.76	36.89	-7.34	2.59
-11.0	7.792	-171.47	-13.00	36.81	-7.76	0.75
-12.0	8.035	-192.61	-33.35	27.51	-7.96	-1.07
-13.0	8.444	-212.09	-45.28	13.28	-7.97	-2.78
-14.0	8.933	-229.58	-49.10	-1.35	-7.83	-4.31
-15.0	9.428	-245.23	-46.76	-13.79	-7.57	-5.62
-16.0D	9.874	-259.35	-39.77	-23.16	-7.25	-6.71
-17.0D	10.229	-272.35	-29.27	-29.46	-6.86	-7.59
-18.0D	10.464	-284.60	-16.45	-33.14	-6.41	-8.27
-19.0D	10.562	-296.45	-2.55	-34.63	-5.88	-8.77
-20.0D	10.517	-308.24	11.33	-34.17	-5.25	-9.11
-21.0D	10.334	-320.28	24.29	-31.78	-4.50	-9.30
-22.0	10.025	-332.89	35.76	-27.11	-3.62	-9.35
-23.0	9.607	-346.45	45.88	-19.41	-2.57	-9.26
-24.0	9.092	-361.40	54.34	-7.50	-1.34	-8.99
-25.0E	8.516	-378.30	56.52	9.15	0.08	-8.52
-26.0F	7.988	-397.60	43.70	27.43	1.65	-7.82
-27.0	7.673	-419.08	16.33	39.80	3.30	-6.93
-28.0	7.668	-441.46	-15.19	39.80	4.93	-5.88
-29.0	7.963	-462.98	-40.99	27.73	6.41	-4.73
-30.0	8.469	-482.40	-55.89	9.70	7.68	-3.57

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-25.00	0.0	10.00
-1.0	10.249	-12.83	-18.60	-29.30	-0.88	10.21
-2.0	10.378	-25.19	-6.54	-31.47	-1.69	10.24
-3.0	10.381	-37.37	6.03	-31.73	-2.45	10.09
-4.0	10.253	-49.69	19.07	-29.93	-3.18	9.75
-5.0	9.989	-62.49	32.65	-25.54	-3.89	9.20
-6.0	9.586	-76.19	46.05	-17.54	-4.61	8.41
-7.0C	9.061	-91.32	55.17	-5.00	-5.32	7.34
-8.0D	8.499	-108.44	52.39	11.13	-6.03	5.99
-9.0	8.036	-127.77	36.34	26.84	-6.71	4.43
-10.0	7.779	-148.91	13.33	36.93	-7.30	2.69
-11.0	7.769	-170.79	-11.24	37.62	-7.72	0.84
-12.0	7.995	-192.09	-31.76	29.00	-7.93	-1.00
-13.0	8.390	-211.80	-44.21	15.10	-7.94	-2.73
-14.0	8.872	-229.54	-48.80	0.41	-7.78	-4.27
-15.0	9.369	-245.40	-47.50	-12.41	-7.51	-5.60
-16.0D	9.828	-259.68	-41.62	-22.32	-7.17	-6.72
-17.0D	10.207	-272.77	-31.98	-29.20	-6.79	-7.62
-18.0D	10.473	-285.03	-19.63	-33.39	-6.35	-8.32
-19.0D	10.603	-296.82	-5.82	-35.34	-5.85	-8.84
-20.0D	10.591	-308.47	8.19	-35.35	-5.25	-9.20
-21.0D	10.439	-320.29	21.36	-33.51	-4.55	-9.40
-22.0	10.159	-332.60	33.01	-29.61	-3.71	-9.46
-23.0	9.768	-345.74	43.33	-23.01	-2.73	-9.38
-24.0	9.275	-360.12	52.94	-12.50	-1.57	-9.14
-25.0E	8.696	-376.29	58.97	3.16	-0.22	-8.69
-26.0F	8.116	-394.85	51.43	22.31	1.29	-8.01
-27.0	7.706	-415.86	26.34	37.93	2.92	-7.13
-28.0	7.602	-438.30	-6.09	42.12	4.55	-6.09
-29.0	7.818	-460.38	-34.97	32.95	6.07	-4.92
-30.0	8.283	-480.59	-53.91	15.43	7.40	-3.72

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-25.00	0.0	10.00
-1.0	10.251	-12.83	-18.92	-29.36	-0.88	10.21
-2.0	10.385	-25.17	-7.23	-31.65	-1.69	10.25
-3.0	10.397	-37.33	4.98	-32.08	-2.44	10.11
-4.0	10.281	-49.59	17.80	-30.53	-3.17	9.78
-5.0	10.030	-62.29	31.47	-26.44	-3.88	9.25
-6.0	9.635	-75.85	45.56	-18.75	-4.58	8.48
-7.0C	9.109	-90.81	56.05	-6.33	-5.28	7.42
-8.0D	8.532	-107.76	54.25	10.00	-5.98	6.09
-9.0	8.050	-126.98	38.12	26.14	-6.66	4.53
-10.0	7.775	-148.08	15.17	36.90	-7.26	2.79
-11.0	7.745	-170.03	-9.21	38.47	-7.69	0.94
-12.0	7.950	-191.50	-29.94	30.65	-7.90	-0.91
-13.0	8.330	-211.46	-42.94	17.16	-7.89	-2.66
-14.0	8.802	-229.48	-48.25	2.48	-7.72	-4.23
-15.0	9.298	-245.59	-47.95	-10.67	-7.43	-5.59
-16.0	9.768	-260.09	-43.26	-21.14	-7.08	-6.73
-17.0D	10.170	-273.30	-34.68	-28.64	-6.70	-7.65
-18.0D	10.467	-285.61	-22.98	-33.41	-6.27	-8.38
-19.0D	10.633	-297.37	-9.40	-35.86	-5.78	-8.92
-20.0D	10.657	-308.90	4.72	-36.35	-5.22	-9.29
-21.0D	10.539	-320.53	18.15	-35.06	-4.55	-9.51
-22.0D	10.291	-332.56	30.03	-31.88	-3.77	-9.58
-23.0	9.930	-345.30	40.42	-26.33	-2.84	-9.51
-24.0	9.466	-359.14	50.49	-17.29	-1.76	-9.30
-25.0E	8.900	-374.58	59.42	-3.15	-0.49	-8.89
-26.0F	8.285	-392.29	57.99	15.99	0.96	-8.23
-27.0	7.784	-412.62	36.92	34.36	2.54	-7.36
-28.0	7.568	-434.90	4.58	43.10	4.17	-6.32
-29.0	7.687	-457.45	-26.79	37.92	5.72	-5.14
-30.0	8.087	-478.49	-49.67	22.03	7.08	-3.90

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-25.00	0.0	10.00
-1.0	10.252	-12.83	-19.23	-29.41	-0.88	10.21
-2.0	10.392	-25.16	-7.93	-31.83	-1.69	10.25
-3.0	10.413	-37.28	3.92	-32.44	-2.44	10.12
-4.0	10.309	-49.48	16.47	-31.14	-3.16	9.81
-5.0	10.072	-62.09	30.14	-27.38	-3.86	9.30
-6.0	9.689	-75.50	44.81	-20.04	-4.55	8.55
-7.0C	9.164	-90.28	56.72	-7.84	-5.24	7.52
-8.0D	8.572	-107.04	56.21	8.65	-5.93	6.19
-9.0	8.069	-126.11	40.18	25.26	-6.60	4.64
-10.0	7.772	-147.15	17.28	36.76	-7.21	2.91
-11.0	7.720	-169.16	-6.88	39.35	-7.65	1.06
-12.0	7.902	-190.83	-27.87	32.45	-7.86	-0.81
-13.0	8.264	-211.07	-41.45	19.47	-7.85	-2.59
-14.0	8.724	-229.40	-47.45	4.87	-7.66	-4.18
-15.0	9.216	-245.82	-48.06	-8.55	-7.34	-5.57
-16.0	9.693	-260.56	-44.59	-19.55	-6.97	-6.73
-17.0D	10.115	-273.96	-37.26	-27.72	-6.57	-7.69
-18.0D	10.443	-286.37	-26.48	-33.12	-6.14	-8.45
-19.0D	10.648	-298.13	-13.32	-36.14	-5.67	-9.01
-20.0D	10.713	-309.58	0.79	-37.16	-5.13	-9.40
-21.0D	10.634	-321.04	14.49	-36.42	-4.51	-9.63
-22.0D	10.421	-332.80	26.69	-33.93	-3.77	-9.71
-23.0	10.094	-345.17	37.19	-29.36	-2.91	-9.66
-24.0	9.662	-358.49	47.24	-21.81	-1.90	-9.47
-25.0	9.125	-373.22	57.84	-9.56	-0.72	-9.10
-26.0E	8.498	-390.00	62.51	8.58	0.64	-8.47
-27.0F	7.915	-409.45	47.68	28.85	2.16	-7.61
-28.0	7.579	-431.29	16.77	42.21	3.77	-6.58
-29.0	7.579	-454.10	-16.29	42.08	5.33	-5.39
-30.0	7.889	-475.97	-42.80	29.22	6.74	-4.10

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-20.00	0.0	10.00
-1.0	10.259	-13.11	-20.51	-24.55	-0.93	10.22
-2.0	10.416	-25.69	-10.09	-27.16	-1.79	10.26
-3.0	10.464	-38.01	0.89	-28.04	-2.58	10.14
-4.0	10.397	-50.34	12.23	-27.20	-3.33	9.85
-5.0	10.213	-62.97	23.83	-24.37	-4.06	9.37
-6.0	9.909	-76.22	35.42	-18.97	-4.77	8.69
-7.0C	9.493	-90.49	45.46	-10.20	-5.46	7.77
-8.0C	9.000	-106.24	49.50	2.14	-6.13	6.59
-9.0D	8.520	-123.82	42.36	16.24	-6.77	5.17
-10.0	8.169	-143.21	24.94	28.05	-7.35	3.57
-11.0	8.026	-163.81	2.79	33.35	-7.81	1.83
-12.0	8.109	-184.55	-18.64	30.25	-8.11	0.05
-13.0	8.389	-204.38	-34.87	20.36	-8.22	-1.68
-14.0	8.798	-222.63	-43.95	7.42	-8.16	-3.28
-15.0	9.265	-239.12	-46.37	-5.28	-7.99	-4.70
-16.0D	9.728	-254.01	-43.27	-15.84	-7.72	-5.91
-17.0D	10.135	-267.60	-35.74	-23.61	-7.40	-6.93
-18.0D	10.448	-280.23	-24.97	-28.68	-7.01	-7.74
-19.0D	10.639	-292.25	-12.28	-31.44	-6.56	-8.38
-20.0D	10.696	-303.98	1.12	-32.27	-6.02	-8.84
-21.0D	10.617	-315.74	14.18	-31.34	-5.37	-9.16
-22.0D	10.411	-327.81	25.98	-28.62	-4.60	-9.34
-23.0	10.092	-340.50	35.94	-23.82	-3.69	-9.39
-24.0	9.681	-354.14	44.20	-16.33	-2.62	-9.32
-25.0	9.194	-369.11	50.75	-5.25	-1.38	-9.09
-26.0E	8.660	-385.87	52.15	9.80	0.03	-8.66
-27.0F	8.171	-404.79	40.85	26.19	1.59	-8.02
-28.0	7.873	-425.65	15.67	37.31	3.22	-7.18
-29.0	7.867	-447.32	-14.29	37.26	4.83	-6.21
-30.0	8.148	-468.21	-39.27	26.15	6.32	-5.14

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-20.00	0.0	10.00
-1.0	10.261	-13.11	-20.82	-24.60	-0.93	10.22
-2.0	10.423	-25.67	-10.79	-27.33	-1.78	10.27
-3.0	10.480	-37.96	-0.18	-28.40	-2.58	10.16
-4.0	10.425	-50.24	10.89	-27.80	-3.32	9.88
-5.0	10.255	-62.77	22.43	-25.28	-4.04	9.42
-6.0	9.965	-75.88	34.40	-20.22	-4.74	8.76
-7.0C	9.554	-89.96	45.54	-11.73	-5.42	7.87
-8.0C	9.052	-105.50	51.12	0.63	-6.08	6.70
-9.0D	8.550	-122.91	44.79	15.14	-6.71	5.30
-10.0	8.175	-142.21	27.18	27.62	-7.29	3.70
-11.0	8.010	-162.82	4.76	33.71	-7.77	1.96
-12.0	8.075	-183.67	-16.98	31.32	-8.07	0.18
-13.0	8.340	-203.69	-33.76	21.87	-8.19	-1.57
-14.0	8.742	-222.16	-43.63	8.95	-8.14	-3.19
-15.0	9.211	-238.85	-47.05	-4.08	-7.96	-4.63
-16.0D	9.686	-253.89	-45.01	-15.18	-7.70	-5.87
-17.0D	10.115	-267.55	-38.26	-23.53	-7.39	-6.91
-18.0D	10.456	-280.18	-27.81	-29.09	-7.03	-7.74
-19.0D	10.676	-292.13	-15.01	-32.23	-6.60	-8.39
-20.0D	10.759	-303.74	-1.21	-33.36	-6.09	-8.87
-21.0D	10.702	-315.32	12.35	-32.72	-5.48	-9.19
-22.0D	10.511	-327.17	24.60	-30.35	-4.75	-9.38
-23.0	10.205	-339.58	34.82	-26.04	-3.88	-9.44
-24.0	9.805	-352.87	43.23	-19.25	-2.86	-9.38
-25.0	9.324	-367.41	50.62	-8.99	-1.68	-9.17
-26.0E	8.780	-383.66	54.77	5.67	-0.31	-8.77
-27.0F	8.245	-40[illegible] 11	47.09	23.07	1.22	-8.15
-28.0	7.874	-422.74	23.06	36.74	2.85	-7.34
-29.0	7.798	-444.56	-8.40	39.44	4.49	-6.38
-30.0	8.033	-465.91	-36.26	29.80	6.03	-5.31

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-20.00	0.0	10.00
-1.0	10.262	-13.11	-21.13	-24.66	-0.93	10.22
-2.0	10.430	-25.66	-11.50	-27.52	-1.78	10.28
-3.0	10.495	-37.92	-1.27	-28.76	-2.57	10.18
-4.0	10.454	-50.13	9.49	-28.41	-3.31	9.91
-5.0	10.299	-62.56	20.90	-26.21	-4.03	9.48
-6.0	10.023	-75.52	33.12	-21.54	-4.71	8.85
-7.0	9.621	-89.41	45.25	-13.41	-5.39	7.97
-8.0C	9.114	-104.72	52.57	-1.15	-6.03	6.83
-9.0D	8.590	-121.92	47.46	13.74	-6.65	5.44
-10.0	8.187	-141.09	29.86	26.96	-7.23	3.85
-11.0	7.996	-161.68	7.19	33.98	-7.71	2.11
-12.0	8.037	-182.65	-14.85	32.52	-8.03	0.32
-13.0	8.283	-202.89	-32.22	23.68	-8.16	-1.45
-14.0	8.673	-221.63	-42.92	10.90	-8.10	-3.09
-15.0	9.140	-238.58	-47.40	-2.40	-7.92	-4.56
-16.0	9.625	-253.82	-46.56	-14.06	-7.66	-5.83
-17.0D	10.076	-267.61	-40.86	-23.07	-7.35	-6.89
-18.0D	10.446	-280.29	-30.97	-29.21	-7.00	-7.75
-19.0D	10.699	-292.22	-18.19	-32.80	-6.60	-8.42
-20.0D	10.813	-303.73	-4.05	-34.29	-6.12	-8.91
-21.0D	10.782	-315.15	10.07	-33.98	-5.55	-9.25
-22.0D	10.612	-326.79	22.89	-31.96	-4.86	-9.43
-23.0D	10.321	-338.93	33.50	-28.13	-4.04	-9.50
-24.0	9.934	-351.88	42.00	-22.04	-3.07	-9.45
-25.0	9.465	-365.99	49.75	-12.72	-1.93	-9.27
-26.0E	8.920	-381.71	56.13	1.14	-0.62	-8.90
-27.0F	8.350	-399.59	52.77	19.00	0.87	-8.30
-28.0F	7.906	-419.84	31.17	35.06	2.49	-7.50
-29.0	7.749	-441.68	-1.11	40.99	4.14	-6.55
-30.0	7.922	-463.44	-31.60	33.60	5.71	-5.49

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-20.00	0.0	10.00
-1.0	10.264	-13.11	-21.45	-24.72	-0.93	10.22
-2.0	10.436	-25.65	-12.21	-27.70	-1.78	10.28
-3.0	10.511	-37.87	-2.38	-29.12	-2.57	10.19
-4.0	10.483	-50.02	8.04	-29.02	-3.31	9.95
-5.0	10.344	-62.35	19.23	-27.16	-4.01	9.54
-6.0	10.086	-75.16	31.56	-22.92	-4.69	8.93
-7.0	9.696	-88.84	44.54	-15.25	-5.35	8.09
-8.0C	9.187	-103.89	53.74	-3.22	-5.98	6.98
-9.0D	8.641	-120.83	50.34	11.97	-6.58	5.60
-10.0	8.206	-139.83	33.01	26.01	-7.16	4.01
-11.0	7.984	-160.38	10.14	34.13	-7.65	2.29
-12.0	7.997	-181.47	-12.19	33.82	-7.98	0.48
-13.0	8.218	-201.96	-30.18	25.80	-8.11	-1.30
-14.0	8.592	-221.02	-41.74	13.34	-8.06	-2.98
-15.0	9.052	-238.30	-47.27	-0.15	-7.87	-4.48
-16.0	9.542	-253.82	-47.75	-12.36	-7.59	-5.78
-17.0D	10.012	-267.82	-43.39	-22.10	-7.28	-6.87
-18.0D	10.413	-280.61	-34.42	-28.95	-6.94	-7.76
-19.0D	10.704	-292.55	-21.94	-33.11	-6.55	-8.46
-20.0D	10.856	-304.00	-7.58	-35.04	-6.10	-8.98
-21.0D	10.858	-315.29	7.07	-35.11	-5.57	-9.32
-22.0D	10.715	-326.72	20.58	-33.49	-4.92	-9.52
-23.0D	10.445	-338.59	31.75	-30.15	-4.14	-9.59
-24.0	10.074	-351.20	40.45	-24.78	-3.22	-9.54
-25.0	9.621	-364.86	48.22	-16.51	-2.15	-9.38
-26.0	9.086	-380.01	56.11	-3.86	-0.90	-9.04
-27.0E	8.494	-397.21	57.50	13.78	0.54	-8.48
-28.0F	7.977	-416.90	40.14	31.92	2.12	-7.69
-29.0	7.724	-438.58	8.05	41.56	3.77	-6.74
-30.0	7.814	-460.69	-24.76	37.45	5.37	-5.68

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-15.00	0.0	10.00
-1.0	10.271	-13.39	-22.77	-19.87	-0.98	10.22
-2.0	10.462	-26.17	-14.40	-23.05	-1.88	10.29
-3.0	10.563	-38.59	-5.29	-24.74	-2.71	10.21
-4.0	10.568	-50.87	4.28	-25.01	-3.48	9.98
-5.0	10.474	-63.25	14.14	-23.78	-4.21	9.59
-6.0	10.278	-75.97	24.20	-20.77	-4.90	9.03
-7.0	9.980	-89.32	34.17	-15.45	-5.57	8.28
-8.00	9.585	-103.65	42.51	-7.19	-6.21	7.30
-9.00	9.129	-119.35	45.22	4.00	-6.80	6.09
-10.00	8.695	-136.69	37.92	16.32	-7.34	4.66
-11.0	8.386	-155.59	21.34	26.16	-7.81	3.06
-12.0	8.272	-175.45	0.63	29.97	-8.16	1.36
-13.0	8.369	-195.34	-19.01	26.47	-8.36	-0.37
-14.0	8.644	-214.35	-33.86	17.26	-8.40	-2.03
-15.0	9.040	-231.92	-42.36	5.49	-8.30	-3.57
-16.0	9.490	-247.88	-44.67	-6.00	-8.11	-4.93
-17.00	9.935	-262.38	-41.57	-15.51	-7.84	-6.10
-18.00	10.325	-275.69	-34.08	-22.46	-7.51	-7.08
-19.00	10.621	-288.12	-23.51	-26.95	-7.13	-7.87
-20.00	10.800	-299.99	-11.20	-29.34	-6.68	-8.49
-21.00	10.849	-311.62	1.68	-29.96	-6.14	-8.94
-22.00	10.767	-323.28	14.14	-28.97	-5.50	-9.25
-23.00	10.564	-335.26	25.24	-26.35	-4.74	-9.44
-24.00	10.258	-347.82	34.27	-21.93	-3.85	-9.51
-25.0	9.870	-361.25	41.18	-15.30	-2.80	-9.46
-26.0	9.421	-375.87	46.35	-5.83	-1.60	-9.28
-27.0E	8.933	-392.04	48.33	6.94	-0.24	-8.93
-28.0E	8.463	-410.09	41.49	21.61	1.27	-8.37
-29.0F	8.130	-429.98	21.67	33.32	2.86	-7.61
-30.0	8.046	-450.92	-5.84	36.17	4.45	-6.70

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-15.00	0.0	10.00
-1.0	10.272	-13.38	-23.08	-19.93	-0.98	10.23
-2.0	10.469	-26.16	-15.11	-23.24	-1.88	10.30
-3.0	10.579	-38.54	-6.40	-25.11	-2.70	10.23
-4.0	10.598	-50.77	2.83	-25.62	-3.47	10.01
-5.0	10.520	-63.04	12.46	-24.70	-4.19	9.65
-6.0	10.341	-75.61	22.53	-22.08	-4.88	9.12
-7.0	10.057	-88.76	32.99	-17.19	-5.53	8.40
-8.00	9.669	-102.84	42.62	-9.30	-6.16	7.46
-9.00	9.202	-118.25	47.32	1.89	-6.74	6.27
-10.00	8.738	-135.36	41.40	14.79	-7.27	4.85
-11.0	8.392	-154.13	24.85	25.64	-7.73	3.26
-12.0	8.246	-174.02	3.55	30.59	-8.10	1.56
-13.0	8.317	-194.08	-16.95	27.96	-8.31	-0.18
-14.0	8.577	-213.34	-32.88	19.11	-8.37	-1.87
-15.0	8.968	-231.17	-42.60	7.16	-8.28	-3.43
-16.0	9.427	-247.36	-46.17	-4.89	-8.10	-4.83
-17.00	9.893	-261.99	-44.11	-15.11	-7.85	-6.02
-18.00	10.312	-275.35	-37.16	-22.70	-7.55	-7.03
-19.00	10.641	-287.74	-26.54	-27.65	-7.20	-7.84
-20.00	10.848	-299.52	-13.76	-30.35	-6.78	-8.47
-21.00	10.919	-311.00	-0.18	-31.19	-6.28	-8.93
-22.00	10.853	-322.48	13.06	-30.39	-5.68	-9.25
-23.00	10.657	-334.23	24.83	-27.97	-4.96	-9.44
-24.00	10.353	-346.55	34.25	-23.80	-4.10	-9.51
-25.0	9.965	-359.71	41.26	-17.54	-3.09	-9.47
-26.0	9.514	-374.02	46.79	-8.50	-1.92	-9.32
-27.0E	9.014	-389.84	50.35	4.10	-0.59	-8.99
-28.0E	8.510	-407.59	46.09	19.52	0.90	-8.46
-29.0F	8.122	-427.34	27.30	33.06	2.50	-7.73
-30.0	7.987	-448.42	-1.61	37.87	4.13	-6.84

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-15.00	0.0	10.00
-1.0	10.274	-13.38	-23.39	-19.98	-0.98	10.23
-2.0	10.475	-26.14	-15.83	-23.42	-1.88	10.31
-3.0	10.595	-38.50	-7.53	-25.47	-2.70	10.25
-4.0	10.627	-50.66	1.33	-26.23	-3.46	10.05
-5.0	10.566	-62.83	10.67	-25.63	-4.18	9.71
-6.0	10.407	-75.25	20.63	-23.42	-4.85	9.21
-7.0	10.142	-88.19	31.37	-19.04	-5.50	8.52
-8.0	9.765	-101.99	42.14	-11.65	-6.11	7.62
-9.00	9.293	-117.08	49.03	-0.66	-6.67	6.47
-10.00	8.799	-133.88	45.16	12.71	-7.19	5.08
-11.0	8.412	-152.46	29.10	24.68	-7.65	3.50
-12.0	8.224	-172.33	7.33	31.02	-8.03	1.79
-13.0	8.260	-192.56	-14.00	29.63	-8.26	0.04
-14.0	8.495	-212.12	-31.09	21.46	-8.33	-1.67
-15.0	8.875	-230.29	-42.15	9.52	-8.25	-3.27
-16.0	9.337	-246.79	-47.20	-3.04	-8.07	-4.70
-17.00	9.821	-261.67	-46.54	-14.05	-7.82	-5.94
-18.00	10.270	-275.15	-40.53	-22.42	-7.54	-6.97
-19.00	10.635	-287.58	-30.18	-28.00	-7.21	-7.81
-20.00	10.879	-299.31	-17.10	-31.13	-6.83	-8.47
-21.00	10.961	-310.67	-2.85	-32.28	-6.37	-8.95
-22.00	10.937	-321.98	11.21	-31.73	-5.80	-9.27
-23.00	10.756	-333.52	23.83	-29.55	-5.12	-9.46
-24.00	10.459	-345.58	33.86	-25.69	-4.30	-9.53
-25.0	10.074	-358.45	41.08	-19.86	-3.33	-9.51
-26.0	9.624	-372.42	46.74	-11.40	-2.21	-9.37
-27.0	9.120	-387.84	51.56	0.70	-0.91	-9.07
-28.0E	8.589	-405.17	50.35	16.47	0.55	-8.57
-29.0F	8.144	-424.65	33.83	31.80	2.14	-7.86
-30.0	7.943	-445.76	4.23	39.08	3.78	-6.98

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-15.00	0.0	10.00
-1.0	10.275	-13.38	-23.71	-20.04	-0.98	10.23
-2.0	10.482	-26.13	-16.55	-23.60	-1.88	10.31
-3.0	10.612	-38.45	-8.68	-25.84	-2.70	10.26
-4.0	10.657	-50.55	-0.22	-26.85	-3.45	10.08
-5.0	10.614	-62.62	8.79	-26.57	-4.16	9.77
-6.0	10.475	-74.89	18.52	-24.80	-4.83	9.30
-7.0	10.232	-87.61	29.32	-20.98	-5.46	8.65
-8.0	9.872	-101.11	40.94	-14.23	-6.05	7.80
-9.00	9.402	-115.83	50.11	-3.67	-6.61	6.69
-10.00	8.883	-132.25	49.04	10.00	-7.11	5.33
-11.0	8.448	-150.55	34.12	23.13	-7.56	3.76
-12.0	8.209	-170.35	12.08	31.13	-7.94	2.07
-13.0	8.201	-190.73	-10.04	31.37	-8.20	0.30
-14.0	8.401	-210.63	-28.31	24.29	-8.28	-1.44
-15.0	8.760	-229.24	-40.80	12.67	-8.20	-3.08
-16.0	9.216	-246.17	-47.46	-0.27	-8.01	-4.55
-17.00	9.712	-261.39	-48.58	-12.11	-7.76	-5.83
-18.00	10.190	-275.12	-44.09	-21.45	-7.48	-6.91
-19.00	10.596	-287.68	-34.53	-27.86	-7.17	-7.80
-20.00	10.884	-299.42	-21.46	-31.62	-6.82	-8.48
-21.00	11.029	-310.71	-6.70	-33.21	-6.39	-8.99
-22.00	11.021	-321.85	8.20	-33.02	-5.87	-9.33
-23.00	10.866	-333.18	21.83	-31.19	-5.23	-9.52
-24.00	10.584	-344.96	32.79	-27.72	-4.45	-9.60
-25.0	10.207	-357.50	40.47	-22.41	-3.53	-9.57
-26.0	9.763	-371.07	46.19	-14.70	-2.46	-9.45
-27.0	9.262	-386.01	51.82	-3.47	-1.22	-9.18
-28.0E	8.713	-402.78	53.98	12.06	0.20	-8.71
-29.0F	8.208	-421.79	41.53	29.02	1.76	-8.02
-30.0	7.922	-442.75	12.53	39.45	3.40	-7.15

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-10.00	0.0	10.00
-1.0	10.283	-13.66	-25.07	-15.20	-1.03	10.23
-2.0	10.508	-26.65	-18.76	-18.99	-1.97	10.32
-3.0	10.663	-39.16	-11.48	-21.48	-2.84	10.28
-4.0	10.741	-51.39	-3.56	-22.78	-3.63	10.11
-5.0	10.735	-63.52	4.75	-22.91	-4.36	9.81
-6.0	10.643	-75.76	13.28	-21.79	-5.04	9.37
-7.0	10.463	-88.30	21.99	-19.21	-5.69	8.78
-8.0	10.193	-101.40	30.72	-14.73	-6.29	8.02
-9.0	9.837	-115.34	38.54	-7.82	-6.85	7.06
-10.0C	9.417	-130.46	42.55	1.72	-7.35	5.88
-11.0D	8.995	-147.02	38.51	12.80	-7.79	4.50
-12.0	8.662	-165.05	25.14	22.56	-8.15	2.94
-13.0	8.500	-184.14	6.18	27.63	-8.40	1.29
-14.0	8.537	-203.49	-13.23	26.17	-8.53	-0.41
-15.0	8.758	-222.24	-29.12	18.91	-8.51	-2.06
-16.0	9.114	-239.78	-39.39	8.43	-8.38	-3.59
-17.0	9.543	-255.83	-43.63	-2.52	-8.15	-4.97
-18.0D	9.987	-270.46	-42.28	-12.00	-7.86	-6.16
-19.0D	10.392	-283.86	-36.25	-19.18	-7.53	-7.16
-20.0D	10.717	-296.34	-26.83	-24.01	-7.15	-7.98
-21.0C	10.934	-308.20	-15.40	-26.81	-6.72	-8.62
-22.0C	11.029	-319.72	-3.09	-27.90	-6.22	-9.11
-23.0C	10.997	-331.18	9.13	-27.48	-5.63	-9.45
-24.0D	10.845	-342.83	20.38	-25.62	-4.93	-9.66
-25.0D	10.587	-354.94	29.75	-22.24	-4.11	-9.76
-26.0	10.245	-367.74	36.70	-17.15	-3.15	-9.75
-27.0	9.844	-381.51	41.44	-10.00	-2.06	-9.63
-28.0	9.404	-396.50	44.33	-0.34	-0.82	-9.37
-29.0E	8.949	-413.01	43.53	11.83	0.56	-8.93
-30.0E	8.543	-431.23	34.07	24.56	2.05	-8.29

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-10.00	0.0	10.00
-1.0	10.284	-13.66	-25.38	-15.26	-1.03	10.23
-2.0	10.515	-26.63	-19.48	-19.18	-1.97	10.33
-3.0	10.680	-39.11	-12.62	-21.85	-2.83	10.30
-4.0	10.771	-51.28	-5.09	-23.39	-3.62	10.14
-5.0	10.782	-63.32	2.89	-23.81	-4.34	9.87
-6.0	10.711	-75.40	11.20	-23.08	-5.02	9.46
-7.0	10.552	-87.74	19.87	-20.96	-5.65	8.91
-8.0	10.303	-100.57	28.97	-17.05	-6.24	8.20
-9.0	9.960	-114.16	37.98	-10.71	-6.79	7.29
-10.0C	9.534	-128.87	44.34	-1.43	-7.28	6.16
-11.0D	9.079	-145.05	42.92	10.11	-7.70	4.81
-12.0D	8.694	-162.82	30.73	21.18	-8.06	3.27
-13.0	8.475	-181.87	11.37	28.00	-8.32	1.61
-14.0	8.466	-201.41	-9.31	28.09	-8.47	-0.10
-15.0	8.655	-220.52	-26.93	21.67	-8.47	-1.78
-16.0	8.998	-238.46	-39.10	11.15	-8.35	-3.36
-17.0	9.434	-254.89	-45.19	-0.46	-8.14	-4.78
-18.0D	9.902	-269.78	-45.36	-10.91	-7.87	-6.01
-19.0D	10.344	-283.33	-40.21	-19.00	-7.56	-7.06
-20.0D	10.710	-295.85	-30.91	-24.51	-7.22	-7.91
-21.0C	10.967	-307.64	-19.01	-27.77	-6.82	-8.59
-22.0C	11.095	-319.03	-5.90	-29.17	-6.36	-9.09
-23.0C	11.087	-330.31	7.29	-28.98	-5.82	-9.44
-24.0D	10.949	-341.73	19.54	-27.31	-5.16	-9.66
-25.0D	10.695	-353.58	29.78	-24.13	-4.38	-9.76
-26.0D	10.350	-366.11	37.21	-19.28	-3.47	-9.75
-27.0	9.942	-379.57	42.13	-12.45	-2.41	-9.65
-28.0	9.493	-394.24	45.57	-3.08	-1.20	-9.42
-29.0	9.018	-410.42	46.54	9.24	0.16	-9.02
-30.0E	8.569	-428.41	39.32	23.13	1.65	-8.41

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-10.00	0.0	10.00
-1.0	10.286	-13.66	-25.70	-15.32	-1.03	10.23
-2.0	10.522	-26.62	-20.21	-19.36	-1.97	10.34
-3.0	10.696	-39.07	-13.79	-22.22	-2.83	10.32
-4.0	10.801	-51.17	-6.66	-24.00	-3.61	10.18
-5.0	10.831	-63.11	0.96	-24.72	-4.33	9.93
-6.0	10.780	-75.05	8.98	-24.37	-4.99	9.55
-7.0	10.645	-87.18	17.47	-22.75	-5.61	9.05
-8.0	10.421	-99.72	26.65	-19.47	-6.19	8.38
-9.0	10.098	-112.94	36.47	-13.86	-6.72	7.53
-10.0C	9.678	-127.20	45.07	-5.17	-7.20	6.46
-11.0C	9.199	-142.89	47.06	6.49	-7.61	5.16
-12.0D	8.757	-160.27	37.19	18.80	-7.96	3.65
-13.0	8.470	-179.16	18.00	27.67	-8.23	2.00
-14.0	8.397	-198.84	-3.74	29.90	-8.39	0.28
-15.0	8.538	-218.33	-23.11	24.95	-8.42	-1.44
-16.0	8.853	-236.80	-37.38	14.89	-8.31	-3.06
-17.0	9.282	-253.75	-45.67	2.80	-8.10	-4.54
-18.0D	9.766	-269.07	-47.98	-8.68	-7.83	-5.83
-19.0D	10.244	-282.92	-44.45	-17.92	-7.54	-6.94
-20.0D	10.658	-295.58	-35.89	-24.40	-7.22	-7.84
-21.0C	10.966	-307.40	-23.89	-28.35	-6.86	-8.56
-22.0C	11.141	-318.71	-10.14	-30.24	-6.44	-9.09
-23.0C	11.172	-329.83	4.01	-30.42	-5.94	-9.46
-24.0C	11.062	-341.03	17.42	-29.07	-5.33	-9.69
-25.0D	10.823	-352.59	28.83	-26.20	-4.60	-9.80
-26.0D	10.482	-364.79	37.16	-21.72	-3.74	-9.79
-27.0	10.073	-377.89	42.45	-15.35	-2.73	-9.70
-28.0	9.619	-392.14	46.23	-6.54	-1.56	-9.49
-29.0	9.131	-407.87	48.85	5.48	-0.24	-9.13
-30.0E	8.642	-425.42	44.95	20.15	1.22	-8.56

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-10.00	0.0	10.00
-1.0	10.287	-13.65	-26.01	-15.38	-1.03	10.24
-2.0	10.528	-26.61	-20.94	-19.55	-1.97	10.34
-3.0	10.713	-39.02	-14.97	-22.60	-2.82	10.33
-4.0	10.832	-51.06	-8.27	-24.61	-3.60	10.22
-5.0	10.880	-62.90	-1.02	-25.64	-4.31	9.99
-6.0	10.852	-74.69	6.66	-25.66	-4.96	9.65
-7.0	10.742	-86.61	14.84	-24.53	-5.57	9.18
-8.0	10.545	-98.87	23.85	-21.93	-6.14	8.58
-9.0	10.250	-111.70	33.99	-17.19	-6.66	7.79
-10.0	9.849	-125.46	44.36	-9.41	-7.13	6.80
-11.0C	9.358	-140.57	50.24	1.90	-7.53	5.56
-12.0D	8.863	-157.40	44.20	15.15	-7.86	4.10
-13.0	8.496	-175.97	26.17	26.25	-8.13	2.46
-14.0	8.342	-195.68	3.70	31.21	-8.31	0.74
-15.0	8.415	-215.56	-17.34	28.55	-8.35	-1.01
-16.0	8.681	-234.64	-33.79	19.65	-8.25	-2.69
-17.0	9.086	-252.27	-44.51	7.52	-8.04	-4.24
-18.0	9.572	-268.23	-49.46	-4.90	-7.76	-5.60
-19.0D	10.078	-282.57	-48.48	-15.53	-7.46	-6.78
-20.0D	10.543	-295.55	-41.67	-23.36	-7.14	-7.75
-21.0C	10.915	-307.53	-30.30	-28.35	-6.81	-8.53
-22.0C	11.154	-318.85	-16.29	-30.99	-6.43	-9.12
-23.0C	11.244	-329.84	-1.31	-31.76	-5.98	-9.53
-24.0C	11.182	-340.82	13.31	-30.90	-5.43	-9.78
-25.0D	10.978	-352.08	26.24	-28.52	-4.76	-9.89
-26.0D	10.656	-363.89	36.05	-24.56	-3.95	-9.90
-27.0	10.253	-376.52	42.21	-18.86	-3.01	-9.80
-28.0	9.800	-390.24	46.24	-10.92	-1.91	-9.61
-29.0	9.308	-405.34	50.06	0.19	-0.66	-9.28
-30.0E	8.787	-422.21	50.31	14.92	0.75	-8.76

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-5.00	0.0	10.00
-1.0	10.295	-13.93	-27.42	-10.55	-1.08	10.24
-2.0	10.555	-27.12	-23.17	-14.97	-2.07	10.35
-3.0	10.765	-39.72	-17.68	-18.26	-2.97	10.35
-4.0	10.914	-51.89	-11.28	-20.51	-3.78	10.24
-5.0	10.994	-63.80	-4.28	-21.78	-4.51	10.02
-6.0	11.000	-75.60	3.05	-22.09	-5.19	9.70
-7.0	10.931	-87.45	10.54	-21.43	-5.80	9.26
-8.0	10.784	-99.53	18.12	-19.65	-6.38	8.70
-9.0	10.560	-112.02	25.80	-16.47	-6.90	7.99
-10.0	10.257	-125.16	33.39	-11.46	-7.39	7.12
-11.0C	9.881	-139.22	39.66	-4.15	-7.81	6.06
-12.0C	9.461	-154.48	41.43	5.40	-8.16	4.79
-13.0D	9.062	-171.16	34.98	15.78	-8.42	3.35
-14.0	8.774	-189.16	20.16	24.05	-8.60	1.76
-15.0	8.664	-207.98	1.10	27.28	-8.66	0.10
-16.0	8.750	-226.84	-17.44	24.31	-8.61	-1.56
-17.0	9.007	-244.95	-32.01	16.36	-8.44	-3.15
-18.0	9.385	-261.80	-40.97	6.01	-8.18	-4.61
-19.0D	9.825	-277.21	-44.06	-4.24	-7.86	-5.90
-20.0D	10.268	-291.27	-41.75	-12.82	-7.50	-7.01
-21.0D	10.664	-304.21	-35.09	-19.13	-7.12	-7.94
-22.0C	10.975	-316.30	-25.43	-23.28	-6.72	-8.68
-23.0C	11.178	-327.84	-14.11	-25.62	-6.27	-9.26
-24.0C	11.262	-339.09	-2.12	-26.43	-5.76	-9.68
-25.0C	11.222	-350.30	9.72	-25.89	-5.17	-9.96
-26.0D	11.066	-361.72	20.62	-24.04	-4.49	-10.11
-27.0D	10.807	-373.58	29.66	-20.82	-3.70	-10.15
-28.0D	10.468	-386.11	36.14	-16.10	-2.78	-10.09
-29.0	10.077	-399.54	40.07	-9.66	-1.73	-9.93
-30.0	9.655	-414.09	42.06	-1.20	-0.54	-9.64

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-5.00	0.0	10.00
-1.0	10.297	-13.93	-27.73	-10.61	-1.08	10.24
-2.0	10.562	-27.11	-23.91	-15.16	-2.07	10.36
-3.0	10.781	-39.68	-18.85	-18.64	-2.96	10.37
-4.0	10.944	-51.79	-12.86	-21.11	-3.77	10.27
-5.0	11.042	-63.59	-6.20	-22.65	-4.50	10.08
-6.0	11.070	-75.25	0.86	-23.29	-5.16	9.79
-7.0	11.024	-86.91	8.14	-23.02	-5.77	9.40
-8.0	10.903	-98.73	15.58	-21.74	-6.32	8.88
-9.0	10.704	-110.89	23.32	-19.20	-6.84	8.24
-10.0	10.424	-123.61	31.46	-14.97	-7.31	7.44
-11.0	10.061	-137.14	39.43	-8.41	-7.72	6.45
-12.0C	9.628	-151.83	44.50	0.85	-8.07	5.26
-13.0D	9.178	-167.96	41.71	12.03	-8.33	3.86
-14.0D	8.810	-185.61	28.64	22.34	-8.50	2.30
-15.0	8.615	-204.43	9.05	28.22	-8.59	0.64
-16.0	8.628	-223.62	-11.42	27.52	-8.56	-1.06
-17.0	8.837	-242.30	-28.66	20.70	-8.41	-2.70
-18.0	9.196	-259.80	-40.49	10.22	-8.16	-4.23
-19.0D	9.644	-275.79	-46.26	-1.06	-7.85	-5.60
-20.0D	10.121	-290.28	-46.08	-10.99	-7.51	-6.78
-21.0D	10.569	-303.48	-40.59	-18.54	-7.16	-7.77
-22.0C	10.938	-315.68	-31.12	-23.61	-6.79	-8.58
-23.0C	11.197	-327.19	-19.28	-26.59	-6.38	-9.20
-24.0C	11.329	-338.32	-6.38	-27.86	-5.92	-9.66
-25.0C	11.328	-349.33	6.61	-27.67	-5.39	-9.96
-26.0C	11.196	-360.47	18.82	-26.11	-4.77	-10.13
-27.0D	10.949	-372.01	29.19	-23.17	-4.03	-10.18
-28.0D	10.609	-384.18	36.71	-18.74	-3.16	-10.13
-29.0	10.208	-397.23	41.20	-12.64	-2.15	-9.98
-30.0	9.773	-411.38	43.65	-4.49	-1.01	-9.72

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-5.00	0.0	10.00
-1.0	10.298	-13.93	-28.05	-10.67	-1.08	10.24
-2.0	10.569	-27.09	-24.64	-15.34	-2.07	10.36
-3.0	10.798	-39.63	-20.04	-19.01	-2.96	10.39
-4.0	10.975	-51.68	-14.47	-21.71	-3.76	10.31
-5.0	11.092	-63.38	-8.16	-23.52	-4.48	10.15
-6.0	11.141	-74.90	-1.37	-24.47	-5.13	9.89
-7.0	11.119	-86.37	5.68	-24.58	-5.73	9.53
-8.0	11.024	-97.94	12.92	-23.77	-6.27	9.07
-9.0	10.853	-109.77	20.48	-21.87	-6.77	8.49
-10.0	10.603	-122.06	28.68	-18.48	-7.23	7.76
-11.0	10.264	-135.06	37.58	-12.94	-7.63	6.86
-12.0C	9.837	-149.09	45.56	-4.51	-7.97	5.76
-13.0C	9.353	-164.52	47.54	6.79	-8.23	4.44
-14.0D	8.904	-181.61	38.12	18.85	-8.41	2.92
-15.0	8.606	-200.19	19.16	27.75	-8.51	1.27
-16.0	8.522	-219.60	-2.76	30.25	-8.51	-0.45
-17.0	8.655	-238.86	-22.61	25.65	-8.38	-2.15
-18.0	8.968	-257.14	-37.54	15.86	-8.14	-3.75
-19.0	9.403	-273.93	-46.56	3.93	-7.83	-5.21
-20.0D	9.899	-289.10	-49.49	-7.46	-7.48	-6.48
-21.0D	10.394	-302.78	-46.38	-16.64	-7.13	-7.56
-22.0C	10.830	-315.26	-38.07	-23.07	-6.78	-8.44
-23.0C	11.161	-326.89	-26.28	-27.02	-6.41	-9.14
-24.0C	11.362	-337.97	-12.73	-28.99	-6.00	-9.65
-25.0C	11.420	-348.82	1.34	-29.35	-5.53	-9.99
-26.0C	11.336	-359.70	14.95	-28.27	-4.96	-10.19
-27.0D	11.119	-370.89	27.00	-25.78	-4.29	-10.26
-28.0D	10.793	-382.64	36.19	-21.82	-3.49	-10.21
-29.0D	10.392	-395.21	41.79	-16.24	-2.55	-10.07
-30.0	9.948	-408.84	44.75	-8.72	-1.47	-9.84

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	-5.00	0.0	10.00
-1.0	10.300	-13.93	-28.36	-10.73	-1.08	10.24
-2.0	10.576	-27.08	-25.39	-15.53	-2.06	10.37
-3.0	10.815	-39.58	-21.25	-19.39	-2.95	10.40
-4.0	11.007	-51.57	-16.09	-22.31	-3.75	10.35
-5.0	11.141	-63.18	-10.12	-24.38	-4.46	10.21
-6.0	11.212	-74.55	-3.60	-25.62	-5.11	9.98
-7.0	11.214	-85.83	3.25	-26.08	-5.68	9.67
-8.0	11.145	-97.15	10.26	-25.71	-6.21	9.25
-9.0	11.003	-108.67	17.53	-24.39	-6.70	8.73
-10.0	10.784	-120.56	25.42	-21.82	-7.14	8.08
-11.0	10.479	-133.03	34.43	-17.40	-7.54	7.28
-12.0	10.077	-146.38	44.21	-10.25	-7.88	6.28
-13.0C	9.585	-161.01	51.02	0.34	-8.14	5.05
-14.0D	9.070	-177.31	47.39	13.36	-8.32	3.61
-15.0	8.660	-195.38	30.97	25.18	-8.43	1.99
-16.0	8.457	-214.76	8.47	31.58	-8.45	0.27
-17.0	8.485	-234.51	-13.59	30.44	-8.36	-1.48
-18.0	8.721	-253.64	-31.61	22.59	-8.13	-3.16
-19.0	9.112	-271.42	-44.04	10.84	-7.80	-4.71
-20.0	9.602	-287.53	-50.67	-1.73	-7.43	-6.08
-21.0D	10.128	-301.98	-51.23	-12.79	-7.05	-7.27
-22.0D	10.628	-315.00	-45.63	-21.11	-6.69	-8.26
-23.0C	11.044	-326.92	-35.01	-26.55	-6.34	-9.04
-24.0C	11.334	-338.11	-21.41	-29.59	-5.96	-9.64
-25.0C	11.478	-348.88	-6.56	-30.77	-5.54	-10.05
-26.0C	11.468	-359.54	8.35	-30.38	-5.05	-10.30
-27.0C	11.310	-370.37	22.23	-28.55	-4.46	-10.40
-28.0D	11.022	-381.66	33.67	-25.25	-3.74	-10.37
-29.0D	10.635	-393.66	41.29	-20.41	-2.89	-10.24
-30.0	10.190	-406.62	45.25	-13.79	-1.89	-10.01

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	0.0	0.0	10.00
-1.0	10.308	-14.21	-29.81	-5.91	-1.13	10.25
-2.0	10.603	-27.59	-27.64	-10.98	-2.16	10.38
-3.0	10.868	-40.27	-23.88	-15.08	-3.09	10.42
-4.0	11.087	-52.39	-18.86	-18.20	-3.93	10.37
-5.0B	11.250	-64.07	-12.90	-20.42	-4.67	10.24
-6.0B	11.349	-75.47	-6.31	-21.78	-5.33	10.02
-7.0B	11.378	-86.74	0.61	-22.35	-5.92	9.72
-8.0	11.336	-98.00	7.57	-22.13	-6.46	9.32
-9.0	11.224	-109.40	14.43	-21.08	-6.94	8.82
-10.0	11.041	-121.10	21.17	-19.08	-7.39	8.21
-11.0	10.791	-133.25	27.89	-15.85	-7.79	7.46
-12.0	10.471	-146.07	34.57	-10.99	-8.15	6.57
-13.0	10.087	-159.79	40.31	-4.02	-8.45	5.50
-14.0C	9.659	-174.69	42.35	5.15	-8.68	4.24
-15.0D	9.246	-190.97	36.84	15.38	-8.81	2.81
-16.0D	8.935	-208.60	22.79	23.97	-8.85	1.24
-17.0	8.798	-227.12	3.73	27.91	-8.79	-0.41
-18.0	8.859	-245.78	-15.50	25.73	-8.62	-2.05
-19.0	9.102	-263.79	-31.18	18.34	-8.35	-3.63
-20.0	9.478	-280.60	-41.38	8.21	-8.00	-5.08
-21.0D	9.928	-295.96	-45.59	-2.07	-7.62	-6.36
-22.0D	10.392	-309.96	-44.18	-10.79	-7.23	-7.47
-23.0C	10.816	-322.78	-38.17	-17.28	-6.83	-8.39
-24.0C	11.162	-334.72	-29.02	-21.63	-6.42	-9.13
-25.0C	11.403	-346.04	-18.08	-24.21	-6.00	-9.70
-26.0C	11.529	-357.01	-6.37	-25.34	-5.53	-10.12
-27.0C	11.533	-367.87	5.45	-25.21	-5.00	-10.39
-28.0C	11.419	-378.84	16.73	-23.88	-4.40	-10.54
-29.0D	11.196	-390.15	26.70	-21.31	-3.69	-10.57
-30.0D	10.881	-402.02	34.38	-17.43	-2.87	-10.50

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	0.0	0.0	10.00
-1.0	10.309	-14.21	-30.12	-5.97	-1.13	10.25
-2.0	10.610	-27.58	-28.38	-11.17	-2.16	10.39
-3.0	10.884	-40.23	-25.08	-15.45	-3.09	10.44
-4.0B	11.118	-52.28	-20.46	-18.80	-3.92	10.40
-5.0B	11.299	-63.87	-14.79	-21.24	-4.65	10.30
-6.0B	11.418	-75.14	-8.37	-22.85	-5.30	10.11
-7.0B	11.469	-86.22	-1.54	-23.69	-5.88	9.85
-8.0B	11.449	-97.27	5.40	-23.78	-6.40	9.49
-9.0	11.359	-108.40	12.24	-23.11	-6.87	9.05
-10.0	11.200	-119.76	18.92	-21.59	-7.30	8.50
-11.0	10.972	-131.52	25.63	-19.01	-7.69	7.83
-12.0	10.674	-143.84	32.66	-14.98	-8.05	7.02
-13.0	10.303	-156.96	39.84	-8.89	-8.35	6.04
-14.0C	9.865	-171.18	45.23	-0.23	-8.58	4.87
-15.0C	9.400	-186.80	44.18	10.62	-8.72	3.50
-16.0D	8.997	-203.96	32.95	21.38	-8.78	1.96
-17.0	8.753	-222.40	13.86	28.46	-8.75	0.32
-18.0	8.721	-241.40	-7.42	29.20	-8.61	-1.37
-19.0	8.897	-260.08	-26.26	23.47	-8.37	-3.01
-20.0	9.240	-277.66	-39.95	13.42	-8.05	-4.54
-21.0D	9.693	-293.77	-47.50	2.05	-7.67	-5.92
-22.0D	10.190	-308.33	-48.77	-8.24	-7.29	-7.12
-23.0D	10.671	-321.54	-44.32	-16.20	-6.92	-8.13
-24.0C	11.082	-333.67	-35.52	-21.65	-6.54	-8.94
-25.0C	11.388	-345.04	-24.12	-24.98	-6.16	-9.58
-26.0C	11.571	-355.94	-11.52	-26.64	-5.74	-10.05
-27.0C	11.623	-366.63	1.42	-26.90	-5.27	-10.36
-28.0C	11.543	-377.36	14.03	-25.88	-4.72	-10.53
-29.0C	11.340	-388.37	25.50	-23.58	-4.07	-10.58
-30.0D	11.029	-399.89	34.68	-19.94	-3.30	-10.52

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	0.0	0.0	10.00
-1.0	10.311	-14.20	-30.44	-6.04	-1.13	10.25
-2.0	10.617	-27.56	-29.13	-11.37	-2.16	10.39
-3.0	10.901	-40.18	-26.29	-15.83	-3.09	10.46
-4.0B	11.150	-52.17	-22.07	-19.38	-3.91	10.44
-5.0B	11.349	-63.66	-16.67	-22.05	-4.64	10.36
-6.0B	11.488	-74.80	-10.38	-23.89	-5.28	10.20
-7.0B	11.559	-85.72	-3.55	-24.96	-5.84	9.98
-8.0B	11.560	-96.55	3.45	-25.30	-6.34	9.66
-9.0B	11.489	-107.44	10.33	-24.93	-6.79	9.27
-10.0	11.349	-118.50	16.96	-23.80	-7.20	8.77
-11.0	11.142	-129.89	23.50	-21.77	-7.58	8.17
-12.0	10.867	-141.77	30.38	-18.49	-7.93	7.43
-13.0	10.518	-154.35	38.04	-13.39	-8.23	6.55
-14.0	10.089	-167.91	45.66	-5.68	-8.48	5.47
-15.0C	9.598	-182.80	49.23	4.99	-8.64	4.19
-16.0D	9.118	-199.32	42.52	17.17	-8.71	2.70
-17.0	8.766	-217.43	24.89	27.22	-8.70	1.08
-18.0	8.625	-236.56	2.42	31.42	-8.60	-0.63
-19.0	8.713	-255.79	-19.07	28.31	-8.40	-2.33
-20.0	9.000	-274.18	-36.11	19.29	-8.09	-3.94
-21.0	9.431	-291.14	-47.18	7.40	-7.72	-5.41
-22.0D	9.943	-306.44	-51.85	-4.39	-7.34	-6.71
-23.0D	10.469	-320.19	-49.98	-14.06	-6.97	-7.81
-24.0C	10.946	-332.66	-42.42	-20.93	-6.62	-8.72
-25.0C	11.324	-344.19	-31.05	-25.24	-6.26	-9.43
-26.0C	11.574	-355.09	-17.78	-27.57	-5.89	-9.96
-27.0C	11.685	-365.68	-3.86	-28.33	-5.47	-10.33
-28.0C	11.654	-376.21	9.98	-27.72	-4.98	-10.54
-29.0C	11.484	-386.94	22.97	-25.78	-4.39	-10.61
-30.0D	11.191	-398.12	33.91	-22.46	-3.68	-10.57

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	0.0	0.0	10.00
-1.0	10.312	-14.20	-30.75	-6.10	-1.13	10.25
-2.0	10.624	-27.55	-29.88	-11.56	-2.16	10.40
-3.0	10.918	-40.13	-27.51	-16.20	-3.08	10.47
-4.0B	11.181	-52.06	-23.68	-19.97	-3.90	10.48
-5.0B	11.398	-63.46	-18.52	-22.85	-4.62	10.42
-6.0B	11.556	-74.47	-12.30	-24.89	-5.25	10.30
-7.0B	11.647	-85.23	-5.38	-26.15	-5.80	10.10
-8.0B	11.666	-95.86	1.79	-26.69	-6.28	9.83
-9.0B	11.611	-106.52	8.83	-26.54	-6.71	9.47
-10.0B	11.486	-117.31	15.51	-25.69	-7.10	9.03
-11.0	11.295	-128.39	21.88	-24.06	-7.47	8.48
-12.0	11.038	-139.90	28.39	-21.38	-7.80	7.81
-13.0	10.711	-152.02	35.81	-17.15	-8.11	7.00
-14.0	10.302	-165.01	44.36	-10.51	-8.36	6.02
-15.0C	9.808	-179.21	51.48	-0.62	-8.54	4.82
-16.0D	9.278	-195.03	50.07	12.08	-8.63	3.41
-17.0D	8.830	-212.64	35.43	24.45	-8.64	1.81
-18.0	8.581	-231.68	12.73	32.02	-8.58	0.11
-19.0	8.572	-251.27	-10.70	32.07	-8.42	-1.63
-20.0	8.787	-270.37	-30.55	24.90	-8.14	-3.31
-21.0	9.178	-288.18	-44.81	13.23	-7.78	-4.87
-22.0	9.683	-304.29	-52.88	0.40	-7.39	-6.26
-23.0D	10.236	-318.70	-54.25	-10.97	-7.01	-7.46
-24.0D	10.769	-331.62	-48.83	-19.46	-6.66	-8.46
-25.0C	11.217	-343.39	-38.14	-24.97	-6.33	-9.26
-26.0C	11.539	-354.39	-24.53	-28.09	-5.99	-9.86
-27.0C	11.715	-364.94	-9.79	-29.42	-5.62	-10.28
-28.0C	11.739	-375.33	5.12	-29.26	-5.18	-10.54
-29.0C	11.612	-385.82	19.47	-27.71	-4.65	-10.64
-30.0C	11.346	-396.70	32.15	-24.75	-3.99	-10.62

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	5.00	0.0	10.00
-1.0	10.323	-14.48	-32.24	-1.29	-1.18	10.25
-2.0	10.652	-28.06	-32.16	-7.04	-2.26	10.41
-3.0	10.971	-40.82	-30.09	-11.93	-3.22	10.49
-4.0B	11.261	-52.87	-26.31	-15.87	-4.08	10.50
-5.0B	11.505	-64.34	-21.12	-18.87	-4.82	10.44
-6.0B	11.689	-75.39	-14.85	-21.00	-5.47	10.33
-7.0B	11.806	-86.14	-7.86	-22.33	-6.04	10.14
-8.0B	11.849	-96.74	-0.55	-22.91	-6.53	9.89
-9.0B	11.818	-107.32	6.71	-22.78	-6.97	9.54
-10.0B	11.713	-118.02	13.62	-21.97	-7.36	9.11
-11.0	11.541	-128.96	19.99	-20.43	-7.71	8.58
-12.0	11.306	-140.28	25.81	-18.06	-8.04	7.95
-13.0	11.014	-152.13	31.32	-14.62	-8.35	7.18
-14.0	10.666	-164.69	36.69	-9.72	-8.62	6.28
-15.0	10.266	-178.17	41.39	-2.88	-8.85	5.21
-16.0C	9.830	-192.82	43.04	6.04	-9.00	3.96
-17.0D	9.409	-208.84	37.81	16.07	-9.06	2.54
-18.0D	9.086	-226.19	24.03	24.70	-9.03	0.98
-19.0	8.936	-244.46	4.71	28.85	-8.91	-0.65
-20.0	8.992	-262.90	-15.24	26.89	-8.70	-2.28
-21.0	9.236	-280.72	-31.80	19.63	-8.40	-3.84
-22.0D	9.623	-297.33	-42.78	9.54	-8.04	-5.28
-23.0D	10.090	-312.50	-47.47	-0.69	-7.67	-6.56
-24.0D	10.574	-326.29	-46.24	-9.30	-7.29	-7.66
-25.0C	11.020	-338.90	-40.33	-15.66	-6.91	-8.58
-26.0C	11.388	-350.60	-31.37	-19.96	-6.54	-9.32
-27.0C	11.656	-361.68	-20.81	-22.59	-6.16	-9.89
-28.0C	11.812	-372.36	-9.56	-23.89	-5.75	-10.32
-29.0C	11.851	-382.88	1.86	-24.04	-5.29	-10.60
-30.0C	11.774	-393.45	13.08	-23.08	-4.76	-10.77

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	5.00	0.0	10.00
-1.0	10.322	-14.48	-32.55	-1.35	-1.18	10.25
-2.0	10.658	-28.04	-32.91	-7.23	-2.26	10.42
-3.0	10.988	-40.77	-31.30	-12.31	-3.22	10.51
-4.0B	11.292	-52.76	-27.89	-16.44	-4.07	10.53
-5.0B	11.553	-64.14	-22.90	-19.64	-4.81	10.51
-6.0B	11.756	-75.07	-16.62	-21.94	-5.45	10.42
-7.0B	11.890	-85.67	-9.46	-23.41	-6.00	10.27
-8.0B	11.948	-96.09	-1.86	-24.13	-6.47	10.04
-9.0B	11.928	-106.47	5.72	-24.13	-6.89	9.74
-10.0B	11.833	-116.95	12.90	-23.44	-7.26	9.34
-11.0B	11.667	-127.64	19.39	-22.09	-7.60	8.85
-12.0	11.438	-138.69	25.19	-19.98	-7.91	8.26
-13.0	11.153	-150.24	30.57	-16.93	-8.21	7.55
-14.0	10.813	-162.44	36.04	-12.53	-8.49	6.70
-15.0	10.415	-175.51	41.64	-6.23	-8.72	5.70
-16.0C	9.966	-189.70	45.59	2.46	-8.89	4.50
-17.0C	9.504	-205.29	43.40	13.08	-8.98	3.12
-18.0D	9.113	-222.37	31.35	23.32	-8.97	1.58
-19.0	8.889	-240.65	11.56	29.62	-8.89	-0.05
-20.0	8.883	-259.38	-10.28	29.46	-8.72	-1.72
-21.0	9.090	-277.66	-29.38	22.96	-8.46	-3.34
-22.0	9.466	-294.78	-42.98	12.57	-8.13	-4.84
-23.0D	9.946	-310.39	-49.92	1.34	-7.79	-6.18
-24.0D	10.463	-324.47	-50.11	-8.39	-7.45	-7.35
-25.0C	10.952	-337.24	-44.56	-15.62	-7.12	-8.33
-26.0C	11.362	-349.00	-35.17	-20.45	-6.79	-9.11
-27.0C	11.665	-360.06	-23.82	-23.39	-6.44	-9.72
-28.0C	11.846	-370.67	-11.69	-24.86	-6.07	-10.17
-29.0C	11.903	-381.08	0.64	-25.10	-5.65	-10.48
-30.0C	11.834	-391.52	12.80	-24.17	-5.15	-10.65

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	5.00	0.0	10.00
-1.0	10.323	-14.48	-32.87	-1.41	-1.18	10.26
-2.0	10.665	-28.03	-33.67	-7.42	-2.26	10.42
-3.0	11.005	-40.72	-32.52	-12.68	-3.22	10.53
-4.0B	11.324	-52.65	-29.47	-17.01	-4.06	10.57
-5.0B	11.602	-63.95	-24.62	-20.39	-4.79	10.57
-6.0B	11.822	-74.75	-18.26	-22.83	-5.42	10.51
-7.0B	11.972	-85.21	-10.82	-24.42	-5.96	10.39
-8.0B	12.042	-95.47	-2.83	-25.22	-6.41	10.19
-9.0B	12.030	-105.67	5.19	-25.27	-6.81	9.92
-10.0B	11.937	-115.95	12.72	-24.65	-7.16	9.55
-11.0B	11.772	-126.45	19.42	-23.37	-7.48	9.09
-12.0	11.543	-137.29	25.16	-21.41	-7.78	8.53
-13.0	11.260	-148.60	30.30	-18.60	-8.07	7.85
-14.0	10.923	-160.55	35.53	-14.58	-8.34	7.05
-15.0	10.530	-173.31	41.43	-8.73	-8.59	6.09
-16.0C	10.077	-187.15	46.87	-0.36	-8.78	4.95
-17.0C	9.589	-202.40	47.27	10.52	-8.89	3.60
-18.0D	9.147	-219.23	37.07	21.87	-8.91	2.08
-19.0	8.864	-237.45	17.13	29.85	-8.85	0.44
-20.0	8.808	-256.36	-6.16	31.21	-8.72	-1.25
-21.0	8.983	-274.99	-27.23	25.48	-8.50	-2.90
-22.0	9.347	-292.50	-42.92	14.93	-8.22	-4.46
-23.0D	9.837	-308.44	-51.78	2.93	-7.91	-5.85
-24.0D	10.380	-322.76	-53.22	-7.73	-7.60	-7.07
-25.0C	10.903	-335.65	-47.95	-15.68	-7.31	-8.09
-26.0C	11.345	-347.44	-38.09	-20.93	-7.02	-8.91
-27.0C	11.674	-358.47	-25.96	-24.07	-6.71	-9.55
-28.0C	11.874	-369.02	-13.00	-25.63	-6.37	-10.02
-29.0C	11.940	-379.35	0.11	-25.88	-5.98	-10.33
-30.0C	11.872	-389.71	13.08	-24.91	-5.50	-10.52

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	5.00	0.0	10.00
-1.0	10.325	-14.47	-33.19	-1.48	-1.18	10.26
-2.0	10.672	-28.01	-34.43	-7.62	-2.25	10.43
-3.0B	11.022	-40.67	-33.74	-13.06	-3.21	10.54
-4.0B	11.355	-52.54	-31.03	-17.58	-4.05	10.61
-5.0B	11.650	-63.75	-26.29	-21.12	-4.77	10.63
-6.0B	11.887	-74.44	-19.77	-23.69	-5.39	10.59
-7.0B	12.050	-84.76	-11.95	-25.35	-5.91	10.50
-8.0B	12.129	-94.87	-3.44	-26.18	-6.35	10.33
-9.0B	12.120	-104.91	5.10	-26.24	-6.73	10.08
-10.0B	12.027	-115.03	13.08	-25.60	-7.06	9.74
-11.0B	11.857	-125.37	20.01	-24.32	-7.36	9.30
-12.0B	11.622	-136.05	25.71	-22.40	-7.64	8.75
-13.0	11.334	-147.21	30.53	-19.72	-7.93	8.10
-14.0	10.997	-158.98	35.37	-15.92	-8.20	7.33
-15.0	10.607	-171.54	41.21	-10.38	-8.46	6.40
-16.0	10.152	-185.16	47.52	-2.26	-8.66	5.29
-17.0C	9.648	-200.16	49.82	8.74	-8.79	3.97
-18.0D	9.172	-216.82	41.10	20.85	-8.84	2.46
-19.0	8.847	-235.01	20.96	29.98	-8.81	0.82
-20.0	8.758	-254.04	-3.52	32.35	-8.71	-0.89
-21.0	8.912	-272.89	-26.05	27.09	-8.53	-2.57
-22.0	9.272	-290.65	-43.25	16.36	-8.29	-4.15
-23.0D	9.773	-306.80	-53.47	3.74	-8.02	-5.59
-24.0D	10.338	-321.24	-55.72	-7.62	-7.76	-6.83
-25.0C	10.887	-334.17	-50.40	-16.05	-7.51	-7.88
-26.0C	11.351	-345.94	-39.87	-21.50	-7.26	-8.73
-27.0C	11.694	-356.92	-26.91	-24.69	-6.98	-9.38
-28.0	11.900	-367.41	-13.21	-26.22	-6.67	-9.86
-29.0	11.964	-377.68	0.60	-26.40	-6.29	-10.18
-30.0C	11.888	-387.98	14.26	-25.30	-5.82	-10.36

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	10.00	0.0	10.00
-1.0	10.333	-14.75	-34.71	3.32	-1.23	10.26
-2.0	10.701	-28.52	-36.72	-3.13	-2.35	10.44
-3.0B	11.076	-41.35	-36.29	-8.82	-3.35	10.56
-4.0B	11.435	-53.34	-33.63	-13.51	-4.23	10.63
-5.0B	11.757	-64.62	-28.99	-17.19	-4.98	10.65
-6.0B	12.023	-75.34	-22.74	-19.92	-5.62	10.63
-7.0B	12.218	-85.64	-15.33	-21.78	-6.16	10.55
-8.0B	12.334	-95.69	-7.21	-22.83	-6.61	10.41
-9.0B	12.365	-105.62	1.14	-23.12	-6.99	10.20
-10.0B	12.312	-115.56	9.29	-22.67	-7.32	9.90
-11.0B	12.177	-125.66	16.82	-21.53	-7.60	9.51
-12.0B	11.971	-136.04	23.36	-19.75	-7.87	9.02
-13.0B	11.704	-146.83	28.72	-17.30	-8.13	8.42
-14.0	11.387	-158.17	33.01	-14.05	-8.38	7.71
-15.0	11.031	-170.18	36.63	-9.74	-8.64	6.86
-16.0	10.639	-183.04	39.87	-4.00	-8.87	5.88
-17.0	10.219	-196.93	41.92	3.52	-9.06	4.73
-18.0C	9.795	-212.04	40.06	12.58	-9.18	3.41
-19.0D	9.425	-228.45	30.97	21.64	-9.22	1.94
-20.0D	9.187	-245.97	14.50	27.94	-9.18	0.36
-21.0D	9.140	-264.03	-5.53	28.99	-9.05	-1.26
-22.0	9.296	-281.86	-24.35	24.30	-8.85	-2.85
-23.0D	9.622	-298.76	-38.51	15.63	-8.59	-4.34
-24.0D	10.062	-314.33	-46.38	5.68	-8.29	-5.70
-25.0D	10.549	-328.52	-47.86	-3.32	-7.99	-6.89
-26.0C	11.023	-341.45	-44.07	-10.31	-7.69	-7.90
-27.0C	11.439	-353.38	-36.85	-15.28	-7.38	-8.74
-28.0C	11.771	-364.56	-27.81	-18.60	-7.07	-9.41
-29.0	12.005	-375.23	-18.01	-20.66	-6.74	-9.93
-30.0	12.138	-385.58	-7.92	-21.68	-6.38	-10.32

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	10.00	0.0	10.00
-1.0	10.335	-14.75	-35.03	3.25	-1.23	10.26
-2.0	10.708	-28.51	-37.48	-3.33	-2.35	10.45
-3.0B	11.093	-41.30	-37.51	-9.19	-3.35	10.58
-4.0B	11.467	-53.23	-35.16	-14.07	-4.22	10.66
-5.0B	11.805	-64.42	-30.58	-17.90	-4.96	10.71
-6.0B	12.086	-75.03	-24.12	-20.73	-5.59	10.71
-7.0B	12.293	-85.21	-16.28	-22.65	-6.12	10.66
-8.0A	12.416	-95.12	-7.63	-23.71	-6.55	10.55
-9.0A	12.449	-104.91	1.29	-23.97	-6.91	10.35
-10.0B	12.391	-114.72	9.96	-23.45	-7.22	10.07
-11.0B	12.247	-124.69	17.87	-22.23	-7.49	9.69
-12.0B	12.029	-134.96	24.56	-20.38	-7.74	9.21
-13.0B	11.750	-145.65	29.77	-17.89	-7.99	8.62
-14.0	11.425	-156.90	33.71	-14.66	-8.24	7.91
-15.0	11.063	-168.83	37.01	-10.42	-8.50	7.09
-16.0	10.668	-181.60	40.28	-4.73	-8.74	6.11
-17.0	10.241	-195.41	42.96	2.85	-8.95	4.98
-18.0C	9.801	-210.46	42.02	12.23	-9.09	3.66
-19.0D	9.409	-226.88	33.22	21.88	-9.15	2.18
-20.0D	9.151	-244.49	15.92	28.73	-9.13	0.59
-21.0	9.097	-262.69	-5.49	29.95	-9.04	-1.04
-22.0	9.259	-280.66	-25.61	24.94	-8.87	-2.65
-23.0D	9.603	-297.63	-40.70	15.65	-8.65	-4.16
-24.0D	10.068	-313.21	-48.91	5.09	-8.41	-5.54
-25.0C	10.579	-327.32	-50.01	-4.26	-8.16	-6.74
-26.0C	11.071	-340.13	-45.35	-11.34	-7.90	-7.75
-27.0C	11.495	-351.94	-37.11	-16.21	-7.64	-8.59
-28.0	11.825	-363.00	-27.21	-19.37	-7.36	-9.25
-29.0	12.049	-373.56	-16.74	-21.25	-7.06	-9.77
-30.0	12.166	-383.84	-6.12	-22.06	-6.71	-10.15

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	10.00	0.0	10.00
-1.0	10.336	-14.75	-35.35	3.19	-1.23	10.26
-2.0	10.715	-28.49	-38.25	-3.52	-2.35	10.45
-3.0B	11.110	-41.25	-38.73	-9.56	-3.34	10.60
-4.0B	11.498	-53.12	-36.68	-14.62	-4.21	10.70
-5.0B	11.852	-64.23	-32.10	-18.58	-4.95	10.77
-6.0B	12.147	-74.73	-25.35	-21.50	-5.57	10.80
-7.0A	12.365	-84.79	-17.00	-23.45	-6.07	10.77
-8.0A	12.492	-94.58	-7.74	-24.49	-6.49	10.67
-9.0A	12.522	-104.25	1.82	-24.67	-6.83	10.50
-10.0A	12.456	-113.94	11.05	-24.05	-7.12	10.22
-11.0B	12.299	-123.82	19.34	-22.69	-7.37	9.85
-12.0B	12.066	-134.01	26.13	-20.71	-7.61	9.37
-13.0B	11.771	-144.65	31.12	-18.13	-7.85	8.77
-14.0	11.434	-155.87	34.60	-14.85	-8.10	8.07
-15.0	11.066	-167.78	37.45	-10.60	-8.37	7.24
-16.0	10.667	-180.54	40.63	-4.89	-8.63	6.27
-17.0	10.235	-194.35	43.71	2.83	-8.85	5.14
-18.0C	9.784	-209.43	43.30	12.53	-9.01	3.82
-19.0D	9.379	-225.92	34.29	22.60	-9.09	2.33
-20.0D	9.116	-243.65	15.86	29.63	-9.09	0.72
-21.0	9.069	-261.98	-6.86	30.56	-9.02	-0.93
-22.0	9.250	-280.01	-27.91	24.90	-8.89	-2.55
-23.0D	9.621	-296.95	-43.41	14.89	-8.72	-4.07
-24.0D	10.112	-312.41	-51.37	3.85	-8.52	-5.44
-25.0C	10.645	-326.34	-51.56	-5.62	-8.32	-6.64
-26.0C	11.146	-338.98	-45.66	-12.53	-8.11	-7.65
-27.0C	11.567	-350.62	-36.33	-17.14	-7.88	-8.46
-28.0	11.884	-361.55	-25.65	-20.04	-7.63	-9.11
-29.0	12.091	-372.02	-14.64	-21.66	-7.34	-9.61
-30.0	12.184	-382.25	-3.61	-22.22	-7.00	-9.97

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	10.00	0.0	10.00
-1.0	10.338	-14.74	-35.67	3.13	-1.23	10.26
-2.0	10.722	-28.47	-39.02	-3.72	-2.35	10.46
-3.0B	11.128	-41.20	-39.95	-9.94	-3.34	10.61
-4.0B	11.530	-53.01	-38.17	-15.16	-4.20	10.74
-5.0B	11.899	-64.04	-33.55	-19.24	-4.93	10.83
-6.0B	12.207	-74.44	-26.43	-22.22	-5.54	10.88
-7.0A	12.433	-84.39	-17.50	-24.17	-6.03	10.87
-8.0A	12.562	-94.06	-7.55	-25.17	-6.43	10.79
-9.0A	12.587	-103.62	2.67	-25.25	-6.75	10.62
-10.0A	12.509	-113.23	12.47	-24.47	-7.02	10.36
-11.0B	12.335	-123.03	21.12	-22.95	-7.25	9.98
-12.0B	12.083	-133.19	27.96	-20.80	-7.48	9.49
-13.0B	11.771	-143.82	32.62	-18.10	-7.72	8.89
-14.0	11.422	-155.05	35.54	-14.73	-7.98	8.17
-15.0	11.046	-166.99	37.90	-10.42	-8.25	7.34
-16.0	10.644	-179.80	40.96	-4.61	-8.53	6.37
-17.0	10.207	-193.67	44.34	3.32	-8.77	5.23
-18.0C	9.749	-208.84	44.12	13.37	-8.94	3.90
-19.0D	9.338	-225.47	34.38	23.71	-9.03	2.39
-20.0D	9.081	-243.35	14.50	30.60	-9.05	0.77
-21.0	9.055	-261.78	-9.43	30.85	-9.01	-0.89
-22.0	9.266	-279.79	-31.08	24.26	-8.92	-2.52
-23.0D	9.669	-296.61	-46.50	13.47	-8.79	-4.04
-24.0D	10.189	-311.85	-53.64	2.11	-8.64	-5.40
-25.0C	10.737	-325.55	-52.39	-7.23	-8.49	-6.58
-26.0C	11.239	-337.97	-45.03	-13.78	-8.31	-7.56
-27.0	11.648	-349.43	-34.64	-18.00	-8.11	-8.36
-28.0	11.945	-360.23	-23.32	-20.56	-7.88	-8.98
-29.0	12.125	-370.62	-11.92	-21.89	-7.59	-9.45
-30.0	12.189	-380.82	-0.57	-22.14	-7.25	-9.80

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	15.00	0.0	10.00
-1.0	10.347	-15.02	-37.23	7.91	-1.28	10.27
-2.0	10.751	-28.98	-41.33	0.74	-2.45	10.47
-3.0B	11.182	-41.87	-42.48	-5.73	-3.48	10.63
-4.0B	11.610	-53.80	-40.82	-11.15	-4.38	10.75
-5.0B	12.008	-64.89	-36.57	-15.43	-5.14	10.85
-6.0A	12.351	-75.31	-30.21	-18.71	-5.77	10.92
-7.0A	12.621	-85.22	-22.33	-21.08	-6.28	10.95
-8.0A	12.805	-94.78	-13.51	-22.61	-6.69	10.92
-9.0A	12.895	-104.15	-4.22	-23.28	-7.02	10.82
-10.0A	12.891	-113.46	5.12	-23.09	-7.27	10.64
-11.0A	12.792	-122.86	14.12	-22.07	-7.49	10.37
-12.0A	12.605	-132.47	22.32	-20.30	-7.68	9.99
-13.0B	12.340	-142.44	29.21	-17.90	-7.87	9.51
-14.0B	12.013	-152.90	34.34	-14.89	-8.06	8.91
-15.0B	11.644	-163.97	37.59	-11.25	-8.28	8.19
-16.0	11.249	-175.79	39.36	-6.77	-8.52	7.35
-17.0	10.842	-188.48	40.28	-1.18	-8.77	6.37
-18.0	10.428	-202.17	40.29	5.77	-9.01	5.25
-19.0C	10.026	-216.99	37.69	13.90	-9.21	3.97
-20.0C	9.676	-232.99	29.65	22.06	-9.34	2.54
-21.0D	9.443	-250.01	15.02	27.98	-9.39	1.01
-22.0D	9.383	-267.56	-3.69	29.40	-9.37	-0.58
-23.0D	9.517	-284.96	-22.06	25.60	-9.27	-2.14
-24.0D	9.820	-301.56	-36.34	17.98	-9.12	-3.63
-25.0D	10.239	-316.96	-44.59	8.98	-8.94	-5.00
-26.0C	10.711	-331.07	-46.69	0.68	-8.73	-6.20
-27.0C	11.178	-343.98	-43.94	-5.93	-8.51	-7.24
-28.0C	11.600	-355.91	-38.21	-10.84	-8.29	-8.12
-29.0	11.955	-367.07	-31.02	-14.38	-8.05	-8.84
-30.0	12.232	-377.67	-23.27	-16.89	-7.81	-9.42

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	15.00	0.0	10.00
-1.0	10.348	-15.02	-37.55	7.84	-1.28	10.27
-2.0	10.758	-28.96	-42.10	0.54	-2.45	10.48
-3.0B	11.199	-41.82	-43.70	-6.11	-3.48	10.65
-4.0B	11.641	-53.69	-42.27	-11.68	-4.37	10.79
-5.0B	12.054	-64.70	-37.94	-16.03	-5.12	10.91
-6.0A	12.409	-75.02	-31.18	-19.40	-5.74	11.00
-7.0A	12.686	-84.83	-22.71	-21.78	-6.24	11.05
-8.0A	12.870	-94.29	-13.22	-23.26	-6.63	11.03
-9.0A	12.955	-103.57	-3.28	-23.83	-6.94	10.94
-10.0A	12.937	-112.80	6.66	-23.47	-7.18	10.76
-11.0A	12.820	-122.14	16.16	-22.23	-7.38	10.48
-12.0A	12.610	-131.74	24.65	-20.22	-7.56	10.10
-13.0B	12.321	-141.72	31.50	-17.59	-7.73	9.59
-14.0B	11.973	-152.24	36.18	-14.39	-7.93	8.97
-15.0	11.589	-163.41	38.68	-10.58	-8.16	8.23
-16.0	11.187	-175.35	39.73	-5.95	-8.42	7.37
-17.0	10.778	-188.19	40.28	-0.19	-8.69	6.38
-18.0	10.365	-202.04	40.28	6.99	-8.94	5.24
-19.0C	9.963	-217.05	37.58	15.39	-9.15	3.93
-20.0C	9.617	-233.27	28.72	23.66	-9.29	2.48
-21.0D	9.400	-250.48	12.69	29.23	-9.35	0.92
-22.0D	9.371	-268.14	-7.24	29.76	-9.35	-0.67
-23.0D	9.544	-285.52	-26.05	24.87	-9.28	-2.24
-24.0D	9.887	-301.95	-39.92	16.40	-9.16	-3.72
-25.0D	10.338	-317.10	-47.02	7.07	-9.01	-5.06
-26.0C	10.826	-330.92	-47.58	-1.08	-8.84	-6.25
-27.0C	11.295	-343.56	-43.39	-7.33	-8.66	-7.26
-28.0	11.705	-355.26	-36.61	-11.83	-8.45	-8.10
-29.0	12.040	-366.26	-28.80	-15.02	-8.23	-8.78
-30.0	12.293	-376.74	-20.74	-17.24	-8.00	-9.34

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	15.00	0.0	10.00
-1.0	10.349	-15.02	-37.87	7.78	-1.28	10.27
-2.0	10.765	-28.95	-42.88	0.34	-2.44	10.48
-3.0B	11.216	-41.77	-44.92	-6.48	-3.47	10.66
-4.0B	11.672	-53.58	-43.71	-12.20	-4.36	10.83
-5.0B	12.099	-64.51	-39.22	-16.70	-5.11	10.97
-6.0A	12.465	-74.74	-32.00	-20.06	-5.71	11.08
-7.0A	12.747	-84.45	-22.89	-22.42	-6.19	11.14
-8.0A	12.930	-93.82	-12.72	-23.84	-6.57	11.14
-9.0A	13.006	-103.01	-2.12	-24.27	-6.86	11.05
-10.0A	12.973	-112.19	8.42	-23.72	-7.08	10.87
-11.0A	12.836	-121.50	18.38	-22.24	-7.27	10.58
-12.0A	12.602	-131.09	27.10	-19.98	-7.44	10.17
-13.0B	12.288	-141.12	33.80	-17.11	-7.61	9.65
-14.0B	11.919	-151.72	37.89	-13.72	-7.82	9.00
-15.0	11.522	-163.01	39.55	-9.74	-8.06	8.24
-16.0	11.115	-175.11	39.89	-4.96	-8.33	7.36
-17.0	10.706	-188.12	40.16	1.00	-8.62	6.35
-18.0	10.294	-202.17	40.18	8.45	-8.89	5.18
-19.0C	9.894	-217.40	37.19	17.12	-9.11	3.85
-20.0C	9.558	-233.84	27.19	25.38	-9.26	2.37
-21.0D	9.364	-251.24	9.57	30.36	-9.33	0.80
-22.0D	9.374	-268.98	-11.43	29.78	-9.34	-0.81
-23.0D	9.591	-286.27	-30.36	23.71	-9.29	-2.37
-24.0D	9.974	-302.48	-43.39	14.49	-9.21	-3.84
-25.0C	10.453	-317.33	-48.93	5.02	-9.09	-5.16
-26.0C	10.952	-330.84	-47.73	-2.82	-8.95	-6.31
-27.0C	11.414	-343.21	-42.13	-8.59	-8.79	-7.28
-28.0	11.807	-354.71	-34.48	-12.65	-8.60	-8.08
-29.0	12.117	-365.55	-26.24	-15.49	-8.40	-8.74
-30.0	12.343	-375.93	-18.01	-17.42	-8.16	-9.26

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	15.00	0.0	10.00
-1.0	10.351	-15.02	-38.18	7.72	-1.28	10.27
-2.0	10.772	-28.93	-43.65	0.14	-2.44	10.49
-3.0B	11.234	-41.72	-46.14	-6.85	-3.47	10.68
-4.0B	11.703	-53.47	-45.11	-12.72	-4.35	10.86
-5.0B	12.144	-64.33	-40.42	-17.30	-5.09	11.03
-6.0A	12.520	-74.46	-32.67	-20.68	-5.68	11.16
-7.0A	12.805	-84.08	-22.88	-23.01	-6.15	11.23
-8.0A	12.984	-93.37	-12.02	-24.34	-6.51	11.23
-9.0A	13.050	-102.50	-0.77	-24.62	-6.78	11.15
-10.0A	13.000	-111.62	10.34	-23.85	-6.99	10.96
-11.0A	12.841	-120.92	20.72	-22.12	-7.16	10.66
-12.0A	12.582	-130.53	29.61	-19.60	-7.32	10.23
-13.0B	12.243	-140.62	36.04	-16.50	-7.50	9.68
-14.0B	11.855	-151.33	39.40	-12.92	-7.71	9.00
-15.0	11.446	-162.76	40.14	-8.78	-7.97	8.22
-16.0	11.037	-175.03	39.84	-3.83	-8.26	7.32
-17.0	10.630	-188.22	39.95	2.34	-8.57	6.29
-18.0	10.220	-202.49	40.03	10.08	-8.86	5.10
-19.0C	9.823	-217.95	36.55	18.99	-9.09	3.73
-20.0D	9.500	-234.64	25.11	27.10	-9.23	2.23
-21.0D	9.337	-252.21	5.83	31.28	-9.32	0.64
-22.0D	9.390	-269.98	-16.04	29.43	-9.34	-0.97
-23.0D	9.654	-287.13	-34.74	22.18	-9.32	-2.53
-24.0D	10.076	-303.07	-46.53	12.37	-9.26	-3.97
-25.0C	10.578	-317.60	-50.20	2.98	-9.18	-5.26
-26.0C	11.080	-330.79	-47.17	-4.41	-9.06	-6.37
-27.0	11.529	-342.92	-40.30	-9.66	-8.92	-7.31
-28.0	11.900	-354.22	-32.00	-13.29	-8.74	-8.07
-29.0	12.183	-364.93	-23.51	-15.79	-8.53	-8.69
-30.0	12.381	-375.25	-15.22	-17.43	-8.30	-9.19

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	20.00	0.0	10.00
-1.0	10.360	-15.29	-39.79	12.48	-1.33	10.27
-2.0	10.802	-29.43	-45.99	4.57	-2.54	10.50
-3.0B	11.289	-42.39	-48.67	-2.69	-3.61	10.70
-4.0B	11.785	-54.24	-47.89	-8.78	-4.53	10.88
-5.0A	12.257	-65.15	-43.93	-13.66	-5.30	11.05
-6.0A	12.675	-75.29	-37.47	-17.52	-5.92	11.21
-7.0A	13.018	-84.85	-29.32	-20.56	-6.40	11.33
-8.0A	13.272	-93.98	-20.20	-22.84	-6.77	11.41
-9.0A	13.429	-102.84	-10.56	-24.25	-7.04	11.43
-10.0	13.487	-111.56	-0.73	-24.65	-7.24	11.38
-11.0A	13.444	-120.29	9.05	-23.99	-7.38	11.24
-12.0A	13.303	-129.14	18.53	-22.32	-7.48	11.00
-13.0A	13.068	-138.26	27.34	-19.80	-7.57	10.65
-14.0A	12.748	-147.79	34.90	-16.63	-7.68	10.18
-15.0B	12.360	-157.87	40.49	-12.93	-7.81	9.58
-16.0B	11.929	-168.64	43.50	-8.71	-7.99	8.85
-17.0	11.479	-180.23	43.99	-3.83	-8.22	8.01
-18.0	11.035	-192.75	42.75	1.91	-8.50	7.04
-19.0	10.609	-206.30	40.36	8.67	-8.80	5.93
-20.0	10.215	-220.95	36.09	16.24	-9.08	4.68
-21.0C	9.884	-236.69	27.82	23.68	-9.32	3.29
-22.0C	9.665	-253.36	14.19	29.09	-9.50	1.79
-23.0D	9.607	-270.53	-3.26	30.53	-9.60	0.24
-24.0D	9.732	-287.57	-20.75	27.29	-9.64	-1.31
-25.0D	10.019	-303.90	-34.66	20.54	-9.62	-2.78
-26.0C	10.422	-319.12	-43.01	12.41	-9.56	-4.15
-27.0C	10.880	-333.14	-45.77	4.75	-9.46	-5.37
-28.0C	11.343	-346.01	-44.33	-1.59	-9.35	-6.43
-29.0	11.778	-357.91	-40.45	-6.56	-9.22	-7.33
-30.0	12.167	-369.02	-35.48	-10.49	-9.08	-8.09

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	20.00	0.0	10.00
-1.0	10.361	-15.29	-40.11	12.42	-1.33	10.28
-2.0	10.809	-29.42	-46.77	4.37	-2.54	10.51
-3.0B	11.306	-42.34	-49.88	-3.06	-3.61	10.71
-4.0B	11.816	-54.14	-49.25	-9.29	-4.52	10.92
-5.0A	12.301	-64.97	-45.05	-14.24	-5.28	11.11
-6.0A	12.728	-75.03	-38.05	-18.12	-5.89	11.28
-7.0A	13.073	-84.49	-29.25	-21.15	-6.36	11.42
-8.0A	13.323	-93.55	-19.47	-23.36	-6.71	11.51
-9.0	13.470	-102.35	-9.26	-24.63	-6.97	11.53
-10.0	13.512	-111.03	1.09	-24.82	-7.15	11.47
-11.0A	13.448	-119.75	11.35	-23.88	-7.27	11.31
-12.0A	13.281	-128.62	21.22	-21.90	-7.37	11.05
-13.0A	13.017	-137.80	30.27	-19.06	-7.46	10.67
-14.0A	12.667	-147.44	37.73	-15.59	-7.57	10.16
-15.0B	12.254	-157.68	42.68	-11.63	-7.72	9.52
-16.0B	11.805	-168.67	44.56	-7.18	-7.92	8.76
-17.0	11.351	-180.53	43.84	-2.09	-8.17	7.88
-18.0	10.913	-193.35	41.77	3.87	-8.48	6.87
-19.0	10.499	-207.20	39.01	10.83	-8.80	5.73
-20.0C	10.121	-222.15	34.32	18.51	-9.09	4.45
-21.0C	9.812	-238.19	25.10	25.73	-9.34	3.02
-22.0D	9.628	-255.07	10.17	30.40	-9.51	1.50
-23.0D	9.616	-272.31	-8.11	30.63	-9.62	-0.06
-24.0D	9.790	-289.25	-25.46	26.16	-9.66	-1.60
-25.0D	10.121	-305.33	-38.25	18.64	-9.65	-3.05
-26.0C	10.552	-320.23	-44.89	10.38	-9.60	-4.39
-27.0C	11.020	-333.91	-45.92	3.04	-9.51	-5.56
-28.0	11.478	-346.50	-43.17	-2.82	-9.40	-6.58
-29.0	11.897	-358.16	-38.54	-7.37	-9.28	-7.45
-30.C	12.264	-369.09	-33.29	-10.97	-9.15	-8.17

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	20.00	0.0	10.00
-1.0	10.363	-15.29	-40.43	12.36	-1.33	10.28
-2.0	10.816	-29.40	-47.55	4.17	-2.54	10.51
-3.0B	11.323	-42.29	-51.08	-3.43	-3.60	10.73
-4.0B	11.847	-54.03	-50.58	-9.79	-4.51	10.95
-5.0A	12.344	-64.79	-46.09	-14.80	-5.26	11.17
-6.0A	12.779	-74.77	-38.50	-18.70	-5.86	11.36
-7.0A	13.125	-84.15	-29.03	-21.69	-6.32	11.50
-8.0A	13.369	-93.14	-18.63	-23.82	-6.66	11.60
-9.0	13.505	-101.89	-7.86	-24.94	-6.89	11.61
-10.0	13.530	-110.54	2.98	-24.90	-7.06	11.54
-11.0A	13.444	-119.25	13.68	-23.68	-7.17	11.37
-12.0A	13.252	-128.16	23.92	-21.38	-7.26	11.08
-13.0A	12.959	-137.41	33.15	-18.24	-7.35	10.67
-14.0A	12.580	-147.17	40.38	-14.49	-7.47	10.12
-15.0B	12.143	-157.59	44.51	-10.30	-7.63	9.45
-16.0B	11.682	-168.81	45.13	-5.64	-7.85	8.65
-17.0	11.229	-180.93	43.27	-0.35	-8.14	7.74
-18.0	10.800	-194.03	40.62	5.80	-8.47	6.70
-19.0	10.399	-208.18	37.67	12.94	-8.81	5.53
-20.0C	10.036	-223.42	32.56	20.69	-9.11	4.21
-21.0C	9.751	-239.72	22.24	27.61	-9.35	2.75
-22.0D	9.602	-256.78	6.01	31.42	-9.53	1.21
-23.0D	9.637	-274.05	-12.93	30.39	-9.63	-0.35
-24.0D	9.859	-290.85	-29.84	24.81	-9.68	-1.88
-25.0C	10.228	-306.67	-41.27	16.73	-9.68	-3.31
-26.0C	10.681	-321.25	-46.10	8.52	-9.63	-4.61
-27.0C	11.153	-334.62	-45.49	1.58	-9.56	-5.75
-28.0	11.600	-346.94	-41.65	-3.81	-9.45	-6.73
-29.0	12.000	-358.41	-36.50	-7.97	-9.32	-7.55
-30.0	12.346	-369.20	-31.14	-11.29	-9.19	-8.24

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	20.00	0.0	10.00
-1.0	10.364	-15.29	-40.75	12.29	-1.33	10.28
-2.0	10.823	-29.38	-48.33	3.97	-2.54	10.52
-3.0B	11.341	-42.24	-52.28	-3.79	-3.60	10.75
-4.0B	11.877	-53.93	-51.87	-10.28	-4.50	10.99
-5.0A	12.386	-64.61	-47.04	-15.34	-5.25	11.22
-6.0A	12.828	-74.51	-38.83	-19.24	-5.83	11.42
-7.0A	13.174	-83.82	-28.68	-22.19	-6.28	11.58
-8.0	13.412	-92.75	-17.67	-24.23	-6.60	11.68
-9.0	13.535	-101.45	-6.38	-25.18	-6.82	11.69
-10.0	13.542	-110.08	4.92	-24.91	-6.97	11.61
-11.0A	13.435	-118.80	16.03	-23.39	-7.08	11.42
-12.0A	13.216	-127.74	26.63	-20.79	-7.16	11.11
-13.0A	12.894	-137.08	35.97	-17.35	-7.26	10.66
-14.0A	12.489	-146.97	42.82	-13.35	-7.38	10.07
-15.0B	12.031	-157.58	45.93	-8.94	-7.56	9.36
-16.0	11.563	-169.03	45.23	-4.10	-7.81	8.53
-17.0	11.114	-181.41	42.39	1.35	-8.12	7.59
-18.0	10.696	-194.78	39.41	7.68	-8.47	6.53
-19.0	10.307	-209.21	36.40	14.99	-8.83	5.32
-20.0C	9.960	-224.73	30.78	22.76	-9.13	3.97
-21.0C	9.698	-241.26	19.25	29.29	-9.37	2.49
-22.0D	9.587	-258.47	1.75	32.14	-9.54	0.93
-23.0D	9.669	-275.73	-17.61	29.88	-9.65	-0.64
-24.0D	9.936	-292.36	-33.84	23.32	-9.70	-2.15
-25.0C	10.339	-307.90	-43.70	14.87	-9.71	-3.56
-26.0C	10.807	-322.17	-46.70	6.86	-9.67	-4.82
-27.0C	11.277	-335.26	-44.60	0.37	-9.60	-5.92
-28.0	11.710	-347.36	-39.89	-4.58	-9.49	-6.86
-29.0	12.090	-358.66	-34.43	-8.39	-9.36	-7.65
-30.C	12.415	-369.34	-29.09	-11.47	-9.22	-8.31

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	25.00	0.0	10.00
-1.0	10.374	-15.56	-42.39	17.04	-1.38	10.28
-2.0	10.853	-29.88	-50.69	8.37	-2.64	10.53
-3.0B	11.396	-42.89	-54.85	0.32	-3.74	10.76
-4.0B	11.961	-54.68	-54.85	-6.43	-4.68	11.01
-5.0A	12.505	-65.42	-51.14	-11.91	-5.46	11.25
-6.0A	12.997	-75.30	-44.68	-16.51	-6.07	11.49
-7.0	13.414	-84.51	-36.57	-20.55	-6.53	11.72
-8.0	13.742	-93.24	-27.59	-24.07	-6.86	11.91
-9.0	13.977	-101.62	-18.15	-26.87	-7.08	12.05
-10.0	14.113	-109.79	-8.47	-28.60	-7.20	12.14
-11.0	14.149	-117.86	1.31	-29.01	-7.25	12.15
-12.0	14.086	-125.95	11.05	-28.00	-7.26	12.07
-13.0	13.924	-134.18	20.60	-25.68	-7.24	11.89
-14.0	13.666	-142.67	29.78	-22.32	-7.23	11.60
-15.0A	13.317	-151.55	38.26	-18.25	-7.23	11.18
-16.0A	12.888	-160.99	45.39	-13.74	-7.28	10.63
-17.0B	12.397	-171.13	50.11	-8.86	-7.40	9.95
-18.0B	11.875	-182.13	51.48	-3.50	-7.59	9.13
-19.0	11.356	-194.15	49.59	2.57	-7.87	8.19
-20.0	10.868	-207.27	45.46	9.51	-8.21	7.12
-21.0	10.431	-221.56	39.64	17.23	-8.59	5.92
-22.0C	10.067	-237.00	30.96	24.96	-8.97	4.58
-23.0C	9.814	-253.44	17.74	31.06	-9.31	3.11
-24.0C	9.718	-270.49	0.41	33.54	-9.59	1.58
-25.0C	9.808	-287.56	-17.82	31.32	-9.81	0.03
-26.0C	10.073	-304.03	-33.13	25.21	-9.97	-1.46
-27.0C	10.468	-319.44	-43.14	17.26	-10.07	-2.86
-28.0C	10.936	-333.63	-47.65	9.40	-10.13	-4.12
-29.0	11.428	-346.63	-48.07	2.63	-10.16	-5.23
-30.0	11.912	-358.58	-46.23	-2.97	-10.18	-6.18

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	25.00	0.0	10.00
-1.0	10.375	-15.56	-42.71	16.98	-1.38	10.28
-2.0	10.860	-29.86	-51.47	8.16	-2.64	10.54
-3.0B	11.414	-42.84	-56.04	-0.04	-3.74	10.78
-4.0B	11.991	-54.58	-56.10	-6.91	-4.67	11.04
-5.0A	12.547	-65.24	-52.02	-12.45	-5.44	11.31
-6.0A	13.045	-75.05	-44.94	-17.05	-6.04	11.56
-7.0	13.460	-84.20	-36.20	-21.08	-6.49	11.79
-8.0	13.782	-92.87	-26.70	-24.54	-6.80	11.99
-9.0	14.006	-101.21	-16.88	-27.20	-7.01	12.13
-10.0	14.127	-109.35	-6.93	-28.73	-7.12	12.20
-11.0	14.147	-117.42	3.06	-28.88	-7.16	12.20
-12.0	14.065	-125.53	12.99	-27.58	-7.16	12.11
-13.0	13.882	-133.80	22.76	-24.97	-7.14	11.90
-14.0	13.601	-142.37	32.20	-21.34	-7.13	11.58
-15.0A	13.226	-151.37	40.86	-17.02	-7.15	11.13
-16.0A	12.771	-160.96	47.82	-12.27	-7.21	10.54
-17.0B	12.258	-171.33	51.73	-7.16	-7.35	9.81
-18.0B	11.726	-182.62	51.69	-1.58	-7.57	8.95
-19.0	11.212	-194.95	48.39	4.69	-7.88	7.98
-20.0	10.742	-208.41	43.43	11.80	-8.25	6.88
-21.0	10.328	-223.02	37.17	19.55	-8.65	5.64
-22.0C	9.992	-238.76	27.89	27.04	-9.04	4.27
-23.0C	9.774	-255.42	13.78	32.47	-9.37	2.78
-24.0C	9.723	-272.56	-4.16	33.85	-9.64	1.23
-25.0C	9.860	-289.56	-22.19	30.51	-9.85	-0.31
-26.0C	10.164	-305.81	-36.40	23.68	-10.01	-1.79
-27.0C	10.584	-320.94	-44.82	15.60	-10.10	-3.16
-28.0C	11.062	-334.84	-47.79	8.03	-10.16	-4.38
-29.0	11.550	-347.59	-47.15	1.67	-10.18	-5.45
-30.0	12.021	-359.33	-44.83	-3.59	-10.19	-6.37

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	25.00	0.0	10.00
-1.0	10.377	-15.56	-43.03	16.91	-1.38	10.28
-2.0	10.867	-29.85	-52.26	7.96	-2.63	10.54
-3.0B	11.431	-42.79	-57.22	-0.41	-3.73	10.80
-4.0B	12.021	-54.47	-57.31	-7.39	-4.66	11.08
-5.0A	12.587	-65.07	-52.81	-12.96	-5.42	11.36
-6.0A	13.090	-74.81	-45.09	-17.57	-6.01	11.63
-7.0	13.504	-83.89	-35.74	-21.57	-6.45	11.87
-8.0	13.819	-92.51	-25.77	-24.96	-6.75	12.06
-9.0	14.031	-100.81	-15.61	-27.49	-6.93	12.20
-10.0	14.138	-108.94	-5.42	-28.81	-7.03	12.26
-11.0	14.142	-117.01	4.76	-28.70	-7.07	12.25
-12.0	14.041	-125.14	14.88	-27.12	-7.07	12.13
-13.0	13.838	-133.46	24.90	-24.23	-7.05	11.91
-14.0	13.533	-142.10	34.60	-20.34	-7.04	11.56
-15.0A	13.133	-151.22	43.41	-15.78	-7.07	11.07
-16.0A	12.652	-160.99	50.07	-10.81	-7.15	10.44
-17.0B	12.122	-171.59	52.93	-5.49	-7.31	9.67
-18.0B	11.585	-183.16	51.37	0.29	-7.56	8.77
-19.0	11.081	-195.80	46.85	6.74	-7.90	7.77
-20.0	10.630	-209.57	41.35	13.96	-8.30	6.64
-21.0	10.239	-224.49	34.83	21.70	-8.72	5.37
-22.0C	9.929	-240.48	24.95	28.91	-9.10	3.97
-23.0C	9.746	-257.32	9.95	33.61	-9.43	2.46
-24.0C	9.737	-274.52	-8.50	33.92	-9.70	0.90
-25.0C	9.917	-291.42	-26.14	29.57	-9.90	-0.63
-26.0C	10.256	-307.45	-39.13	22.20	-10.04	-2.09
-27.0C	10.696	-322.31	-45.95	14.13	-10.13	-3.43
-28.0	11.178	-335.95	-47.54	6.89	-10.18	-4.63
-29.0	11.658	-348.47	-46.05	0.92	-10.19	-5.66
-30.0	12.116	-360.04	-43.45	-4.05	-10.19	-6.55

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	25.00	0.0	10.00
-1.0	10.378	-15.56	-43.35	16.85	-1.38	10.29
-2.0	10.874	-29.83	-53.05	7.76	-2.63	10.55
-3.0B	11.448	-42.74	-58.40	-0.77	-3.73	10.82
-4.0B	12.051	-54.37	-58.49	-7.85	-4.66	11.11
-5.0A	12.627	-64.90	-53.52	-13.46	-5.41	11.41
-6.0A	13.134	-74.57	-45.15	-18.06	-5.98	11.69
-7.0	13.545	-83.59	-35.21	-22.02	-6.41	11.94
-8.0	13.852	-92.17	-24.80	-25.34	-6.69	12.13
-9.0	14.053	-100.44	-14.35	-27.72	-6.87	12.26
-10.0	14.146	-108.55	-3.95	-28.84	-6.95	12.32
-11.0	14.133	-116.62	6.41	-28.49	-6.98	12.29
-12.0	14.015	-124.78	16.74	-26.63	-6.98	12.16
-13.0	13.791	-133.15	27.01	-23.47	-6.96	11.91
-14.0	13.463	-141.87	36.99	-19.33	-6.96	11.53
-15.0A	13.038	-151.12	45.90	-14.53	-7.00	11.00
-16.0A	12.534	-161.07	52.08	-9.35	-7.10	10.33
-17.0B	11.989	-171.89	53.68	-3.84	-7.28	9.52
-18.0	11.452	-183.74	50.59	2.11	-7.57	8.60
-19.0	10.962	-196.68	45.10	8.69	-7.94	7.56
-20.0	10.530	-210.74	39.33	15.99	-8.36	6.41
-21.0	10.161	-225.93	32.62	23.70	-8.78	5.11
-22.0C	9.876	-242.16	22.11	30.57	-9.17	3.68
-23.0C	9.727	-259.16	6.23	34.51	-9.49	2.15
-24.0C	9.759	-276.37	-12.60	33.78	-9.74	0.59
-25.0C	9.979	-293.15	-29.69	28.55	-9.93	-0.94
-26.0C	10.348	-308.97	-41.36	20.80	-10.07	-2.38
-27.0C	10.803	-323.57	-46.63	12.84	-10.15	-3.69
-28.0	11.285	-336.97	-46.98	5.96	-10.19	-4.85
-29.0	11.755	-349.31	-44.84	0.34	-10.19	-5.86
-30.0	12.200	-360.73	-42.10	-4.38	-10.18	-6.72

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	30.00	0.0	10.00
-1.0	10.387	-15.83	-45.03	21.59	-1.43	10.29
-2.0	10.905	-30.33	-55.43	12.12	-2.73	10.56
-3.0B	11.505	-43.39	-61.01	3.30	-3.87	10.83
-4.0B	12.136	-55.11	-61.73	-4.11	-4.83	11.13
-5.0A	12.753	-65.68	-58.25	-10.27	-5.62	11.45
-6.0A	13.318	-75.31	-51.96	-15.85	-6.22	11.78
-7.0	13.811	-84.21	-44.16	-21.35	-6.66	12.10
-8.0	14.219	-92.56	-35.56	-26.84	-6.95	12.40
-9.0	14.536	-100.49	-26.38	-31.94	-7.11	12.68
-10.0	14.757	-108.13	-16.67	-36.03	-7.16	12.90
-11.0	14.876	-115.60	-6.53	-38.47	-7.12	13.06
-12.0	14.890	-122.99	3.81	-38.84	-7.01	13.14
-13.0	14.798	-130.43	14.02	-37.06	-6.85	13.12
-14.0	14.604	-138.00	23.83	-33.44	-6.69	12.98
-15.0	14.313	-145.83	33.10	-28.52	-6.54	12.73
-16.0	13.929	-154.05	41.81	-22.90	-6.43	12.36
-17.0	13.460	-162.79	49.81	-17.04	-6.38	11.85
-18.0A	12.915	-172.22	56.42	-11.12	-6.42	11.20
-19.0B	12.316	-182.55	60.19	-5.00	-6.57	10.42
-20.0B	11.699	-193.95	59.73	1.71	-6.83	9.50
-21.0	11.108	-206.59	55.21	9.37	-7.21	8.45
-22.0	10.578	-220.57	47.97	18.04	-7.68	7.28
-23.0	10.136	-235.90	37.97	27.07	-8.20	5.96
-24.0C	9.817	-252.44	23.43	34.74	-8.72	4.52
-25.0C	9.674	-269.80	4.00	38.56	-9.20	2.98
-26.0C	9.742	-287.32	-17.14	36.88	-9.64	1.42
-27.0C	10.014	-304.23	-35.35	30.36	-10.01	-0.11
-28.0C	10.444	-319.99	-47.58	21.44	-10.33	-1.54
-29.0C	10.966	-334.38	-53.64	12.52	-10.59	-2.83
-30.0	11.526	-347.42	-55.39	4.77	-10.82	-3.96

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	30.00	0.0	10.00
-1.0	10.389	-15.83	-45.35	21.52	-1.43	10.29
-2.0	10.912	-30.31	-56.22	11.92	-2.73	10.57
-3.0B	11.522	-43.34	-62.18	2.94	-3.87	10.85
-4.0A	12.166	-55.01	-62.86	-4.57	-4.83	11.17
-5.0A	12.792	-65.51	-58.90	-10.77	-5.60	11.50
-6.0	13.361	-75.08	-51.98	-16.35	-6.19	11.84
-7.0	13.850	-83.93	-43.65	-21.85	-6.62	12.17
-8.0	14.251	-92.23	-34.74	-27.32	-6.90	12.47
-9.0	14.560	-100.13	-25.46	-32.34	-7.04	12.74
-10.0	14.771	-107.75	-15.79	-36.31	-7.08	12.96
-11.0	14.881	-115.21	-5.79	-38.61	-7.03	13.12
-12.0	14.889	-122.60	4.35	-38.87	-6.92	13.19
-13.0	14.793	-130.03	14.37	-37.02	-6.76	13.16
-14.0	14.596	-137.61	24.05	-33.36	-6.60	13.02
-15.0	14.302	-145.45	33.33	-28.43	-6.45	12.77
-16.0	13.916	-153.68	42.23	-22.77	-6.34	12.39
-17.0	13.440	-162.44	50.61	-16.83	-6.30	11.87
-18.0A	12.885	-171.91	57.58	-10.78	-6.35	11.21
-19.0B	12.273	-182.30	61.33	-4.51	-6.50	10.41
-20.0B	11.648	-193.79	60.22	2.34	-6.78	9.47
-21.0	11.056	-206.55	54.88	10.10	-7.17	8.42
-22.0	10.532	-220.65	47.26	18.84	-7.66	7.23
-23.0	10.097	-236.10	37.33	27.94	-8.19	5.91
-24.0C	9.785	-252.77	22.78	35.63	-8.71	4.45
-25.0C	9.650	-270.24	2.99	39.31	-9.20	2.90
-26.0C	9.730	-287.83	-18.55	37.29	-9.64	1.33
-27.0C	10.018	-304.76	-36.82	30.40	-10.02	-0.21
-28.0C	10.461	-320.50	-48.63	21.26	-10.33	-1.64
-29.0	10.990	-334.84	-54.02	12.34	-10.59	-2.93
-30.0	11.551	-347.84	-55.20	4.70	-10.82	-4.05

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	30.00	0.0	10.00
-1.0	10.390	-15.83	-45.67	21.46	-1.43	10.29
-2.0	10.919	-30.29	-57.01	11.71	-2.73	10.57
-3.0B	11.539	-43.29	-63.33	2.58	-3.86	10.87
-4.0A	12.195	-54.91	-63.94	-5.02	-4.82	11.20
-5.0A	12.830	-65.35	-59.47	-11.24	-5.58	11.55
-6.0	13.401	-74.85	-51.91	-16.83	-6.17	11.90
-7.0	13.887	-83.65	-43.10	-22.33	-6.58	12.23
-8.0	14.282	-91.91	-33.93	-27.76	-6.84	12.54
-9.0	14.581	-99.79	-24.58	-32.70	-6.98	12.80
-10.0	14.783	-107.39	-14.99	-36.56	-7.01	13.02
-11.0	14.887	-114.84	-5.15	-38.74	-6.95	13.17
-12.0	14.888	-122.23	4.79	-38.91	-6.83	13.23
-13.0	14.789	-129.66	14.62	-37.01	-6.67	13.20
-14.0	14.590	-137.24	24.17	-33.35	-6.51	13.06
-15.0	14.295	-145.08	33.46	-28.41	-6.36	12.80
-16.0	13.907	-153.31	42.56	-22.72	-6.26	12.42
-17.0	13.426	-162.09	51.33	-16.70	-6.22	11.90
-18.0A	12.861	-171.59	58.70	-10.52	-6.27	11.23
-19.0B	12.238	-182.02	62.42	-4.10	-6.43	10.41
-20.0B	11.604	-193.60	60.69	2.87	-6.72	9.46
-21.0	11.012	-206.45	54.59	10.72	-7.13	8.39
-22.0	10.493	-220.66	46.70	19.53	-7.63	7.21
-23.0	10.062	-236.23	36.92	28.72	-8.17	5.87
-24.0C	9.754	-253.00	22.38	36.47	-8.70	4.41
-25.0C	9.625	-270.58	2.19	40.05	-9.20	2.84
-26.0C	9.716	-288.25	-19.85	37.73	-9.63	1.26
-27.0C	10.018	-305.21	-38.24	30.47	-10.01	-0.28
-28.0C	10.474	-320.93	-49.67	21.12	-10.33	-1.72
-29.0	11.011	-335.23	-54.40	12.18	-10.59	-3.00
-30.0	11.573	-348.19	-55.04	4.63	-10.81	-4.12

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-30.00	30.00	0.0	10.00
-1.0	10.392	-15.82	-45.99	21.39	-1.43	10.29
-2.0	10.927	-30.28	-57.81	11.51	-2.73	10.58
-3.0B	11.557	-43.24	-64.48	2.22	-3.86	10.89
-4.0A	12.224	-54.80	-64.98	-5.45	-4.81	11.24
-5.0A	12.867	-65.18	-59.97	-11.70	-5.57	11.60
-6.0	13.440	-74.63	-51.78	-17.29	-6.14	11.96
-7.0	13.923	-83.38	-42.52	-22.78	-6.54	12.29
-8.0	14.309	-91.61	-33.13	-28.18	-6.79	12.60
-9.0	14.600	-99.45	-23.75	-33.04	-6.91	12.86
-10.0	14.795	-107.04	-14.26	-36.79	-6.93	13.07
-11.0	14.891	-114.48	-4.60	-38.87	-6.87	13.21
-12.0	14.889	-121.87	5.13	-38.97	-6.75	13.27
-13.0	14.787	-129.30	14.76	-37.05	-6.59	13.24
-14.0	14.587	-136.88	24.19	-33.39	-6.42	13.10
-15.0	14.293	-144.72	33.48	-28.46	-6.28	12.84
-16.0	13.903	-152.95	42.79	-22.75	-6.18	12.45
-17.0	13.418	-161.73	51.96	-16.65	-6.14	11.93
-18.0A	12.844	-171.25	59.74	-10.34	-6.20	11.25
-19.0B	12.209	-181.72	63.48	-3.78	-6.37	10.42
-20.0B	11.567	-193.36	61.15	3.30	-6.66	9.46
-21.0	10.974	-206.30	54.36	11.22	-7.08	8.38
-22.0	10.459	-220.60	46.29	20.10	-7.60	7.19
-23.0	10.032	-236.26	36.74	29.41	-8.15	5.85
-24.0C	9.725	-253.14	22.22	37.27	-8.69	4.37
-25.0C	9.599	-270.83	1.57	40.80	-9.18	2.80
-26.0C	9.700	-288.57	-21.04	38.20	-9.63	1.20
-27.0C	10.015	-305.57	-39.63	30.57	-10.01	-0.35
-28.0C	10.484	-321.28	-50.72	21.00	-10.33	-1.78
-29.0	11.029	-335.55	-54.79	12.04	-10.59	-3.07
-30.0	11.591	-348.47	-54.91	4.57	-10.81	-4.18

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-30.00	0.0	10.00
-1.0	10.185	-12.62	-11.15	-33.15	-0.84	10.15
-2.0	10.226	-24.96	3.24	-33.92	-1.62	10.10
-3.0	10.118	-37.37	18.01	-32.31	-2.39	9.83
-4.0	9.857	-50.24	33.03	-27.80	-3.14	9.34
-5.0	9.445	-64.04	47.30	-19.39	-3.91	8.60
-6.0C	8.906	-79.34	56.59	-6.12	-4.70	7.56
-7.0D	8.329	-96.74	53.83	11.06	-5.50	6.25
-8.0	7.850	-116.51	38.03	28.17	-6.29	4.70
-9.0	7.578	-138.27	14.16	39.47	-6.98	2.95
-10.0	7.572	-160.87	-12.77	40.10	-7.49	1.08
-11.0	7.824	-182.77	-35.21	29.95	-7.78	-0.78
-12.0	8.257	-202.82	-47.69	14.20	-7.86	-2.54
-13.0	8.767	-220.69	-50.77	-1.68	-7.75	-4.10
-14.0	9.273	-236.58	-47.33	-14.89	-7.52	-5.43
-15.0	9.720	-250.89	-39.38	-24.65	-7.20	-6.53
-16.0D	10.068	-264.05	-28.16	-31.13	-6.80	-7.42
-17.0D	10.289	-276.46	-14.81	-34.82	-6.34	-8.11
-18.0D	10.367	-288.50	-0.49	-36.18	-5.78	-8.61
-19.0D	10.299	-300.51	13.77	-35.41	-5.12	-8.94
-20.0	10.089	-312.84	27.17	-32.43	-4.32	-9.12
-21.0	9.747	-325.86	39.46	-26.67	-3.38	-9.14
-22.0	9.285	-340.00	50.73	-17.03	-2.25	-9.01
-23.0E	8.720	-355.82	58.76	-2.20	-0.93	-8.67
-24.0F	8.123	-373.96	55.13	17.10	0.58	-8.10
-25.0	7.654	-394.69	33.97	34.98	2.23	-7.32
-26.0	7.463	-417.30	2.65	43.06	3.91	-6.35
-27.0	7.597	-440.06	-27.85	37.21	5.51	-5.23
-28.0	8.001	-461.25	-49.27	21.01	6.91	-4.03
-29.0	8.564	-479.98	-58.95	1.77	8.08	-2.85
-30.0F	9.169	-496.27	-57.71	-14.94	9.00	-1.76

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-30.00	0.0	10.00
-1.0	10.187	-12.62	-11.44	-33.20	-0.84	10.15
-2.0	10.232	-24.95	2.65	-34.08	-1.62	10.10
-3.0	10.131	-37.33	17.25	-32.61	-2.38	9.85
-4.0	9.877	-50.15	32.43	-28.26	-3.14	9.37
-5.0	9.468	-63.88	47.37	-19.94	-3.90	8.63
-6.0C	8.924	-79.11	57.53	-6.59	-4.68	7.60
-7.0D	8.336	-96.46	54.78	10.82	-5.48	6.28
-8.0	7.851	-116.21	38.44	28.06	-6.26	4.73
-9.0	7.575	-137.98	14.76	39.58	-6.96	2.99
-10.0	7.559	-160.62	-11.68	40.66	-7.48	1.11
-11.0	7.799	-182.63	-33.96	31.05	-7.76	-0.76
-12.0	8.220	-202.85	-46.61	15.66	-7.82	-2.53
-13.0	8.721	-220.91	-50.14	-0.13	-7.70	-4.10
-14.0	9.225	-236.98	-47.50	-13.53	-7.44	-5.45
-15.0	9.678	-251.44	-40.58	-23.68	-7.10	-6.57
-16.0D	10.043	-264.70	-30.32	-30.65	-6.70	-7.48
-17.0D	10.290	-277.14	-17.66	-34.83	-6.24	-8.18
-18.0D	10.400	-289.14	-3.72	-36.68	-5.70	-8.70
-19.0D	10.366	-301.04	10.35	-36.47	-5.07	-9.04
-20.0D	10.191	-313.16	23.67	-34.19	-4.31	-9.23
-21.0	9.885	-325.86	35.95	-29.44	-3.42	-9.27
-22.0	9.457	-339.52	47.68	-21.22	-2.37	-9.16
-23.0	8.914	-354.68	58.15	-7.96	-1.13	-8.84
-24.0E	8.297	-372.02	59.87	10.80	0.31	-8.29
-25.0	7.755	-392.02	43.03	30.56	1.91	-7.52
-26.0	7.463	-414.29	12.78	42.65	3.57	-6.55
-27.0	7.499	-437.33	-19.25	41.06	5.19	-5.42
-28.0	7.832	-459.25	-44.11	27.20	6.62	-4.18
-29.0	8.363	-478.84	-57.81	7.90	7.83	-2.94
-30.0F	8.977	-495.88	-60.50	-10.41	8.80	-1.78

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-30.00	0.0	10.00
-1.0	10.188	-12.62	-11.73	-33.26	-0.84	10.15
-2.0	10.238	-24.93	2.06	-34.24	-1.62	10.11
-3.0	10.144	-37.29	16.48	-32.92	-2.38	9.86
-4.0	9.898	-50.06	31.77	-28.74	-3.13	9.39
-5.0	9.493	-63.72	47.34	-20.54	-3.89	8.66
-6.0C	8.944	-78.87	58.43	-7.13	-4.66	7.63
-7.0D	8.346	-96.16	55.79	10.49	-5.45	6.32
-8.0	7.853	-115.88	38.95	27.90	-6.24	4.77
-9.0	7.571	-137.65	15.47	39.66	-6.94	3.02
-10.0	7.545	-160.34	-10.48	41.26	-7.46	1.15
-11.0	7.772	-182.46	-32.65	32.23	-7.74	-0.74
-12.0	8.180	-202.86	-45.48	17.23	-7.78	-2.52
-13.0	8.672	-221.13	-49.39	1.55	-7.64	-4.11
-14.0	9.171	-237.41	-47.46	-11.98	-7.36	-5.48
-15.0	9.629	-252.04	-41.56	-22.50	-7.00	-6.61
-16.0D	10.010	-265.42	-32.34	-29.96	-6.59	-7.54
-17.0D	10.282	-277.92	-20.49	-34.65	-6.12	-8.26
-18.0D	10.423	-289.91	-7.05	-37.01	-5.60	-8.79
-19.0D	10.425	-301.71	6.79	-37.34	-4.99	-9.15
-20.0D	10.287	-313.65	20.03	-35.73	-4.28	-9.36
-21.0	10.018	-326.05	32.24	-31.92	-3.44	-9.41
-22.0	9.629	-339.28	44.03	-25.07	-2.45	-9.31
-23.0	9.117	-353.82	55.94	-13.58	-1.29	-9.03
-24.0E	8.500	-370.31	62.74	3.93	0.07	-8.50
-25.0F	7.896	-389.45	51.76	24.77	1.60	-7.73
-26.0	7.502	-411.18	23.63	40.59	3.23	-6.77
-27.0	7.428	-434.29	-9.09	43.85	4.84	-5.63
-28.0	7.671	-456.88	-36.94	33.47	6.31	-4.36
-29.0	8.148	-477.42	-54.57	15.08	7.56	-3.05
-30.0	8.750	-495.36	-61.52	-4.40	8.56	-1.81

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-30.00	0.0	10.00
-1.0	10.190	-12.62	-12.02	-33.31	-0.84	10.16
-2.0	10.244	-24.92	1.46	-34.40	-1.62	10.12
-3.0	10.157	-37.25	15.67	-33.23	-2.37	9.88
-4.0	9.920	-49.97	31.03	-29.23	-3.12	9.42
-5.0	9.519	-63.55	47.19	-21.18	-3.87	8.70
-6.0C	8.967	-78.62	59.27	-7.74	-4.64	7.67
-7.0D	8.358	-95.84	56.87	10.07	-5.42	6.36
-8.0	7.856	-115.52	39.57	27.67	-6.21	4.81
-9.0	7.568	-137.27	16.30	39.72	-6.92	3.07
-10.0	7.531	-160.01	-9.17	41.89	-7.44	1.19
-11.0	7.744	-182.26	-31.26	33.49	-7.71	-0.71
-12.0	8.139	-202.85	-44.30	18.90	-7.74	-2.51
-13.0	8.620	-221.34	-48.54	3.37	-7.57	-4.11
-14.0	9.113	-237.85	-47.21	-10.26	-7.27	-5.50
-15.0	9.573	-252.68	-42.26	-21.10	-6.88	-6.65
-16.0D	9.966	-266.22	-34.15	-29.03	-6.45	-7.60
-17.0D	10.262	-278.81	-23.25	-34.26	-5.98	-8.34
-18.0D	10.435	-290.80	-10.45	-37.14	-5.47	-8.89
-19.0D	10.473	-302.54	3.08	-38.02	-4.88	-9.27
-20.0D	10.374	-314.32	16.21	-37.05	-4.20	-9.49
-21.0	10.145	-326.46	28.34	-34.10	-3.41	-9.55
-22.0	9.796	-339.30	39.97	-28.53	-2.49	-9.47
-23.0	9.324	-353.24	52.42	-18.90	-1.41	-9.22
-24.0E	8.728	-368.91	63.23	-3.24	-0.14	-8.73
-25.0F	8.081	-387.07	59.46	17.68	1.31	-7.97
-26.0	7.585	-408.04	34.95	36.66	2.89	-7.01
-27.0	7.393	-430.97	2.44	45.04	4.49	-5.87
-28.0	7.527	-454.08	-27.72	39.27	5.98	-4.57
-29.0	7.929	-475.59	-49.08	23.01	7.25	-3.20
-30.0	8.496	-494.60	-60.18	3.18	8.29	-1.87

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-25.00	0.0	10.00
-1.0	10.197	-12.90	-13.34	-28.42	-0.89	10.16
-2.0	10.271	-25.45	-1.01	-29.73	-1.72	10.13
-3.0	10.216	-37.97	11.74	-28.99	-2.51	9.90
-4.0	10.029	-50.79	24.79	-25.91	-3.29	9.47
-5.0	9.709	-64.28	37.68	-19.83	-4.06	8.82
-6.0C	9.266	-78.90	48.21	-9.89	-4.83	7.91
-7.0D	8.750	-95.15	50.93	3.89	-5.60	6.72
-8.0	8.268	-113.42	41.29	19.02	-6.35	5.30
-9.0	7.938	-133.56	22.06	30.94	-7.03	3.68
-10.0	7.830	-154.86	-1.08	35.30	-7.59	1.93
-11.0	7.955	-176.10	-22.69	30.54	-7.95	0.13
-12.0	8.272	-196.20	-37.97	19.08	-8.11	-1.62
-13.0	8.704	-214.55	-45.35	5.19	-8.09	-3.22
-14.0	9.177	-231.06	-45.99	-7.79	-7.92	-4.63
-15.0	9.627	-245.95	-41.43	-18.25	-7.66	-5.83
-16.0D	10.010	-259.59	-32.86	-25.77	-7.32	-6.83
-17.0D	10.290	-272.32	-21.44	-30.54	-6.91	-7.63
-18.0D	10.443	-284.52	-8.41	-32.97	-6.41	-8.24
-19.0D	10.460	-296.50	5.09	-33.37	-5.82	-8.69
-20.0D	10.341	-308.60	18.05	-31.86	-5.11	-8.99
-21.0	10.095	-321.12	29.76	-28.26	-4.27	-9.15
-22.0	9.737	-334.40	40.06	-22.05	-3.27	-9.17
-23.0	9.280	-348.84	49.09	-12.26	-2.10	-9.04
-24.0E	8.744	-364.94	54.60	2.05	-0.75	-8.71
-25.0F	8.201	-383.22	48.98	19.63	0.78	-8.16
-26.0	7.799	-403.78	27.47	34.65	2.42	-7.41
-27.0	7.669	-425.79	-2.68	39.73	4.09	-6.49
-28.0	7.846	-447.63	-30.82	32.26	5.66	-5.44
-29.0	8.268	-467.84	-49.82	16.35	7.04	-4.33
-30.0F	8.826	-485.74	-57.37	-1.36	8.21	-3.25

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-25.00	0.0	10.00
-1.0	10.198	-12.90	-13.63	-28.48	-0.89	10.16
-2.0	10.277	-25.44	-1.61	-29.89	-1.72	10.13
-3.0	10.229	-37.93	10.92	-29.30	-2.51	9.92
-4.0	10.051	-50.70	23.99	-26.41	-3.28	9.50
-5.0	9.738	-64.11	37.34	-20.49	-4.05	8.86
-6.0C	9.293	-78.64	48.82	-10.56	-4.81	7.95
-7.0D	8.766	-94.81	52.25	3.42	-5.57	6.77
-8.0	8.272	-113.03	42.30	18.84	-6.31	5.34
-9.0	7.935	-133.18	22.56	30.97	-7.00	3.73
-10.0	7.821	-154.49	-0.55	35.54	-7.57	1.97
-11.0	7.940	-175.80	-21.96	31.08	-7.94	0.17
-12.0	8.249	-195.99	-37.22	19.89	-8.10	-1.58
-13.0	8.675	-214.45	-44.92	6.10	-8.07	-3.20
-14.0	9.146	-231.07	-46.24	-7.01	-7.89	-4.62
-15.0	9.604	-246.06	-42.54	-17.81	-7.63	-5.83
-16.0D	10.002	-259.73	-34.72	-25.74	-7.30	-6.84
-17.0D	10.303	-272.45	-23.73	-30.90	-6.90	-7.65
-18.0D	10.481	-284.58	-10.79	-33.68	-6.43	-8.28
-19.0D	10.522	-296.44	2.82	-34.43	-5.86	-8.74
-20.0D	10.425	-308.35	15.96	-33.31	-5.19	-9.04
-21.0D	10.200	-320.63	27.80	-30.24	-4.39	-9.21
-22.0	9.861	-333.59	38.18	-24.79	-3.44	-9.24
-23.0	9.422	-347.61	47.74	-16.00	-2.33	-9.13
-24.0	8.890	-363.17	55.54	-2.60	-1.03	-8.83
-25.0E	8.316	-380.85	54.16	15.21	0.45	-8.30
-26.0F	7.844	-400.97	35.34	32.37	2.07	-7.57
-27.0	7.634	-422.91	4.88	40.70	3.74	-6.66
-28.0	7.743	-445.12	-25.50	35.87	5.34	-5.61
-29.0	8.127	-465.92	-47.75	20.79	6.78	-4.48
-30.0F	8.681	-484.41	-58.65	2.25	8.00	-3.38

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-25.00	0.0	10.00
-1.0	10.200	-12.90	-13.92	-28.53	-0.89	10.16
-2.0	10.283	-25.43	-2.22	-30.06	-1.72	10.14
-3.0	10.243	-37.89	10.08	-29.62	-2.51	9.93
-4.0	10.074	-50.60	23.12	-26.92	-3.27	9.53
-5.0	9.767	-63.94	36.87	-21.18	-4.03	8.90
-6.0C	9.324	-78.36	49.29	-11.32	-4.79	8.00
-7.0D	8.787	-94.45	53.59	2.83	-5.54	6.82
-8.0	8.278	-112.61	43.45	18.56	-6.28	5.40
-9.0	7.932	-132.74	23.24	30.94	-6.97	3.78
-10.0	7.812	-154.08	0.16	35.80	-7.55	2.03
-11.0	7.923	-175.45	-21.06	31.71	-7.92	0.22
-12.0	8.223	-195.75	-36.34	20.84	-8.08	-1.54
-13.0	8.641	-214.34	-44.36	7.20	-8.04	-3.17
-14.0	9.109	-231.11	-46.35	-6.03	-7.86	-4.60
-15.0	9.573	-246.21	-43.55	-17.16	-7.59	-5.83
-16.0D	9.986	-259.95	-36.57	-25.52	-7.26	-6.86
-17.0D	10.309	-272.68	-26.11	-31.11	-6.87	-7.69
-18.0D	10.512	-284.76	-13.33	-34.27	-6.42	-8.32
-19.0D	10.578	-296.51	0.40	-35.36	-5.88	-8.79
-20.0D	10.505	-308.26	13.79	-34.61	-5.24	-9.10
-21.0D	10.301	-320.31	25.82	-32.02	-4.48	-9.27
-22.0	9.982	-332.98	36.23	-27.26	-3.59	-9.32
-23.0	9.562	-346.60	45.92	-19.48	-2.53	-9.22
-24.0	9.044	-361.63	55.25	-7.22	-1.29	-8.95
-25.0E	8.453	-378.69	58.14	10.26	0.14	-8.45
-26.0F	7.918	-398.25	43.18	29.09	1.72	-7.73
-27.0	7.622	-419.98	13.18	40.69	3.39	-6.83
-28.0	7.655	-442.45	-18.96	39.07	5.02	-5.78
-29.0	7.986	-463.85	-44.22	25.55	6.50	-4.64
-30.0	8.522	-483.00	-58.63	6.64	7.77	-3.51

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-25.00	0.0	10.00
-1.0	10.201	-12.89	-14.21	-28.59	-0.89	10.16
-2.0	10.289	-25.41	-2.83	-30.22	-1.71	10.14
-3.0	10.257	-37.85	9.21	-29.94	-2.50	9.95
-4.0	10.097	-50.51	22.19	-27.45	-3.26	9.55
-5.0	9.799	-63.76	36.27	-21.92	-4.02	8.94
-6.0C	9.357	-78.08	49.62	-12.17	-4.77	8.05
-7.0D	8.811	-94.06	54.93	2.12	-5.51	6.88
-8.0	8.288	-112.15	44.75	18.16	-6.24	5.45
-9.0	7.931	-132.25	24.10	30.84	-6.94	3.84
-10.0	7.803	-153.60	1.05	36.07	-7.52	2.09
-11.0	7.903	-175.05	-19.99	32.43	-7.90	0.27
-12.0	8.192	-195.47	-35.30	21.95	-8.05	-1.50
-13.0	8.601	-214.23	-43.63	8.49	-8.01	-3.14
-14.0	9.065	-231.16	-46.25	-4.81	-7.82	-4.59
-15.0	9.532	-246.41	-44.39	-16.26	-7.54	-5.84
-16.0D	9.959	-260.25	-38.38	-25.08	-7.20	-6.88
-17.0D	10.304	-273.02	-28.59	-31.14	-6.82	-7.72
-18.0D	10.534	-285.07	-16.06	-34.70	-6.39	-8.38
-19.0D	10.628	-296.73	-2.25	-36.16	-5.88	-8.86
-20.0D	10.581	-308.34	11.42	-35.78	-5.27	-9.17
-21.0D	10.399	-320.18	23.73	-33.64	-4.55	-9.35
-22.0	10.102	-332.57	34.20	-29.52	-3.70	-9.40
-23.0	9.703	-345.82	43.79	-22.71	-2.69	-9.32
-24.0	9.204	-360.35	53.90	-11.73	-1.52	-9.08
-25.0E	8.610	-376.75	60.61	4.88	-0.15	-8.61
-26.0F	8.022	-395.66	50.71	24.78	1.39	-7.90
-27.0	7.639	-417.03	22.18	39.55	3.04	-7.01
-28.0	7.584	-439.63	-11.17	41.62	4.68	-5.97
-29.0	7.849	-461.58	-39.14	30.47	6.20	-4.81
-30.0	8.350	-481.45	-57.04	11.85	7.51	-3.64

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-20.00	0.0	10.00
-1.0	10.208	-13.18	-15.57	-23.71	-0.94	10.17
-2.0	10.316	-25.94	-5.32	-25.58	-1.81	10.16
-3.0	10.315	-38.57	5.45	-25.71	-2.64	9.97
-4.0	10.203	-51.32	16.56	-23.99	-3.44	9.61
-5.0	9.976	-64.51	27.82	-20.01	-4.21	9.04
-6.0	9.636	-78.48	38.36	-13.14	-4.97	8.26
-7.0C	9.204	-93.65	45.23	-2.92	-5.70	7.22
-8.0D	8.741	-110.41	43.32	9.78	-6.41	5.95
-9.0	8.355	-128.91	30.57	21.90	-7.06	4.46
-10.0	8.139	-148.78	11.00	29.37	-7.63	2.83
-11.0	8.135	-169.18	-9.83	29.49	-8.06	1.11
-12.0	8.329	-189.11	-27.29	22.52	-8.31	-0.61
-13.0	8.672	-207.77	-38.62	11.28	-8.38	-2.24
-14.0	9.096	-224.83	-43.40	-0.93	-8.30	-3.71
-15.0	9.540	-240.31	-42.41	-11.80	-8.12	-5.01
-16.0D	9.947	-254.43	-36.65	-20.23	-7.85	-6.11
-17.0D	10.277	-267.52	-27.28	-26.04	-7.51	-7.01
-18.0D	10.497	-279.91	-15.58	-29.47	-7.09	-7.74
-19.0D	10.592	-291.92	-2.82	-30.88	-6.58	-8.30
-20.0D	10.555	-303.87	9.91	-30.49	-5.95	-8.72
-21.0D	10.393	-316.03	21.63	-28.34	-5.21	-8.99
-22.0	10.119	-328.71	31.67	-24.25	-4.33	-9.15
-23.0	9.751	-342.21	39.95	-17.76	-3.29	-9.18
-24.0	9.306	-356.89	46.71	-8.11	-2.09	-9.07
-25.0E	8.807	-373.15	50.01	5.29	-0.71	-8.78
-26.0F	8.317	-391.41	43.40	20.98	0.83	-8.28
-27.0F	7.969	-411.64	22.71	33.61	2.47	-7.58
-28.0	7.880	-433.02	-5.73	36.80	4.12	-6.72
-29.0	8.078	-454.07	-31.89	28.79	5.68	-5.75
-30.0F	8.501	-473.52	-49.04	13.71	7.06	-4.73

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-20.00	0.0	10.00
-1.0	10.210	-13.18	-15.86	-23.77	-0.94	10.17
-2.0	10.322	-25.93	-5.94	-25.75	-1.81	10.16
-3.0	10.329	-38.52	4.57	-26.04	-2.64	9.99
-4.0	10.227	-51.22	15.58	-24.51	-3.43	9.64
-5.0	10.009	-64.33	27.05	-20.75	-4.19	9.09
-6.0	9.674	-78.19	38.32	-14.04	-4.94	8.32
-7.0C	9.236	-93.25	46.30	-3.77	-5.67	7.29
-8.0D	8.758	-109.91	45.05	9.25	-6.37	6.01
-9.0	8.356	-128.37	31.91	21.79	-7.02	4.53
-10.0	8.130	-148.25	11.71	29.57	-7.60	2.89
-11.0	8.120	-168.71	-9.46	29.88	-8.03	1.17
-12.0	8.311	-188.70	-27.15	22.99	-8.29	-0.55
-13.0	8.654	-207.44	-38.82	11.67	-8.37	-2.18
-14.0	9.084	-224.54	-44.14	-0.78	-8.31	-3.67
-15.0	9.538	-240.03	-43.77	-11.99	-8.14	-4.97
-16.0D	9.962	-254.12	-38.44	-20.79	-7.90	-6.07
-17.0D	10.310	-267.13	-29.11	-26.88	-7.58	-6.99
-18.0D	10.548	-279.40	-17.11	-30.50	-7.19	-7.72
-19.0D	10.656	-291.27	-3.85	-32.03	-6.71	-8.28
-20.0D	10.627	-303.05	9.40	-31.75	-6.12	-8.69
-21.0D	10.468	-315.03	21.52	-29.72	-5.41	-8.96
-22.0D	10.194	-327.51	31.70	-25.83	-4.55	-9.12
-23.0	9.826	-340.78	39.94	-19.65	-3.55	-9.16
-24.0	9.380	-355.20	47.03	-10.37	-2.37	-9.08
-25.0E	8.871	-371.18	51.88	2.93	-1.02	-8.81
-26.0E	8.351	-389.19	47.46	19.36	0.51	-8.34
-27.0F	7.956	-409.34	27.23	33.59	2.16	-7.66
-28.0	7.827	-430.86	-2.70	38.31	3.84	-6.82
-29.0	8.005	-452.20	-31.04	30.88	5.44	-5.87
-30.0F	8.431	-471.95	-50.32	15.30	6.88	-4.88

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-20.00	0.0	10.00
-1.0	10.211	-13.17	-16.15	-23.82	-0.94	10.17
-2.0	10.328	-25.92	-6.56	-25.91	-1.81	10.17
-3.0	10.343	-38.48	3.66	-26.37	-2.63	10.00
-4.0	10.251	-51.13	14.52	-25.05	-3.42	9.66
-5.0	10.043	-64.15	26.14	-21.52	-4.18	9.13
-6.0	9.715	-77.90	38.06	-15.01	-4.92	8.38
-7.0C	9.274	-92.81	47.23	-4.77	-5.64	7.36
-8.0D	8.781	-109.36	46.87	8.54	-6.33	6.09
-9.0	8.361	-127.76	33.51	21.53	-6.98	4.61
-10.0	8.121	-147.64	12.71	29.73	-7.56	2.97
-11.0	8.103	-168.15	-8.80	30.34	-8.01	1.25
-12.0	8.289	-188.23	-26.75	23.62	-8.28	-0.48
-13.0	8.630	-207.06	-38.81	12.29	-8.37	-2.12
-14.0	9.062	-224.25	-44.75	-0.37	-8.31	-3.61
-15.0	9.526	-239.79	-45.11	-11.95	-8.15	-4.92
-16.0D	9.967	-253.88	-40.31	-21.15	-7.93	-6.04
-17.0D	10.335	-266.83	-31.09	-27.56	-7.64	-6.96
-18.0D	10.592	-279.01	-18.79	-31.39	-7.28	-7.70
-19.0D	10.714	-290.74	-4.98	-33.05	-6.82	-8.26
-20.0D	10.694	-302.36	8.87	-32.86	-6.26	-8.67
-21.0D	10.537	-314.18	21.47	-30.93	-5.58	-8.94
-22.0D	10.263	-326.48	31.83	-27.19	-4.75	-9.10
-23.0	9.894	-339.56	39.94	-21.28	-3.77	-9.15
-24.0	9.449	-353.75	47.09	-12.38	-2.62	-9.08
-25.0	8.934	-369.47	53.12	0.70	-1.29	-8.84
-26.0E	8.390	-387.23	50.92	17.64	0.23	-8.39
-27.0F	7.953	-407.26	31.49	33.27	1.88	-7.73
-28.0	7.786	-428.87	0.36	39.49	3.58	-6.91
-29.0	7.942	-450.46	-29.91	32.76	5.22	-5.99
-30.0	8.367	-470.49	-51.20	16.84	6.70	-5.01

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-20.00	0.0	10.00
-1.0	10.213	-13.17	-16.44	-23.88	-0.94	10.17
-2.0	10.334	-25.90	-7.18	-26.08	-1.81	10.17
-3.0	10.357	-38.44	2.73	-26.70	-2.63	10.02
-4.0	10.276	-51.03	13.41	-25.60	-3.41	9.69
-5.0	10.080	-63.96	25.09	-22.34	-4.17	9.18
-6.0	9.759	-77.59	37.58	-16.08	-4.90	8.44
-7.0C	9.317	-92.35	47.98	-5.92	-5.60	7.44
-8.0D	8.811	-108.76	48.76	7.63	-6.28	6.18
-9.0	8.370	-127.07	35.37	21.12	-6.93	4.70
-10.0	8.114	-146.95	14.04	29.81	-7.52	3.06
-11.0	8.084	-167.51	-7.81	30.86	-7.97	1.34
-12.0	8.262	-187.69	-26.05	24.43	-8.25	-0.40
-13.0	8.597	-206.65	-38.55	13.18	-8.35	-2.05
-14.0	9.030	-223.96	-45.16	0.35	-8.30	-3.56
-15.0	9.502	-239.58	-46.35	-11.62	-8.15	-4.88
-16.0D	9.960	-253.70	-42.24	-21.27	-7.94	-6.01
-17.0D	10.350	-266.63	-33.25	-28.06	-7.67	-6.95
-18.0D	10.628	-278.73	-20.70	-32.14	-7.34	-7.69
-19.0D	10.767	-290.36	-6.35	-33.95	-6.91	-8.25
-20.0D	10.757	-301.84	8.16	-33.86	-6.38	-8.66
-21.0D	10.605	-313.50	21.33	-32.02	-5.72	-8.93
-22.0D	10.330	-325.63	31.95	-28.42	-4.91	-9.09
-23.0	9.960	-338.53	39.94	-22.76	-3.96	-9.14
-24.0	9.516	-352.51	46.94	-14.24	-2.84	-9.08
-25.0	9.000	-367.98	53.83	-1.51	-1.53	-8.87
-26.0E	8.437	-385.47	53.91	15.71	-0.03	-8.44
-27.0F	7.962	-405.34	35.73	32.60	1.62	-7.79
-28.0	7.755	-426.99	3.69	40.37	3.34	-7.00
-29.0	7.885	-448.81	-28.34	34.53	5.01	-6.09
-30.0	8.304	-469.10	-51.58	18.47	6.52	-5.14

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-15.00	0.0	10.00
-1.0	10.220	-13.45	-17.85	-19.01	-0.99	10.17
-2.0	10.362	-26.43	-9.69	-21.47	-1.91	10.18
-3.0	10.416	-39.15	-0.86	-22.48	-2.77	10.04
-4.0	10.378	-51.84	8.39	-22.01	-3.58	9.74
-5.0	10.243	-64.74	17.93	-19.89	-4.36	9.27
-6.0	10.011	-78.11	27.51	-15.74	-5.10	8.61
-7.0	9.684	-92.27	36.11	-9.06	-5.81	7.74
-8.0C	9.285	-107.56	40.88	0.35	-6.48	6.65
-9.0D	8.876	-124.27	37.58	11.39	-7.10	5.33
-10.0	8.549	-142.45	24.90	21.21	-7.64	3.84
-11.0	8.386	-161.70	6.57	26.43	-8.09	2.22
-12.0	8.417	-181.23	-12.29	25.18	-8.40	0.54
-13.0	8.625	-200.20	-27.70	18.14	-8.55	-1.10
-14.0	8.964	-217.97	-37.54	7.81	-8.56	-2.65
-15.0	9.373	-234.30	-41.42	-3.05	-8.45	-4.06
-16.0D	9.792	-249.21	-39.85	-12.54	-8.25	-5.28
-17.0D	10.172	-262.92	-33.73	-19.77	-7.97	-6.32
-18.0D	10.471	-275.73	-24.32	-24.65	-7.62	-7.19
-19.0D	10.663	-287.94	-12.92	-27.41	-7.18	-7.88
-20.0D	10.733	-299.85	-0.75	-28.38	-6.66	-8.42
-21.0D	10.679	-311.75	11.19	-27.71	-6.03	-8.81
-22.0D	10.508	-323.89	21.93	-25.46	-5.28	-9.09
-23.0D	10.237	-336.55	30.75	-21.49	-4.39	-9.25
-24.0	9.886	-349.99	37.49	-15.52	-3.36	-9.30
-25.0	9.476	-364.51	42.53	-7.03	-2.17	-9.22
-26.0	9.024	-380.42	45.11	4.40	-0.83	-8.99
-27.0E	8.576	-398.04	40.86	17.95	0.67	-8.55
-28.0F	8.229	-417.43	24.92	29.81	2.26	-7.91
-29.0F	8.098	-437.98	0.02	34.42	3.87	-7.11
-30.0F	8.230	-458.51	-25.14	29.18	5.42	-6.19

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-15.00	0.0	10.00
-1.0	10.222	-13.45	-18.14	-19.07	-0.99	10.17
-2.0	10.368	-26.41	-10.32	-21.64	-1.91	10.19
-3.0	10.430	-39.10	-1.81	-22.81	-2.77	10.06
-4.0	10.403	-51.74	7.24	-22.56	-3.57	9.77
-5.0	10.281	-64.55	16.76	-20.70	-4.34	9.32
-6.0	10.059	-77.80	26.68	-16.81	-5.08	8.68
-7.0	9.736	-91.80	36.18	-10.31	-5.78	7.83
-8.0C	9.330	-106.92	42.30	-0.84	-6.44	6.75
-9.0D	8.900	-123.51	39.94	10.62	-7.04	5.44
-10.0D	8.550	-141.63	27.05	21.08	-7.59	3.94
-11.0	8.368	-160.91	7.92	26.85	-8.04	2.32
-12.0	8.389	-180.53	-11.75	25.88	-8.36	0.64
-13.0	8.596	-199.61	-27.89	18.81	-8.54	-1.01
-14.0	8.941	-217.48	-38.46	8.19	-8.56	-2.57
-15.0	9.362	-233.85	-43.05	-3.14	-8.47	-3.98
-16.0D	9.802	-248.74	-41.94	-13.11	-8.30	-5.22
-17.0D	10.203	-262.37	-35.85	-20.71	-8.05	-6.27
-18.0D	10.522	-275.06	-26.02	-25.79	-7.74	-7.13
-19.0C	10.728	-287.11	-13.93	-28.65	-7.34	-7.82
-20.0C	10.804	-298.86	-0.96	-29.62	-6.85	-8.35
-21.0D	10.749	-310.57	11.70	-28.92	-6.25	-8.75
-22.0D	10.570	-322.55	22.95	-26.62	-5.52	-9.01
-23.0D	10.287	-335.06	31.90	-22.62	-4.65	-9.18
-24.0	9.925	-348.37	38.46	-16.66	-3.64	-9.24
-25.0	9.506	-362.75	43.48	-8.19	-2.46	-9.18
-26.0	9.041	-378.55	46.79	3.45	-1.12	-8.97
-27.0E	8.570	-396.12	43.65	17.71	0.38	-8.56
-28.0F	8.194	-415.57	27.48	30.64	1.99	-7.95
-29.0F	8.045	-436.32	0.82	35.92	3.64	-7.17
-30.0F	8.179	-457.09	-26.33	30.42	5.23	-6.29

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-15.00	0.0	10.00
-1.0	10.223	-13.45	-18.43	-19.12	-0.99	10.18
-2.0	10.374	-26.40	-10.95	-21.81	-1.90	10.20
-3.0	10.445	-39.06	-2.77	-23.15	-2.76	10.07
-4.0	10.428	-51.64	6.02	-23.12	-3.57	9.80
-5.0	10.319	-64.36	15.46	-21.53	-4.33	9.37
-6.0	10.110	-77.48	25.61	-17.95	-5.06	8.75
-7.0	9.795	-91.31	35.92	-11.72	-5.75	7.93
-8.0C	9.384	-106.25	43.49	-2.29	-6.40	6.87
-9.0D	8.935	-122.66	42.42	9.54	-6.99	5.57
-10.0D	8.557	-140.69	29.63	20.69	-7.53	4.07
-11.0	8.353	-159.97	9.79	27.17	-7.99	2.45
-12.0	8.359	-179.70	-10.67	26.70	-8.32	0.76
-13.0	8.559	-198.91	-27.61	19.77	-8.51	-0.91
-14.0	8.905	-216.92	-39.03	8.94	-8.55	-2.48
-15.0	9.337	-233.38	-44.48	-2.83	-8.48	-3.90
-16.0D	9.794	-248.30	-44.05	-13.33	-8.33	-5.15
-17.0D	10.219	-261.91	-38.16	-21.37	-8.11	-6.21
-18.0D	10.560	-274.50	-27.99	-26.72	-7.83	-7.08
-19.0C	10.783	-286.43	-15.22	-29.70	-7.47	-7.77
-20.0C	10.868	-298.03	-1.43	-30.70	-7.01	-8.30
-21.0D	10.813	-309.59	12.04	-29.98	-6.44	-8.69
-22.0D	10.627	-321.42	23.87	-27.64	-5.73	-8.95
-23.0D	10.334	-333.79	33.01	-23.61	-4.87	-9.11
-24.0	9.962	-346.98	39.34	-17.66	-3.87	-9.18
-25.0	9.534	-361.25	44.21	-9.24	-2.71	-9.14
-26.0	9.060	-376.94	48.10	2.51	-1.38	-8.96
-27.0E	8.570	-394.44	46.09	17.35	0.13	-8.57
-28.0F	8.168	-413.92	29.90	31.25	1.76	-7.98
-29.0F	8.000	-434.84	1.67	37.18	3.44	-7.23
-30.0	8.136	-455.80	-27.32	31.49	5.06	-6.37

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-15.00	0.0	10.00
-1.0	10.224	-13.45	-18.72	-19.18	-0.99	10.18
-2.0	10.380	-26.39	-11.59	-21.98	-1.90	10.20
-3.0	10.459	-39.02	-3.76	-23.49	-2.76	10.09
-4.0	10.455	-51.54	4.75	-23.69	-3.56	9.83
-5.0	10.359	-64.17	14.03	-22.38	-4.32	9.42
-6.0	10.164	-77.16	24.29	-19.15	-5.03	8.83
-7.0	9.860	-90.81	35.27	-13.27	-5.72	8.03
-8.0C	9.449	-105.52	44.35	-4.01	-6.35	7.00
-9.0D	8.982	-121.72	44.98	8.11	-6.93	5.71
-10.0D	8.574	-139.61	32.69	20.00	-7.46	4.22
-11.0	8.341	-158.88	12.28	27.36	-7.93	2.60
-12.0	8.325	-178.69	-8.97	27.60	-8.28	0.90
-13.0	8.512	-198.07	-26.75	21.03	-8.48	-0.78
-14.0	8.854	-216.27	-39.12	10.14	-8.53	-2.37
-15.0	9.292	-232.89	-45.62	-2.05	-8.47	-3.81
-16.0D	9.767	-247.91	-46.12	-13.13	-8.34	-5.08
-17.0D	10.215	-261.53	-40.69	-21.70	-8.15	-6.16
-18.0D	10.582	-274.09	-30.36	-27.41	-7.90	-7.04
-19.0C	10.826	-285.92	-16.98	-30.58	-7.57	-7.74
-20.0C	10.925	-297.39	-2.37	-31.67	-7.14	-8.27
-21.0C	10.875	-308.82	11.95	-30.97	-6.59	-8.65
-22.0D	10.687	-320.50	24.50	-28.62	-5.90	-8.91
-23.0D	10.385	-332.73	33.94	-24.58	-5.07	-9.06
-24.0	10.004	-345.78	40.11	-18.69	-4.08	-9.13
-25.C	9.570	-359.92	44.72	-10.37	-2.93	-9.11
-26.0	9.089	-375.48	49.10	1.36	-1.61	-8.95
-27.0E	8.582	-392.87	48.42	16.63	-0.11	-8.58
-28.0F	8.152	-412.35	32.63	31.50	1.53	-8.01
-29.0F	7.963	-433.38	3.08	38.26	3.24	-7.28
-30.C	8.093	-454.52	-27.70	32.62	4.89	-6.45

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-10.00	0.0	10.00
-1.0	10.232	-13.73	-20.17	-14.33	-1.04	10.18
-2.0	10.408	-26.91	-14.11	-17.40	-2.00	10.21
-3.0	10.518	-39.72	-7.20	-19.28	-2.90	10.11
-4.0	10.554	-52.34	0.30	-19.99	-3.73	9.87
-5.0	10.511	-64.97	8.18	-19.48	-4.51	9.49
-6.0	10.385	-77.79	16.33	-17.59	-5.24	8.96
-7.0	10.176	-91.03	24.56	-14.02	-5.93	8.27
-8.0	9.885	-104.95	32.17	-8.36	-6.57	7.38
-9.0C	9.527	-119.84	37.05	-0.42	-7.15	6.29
-10.0D	9.149	-135.96	35.68	9.13	-7.66	5.00
-11.0D	8.827	-153.39	25.91	18.13	-8.09	3.54
-12.0	8.640	-171.85	9.86	23.64	-8.42	1.96
-13.0	8.631	-190.71	-7.91	23.68	-8.62	0.32
-14.0	8.794	-209.22	-23.38	18.31	-8.70	-1.30
-15.0	9.093	-226.75	-34.14	9.43	-8.64	-2.82
-16.0D	9.473	-243.00	-39.35	-0.49	-8.48	-4.22
-17.0D	9.879	-257.92	-39.18	-9.52	-8.24	-5.44
-18.0D	10.259	-271.67	-34.39	-16.65	-7.94	-6.49
-19.0D	10.571	-284.50	-26.15	-21.62	-7.58	-7.37
-20.0C	10.786	-296.71	-15.76	-24.63	-7.15	-8.08
-21.0C	10.890	-308.55	-4.38	-25.94	-6.64	-8.63
-22.0D	10.876	-320.30	7.03	-25.75	-6.04	-9.05
-23.0D	10.749	-332.21	17.56	-24.14	-5.33	-9.33
-24.0D	10.523	-344.51	26.37	-21.08	-4.50	-9.51
-25.0	10.217	-357.44	32.94	-16.46	-3.55	-9.58
-26.0	9.856	-371.24	37.41	-10.03	-2.46	-9.55
-27.0	9.458	-386.14	40.20	-1.44	-1.23	-9.38
-28.0	9.043	-402.39	40.16	9.35	0.14	-9.04
-29.0E	8.660	-420.19	33.31	21.00	1.62	-8.51
-30.0F	8.396	-439.40	16.71	29.81	3.16	-7.78

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-10.00	0.0	10.00
-1.0	10.234	-13.73	-20.46	-14.38	-1.04	10.18
-2.0	10.415	-26.90	-14.75	-17.58	-2.00	10.22
-3.0	10.532	-39.68	-8.19	-19.62	-2.89	10.13
-4.0	10.580	-52.24	-1.00	-20.55	-3.72	9.90
-5.0	10.551	-64.77	6.68	-20.31	-4.50	9.55
-6.0	10.442	-77.46	14.82	-18.75	-5.22	9.04
-7.0	10.247	-90.52	23.37	-15.54	-5.90	8.38
-8.0	9.964	-104.22	31.88	-10.20	-6.53	7.53
-9.0C	9.601	-118.86	38.36	-2.33	-7.10	6.47
-10.0C	9.200	-134.75	38.71	7.60	-7.60	5.19
-11.0D	8.842	-152.04	29.59	17.48	-8.02	3.73
-12.0	8.621	-170.49	12.94	24.02	-8.35	2.15
-13.0	8.586	-189.48	-6.02	24.83	-8.57	0.50
-14.0	8.736	-208.20	-22.82	19.73	-8.66	-1.13
-15.0	9.036	-225.94	-34.89	10.61	-8.63	-2.68
-16.0	9.430	-242.34	-41.25	0.10	-8.49	-4.10
-17.0D	9.860	-257.33	-41.85	-9.62	-8.28	-5.35
-18.0D	10.269	-271.06	-37.27	-17.32	-8.02	-6.42
-19.0D	10.609	-283.81	-28.68	-22.66	-7.69	-7.30
-20.0C	10.847	-295.88	-17.55	-25.86	-7.30	-8.02
-21.0C	10.964	-307.55	-5.25	-27.24	-6.83	-8.57
-22.0C	10.954	-319.12	7.09	-27.05	-6.27	-8.98
-23.0D	10.822	-330.84	18.44	-25.40	-5.59	-9.27
-24.0D	10.584	-342.97	27.75	-22.28	-4.79	-9.44
-25.0D	10.264	-355.76	34.37	-17.60	-3.85	-9.52
-26.0	9.889	-369.42	38.65	-11.12	-2.77	-9.49
-27.0	9.478	-384.21	41.54	-2.42	-1.54	-9.35
-28.0	9.046	-400.39	42.28	8.78	-0.17	-9.04
-29.0E	8.636	-418.20	36.19	21.30	1.32	-8.53
-30.0F	8.345	-437.55	18.88	31.13	2.89	-7.83

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-10.00	0.0	10.00
-1.0	10.235	-13.73	-20.75	-14.44	-1.04	10.18
-2.0	10.421	-26.88	-15.40	-17.75	-2.00	10.23
-3.0	10.547	-39.63	-9.21	-19.97	-2.89	10.14
-4.0	10.607	-52.14	-2.34	-21.12	-3.71	9.94
-5.0	10.593	-64.58	5.08	-21.17	-4.48	9.60
-6.0	10.501	-77.13	13.09	-19.96	-5.20	9.12
-7.0	10.323	-90.01	21.80	-17.16	-5.87	8.49
-8.0	10.053	-103.46	31.01	-12.25	-6.49	7.68
-9.0C	9.692	-117.81	39.09	-4.65	-7.04	6.66
-10.0C	9.272	-133.40	41.63	5.50	-7.53	5.41
-11.0D	8.877	-150.47	33.87	16.25	-7.94	3.97
-12.0	8.611	-168.86	16.99	24.05	-8.27	2.38
-13.0	8.540	-187.96	-3.04	26.00	-8.51	0.73
-14.0	8.667	-206.90	-21.24	21.54	-8.62	-0.93
-15.0	8.958	-224.92	-34.80	12.42	-8.60	-2.51
-16.0	9.359	-241.56	-42.62	1.39	-8.48	-3.95
-17.0D	9.810	-256.72	-44.43	-9.08	-8.30	-5.23
-18.0D	10.248	-270.53	-40.47	-17.49	-8.06	-6.33
-19.0D	10.621	-283.26	-31.78	-23.35	-7.77	-7.24
-20.0C	10.888	-295.24	-20.04	-26.85	-7.42	-7.97
-21.0C	11.026	-306.78	-6.86	-28.39	-6.99	-8.53
-22.0C	11.028	-318.18	6.46	-28.28	-6.46	-8.94
-23.0D	10.897	-329.73	18.75	-26.64	-5.81	-9.22
-24.0D	10.652	-341.68	28.76	-23.51	-5.03	-9.39
-25.0D	10.320	-354.30	35.60	-18.82	-4.11	-9.47
-26.0	9.933	-367.81	39.71	-12.37	-3.05	-9.45
-27.0	9.512	-382.45	42.60	-3.68	-1.84	-9.33
-28.0	9.066	-398.51	44.16	7.76	-0.47	-9.05
-29.0E	8.630	-416.25	39.22	21.06	1.03	-8.57
-30.0F	8.308	-435.68	21.70	32.04	2.62	-7.88

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-10.00	0.0	10.00
-1.0	10.236	-13.72	-21.04	-14.50	-1.04	10.18
-2.0	10.427	-26.87	-16.06	-17.92	-2.00	10.23
-3.0	10.562	-39.59	-10.24	-20.32	-2.89	10.16
-4.0	10.634	-52.04	-3.74	-21.70	-3.71	9.97
-5.0	10.636	-64.39	3.38	-22.04	-4.47	9.65
-6.0	10.563	-76.80	11.17	-21.20	-5.17	9.21
-7.0	10.405	-89.48	19.85	-18.87	-5.83	8.62
-8.0	10.153	-102.67	29.50	-14.50	-6.44	7.85
-9.0C	9.802	-116.69	39.02	-7.38	-6.99	6.87
-10.0C	9.370	-131.92	44.15	2.75	-7.46	5.66
-11.0D	8.936	-148.67	38.65	14.27	-7.86	4.24
-12.0	8.618	-166.91	22.17	23.54	-8.19	2.67
-13.0	8.497	-186.06	1.22	27.05	-8.44	1.00
-14.0	8.588	-205.26	-18.39	23.70	-8.56	-0.68
-15.0	8.858	-223.63	-33.60	14.95	-8.56	-2.29
-16.0	9.256	-240.63	-43.18	3.58	-8.45	-3.77
-17.0D	9.721	-256.07	-46.69	-7.70	-8.28	-5.09
-18.0D	10.189	-270.06	-43.93	-17.00	-8.06	-6.23
-19.0D	10.600	-282.86	-35.63	-23.58	-7.81	-7.17
-20.0C	10.905	-294.82	-23.55	-27.57	-7.49	-7.92
-21.0C	11.075	-306.26	-9.59	-29.41	-7.10	-8.50
-22.0C	11.100	-317.52	4.74	-29.49	-6.60	-8.92
-23.0C	10.982	-328.88	18.12	-27.98	-5.99	-9.20
-24.0D	10.737	-340.63	29.11	-24.93	-5.24	-9.37
-25.0D	10.399	-353.04	36.51	-20.33	-4.35	-9.45
-26.0	10.002	-366.34	40.60	-14.01	-3.31	-9.44
-27.0	9.572	-380.77	43.44	-5.51	-2.12	-9.33
-28.0	9.114	-396.60	45.83	5.93	-0.78	-9.08
-29.0E	8.653	-414.17	42.68	19.89	0.72	-8.62
-30.0F	8.290	-433.55	25.88	32.28	2.32	-7.96

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-5.00	0.0	10.00
-1.0	10.244	-14.00	-22.53	-9.66	-1.09	10.19
-2.0	10.456	-27.39	-18.59	-13.38	-2.10	10.24
-3.0	10.621	-40.28	-13.54	-16.12	-3.03	10.18
-4.0	10.730	-52.83	-7.69	-17.91	-3.88	10.00
-5.0	10.776	-65.19	-1.29	-18.76	-4.66	9.72
-6.0	10.755	-77.51	5.47	-18.65	-5.39	9.31
-7.0	10.664	-89.95	12.48	-17.47	-6.05	8.78
-8.0	10.499	-102.69	19.69	-15.04	-6.67	8.11
-9.0	10.261	-115.93	26.87	-11.01	-7.22	7.29
-10.0	9.953	-129.91	33.11	-5.06	-7.71	6.29
-11.0C	9.594	-144.89	36.11	2.84	-8.12	5.10
-12.0D	9.236	-161.05	32.65	11.74	-8.45	3.74
-13.0D	8.953	-178.39	21.55	19.45	-8.67	2.23
-14.0	8.813	-196.57	5.42	23.37	-8.79	0.64
-15.0	8.845	-214.96	-11.48	22.10	-8.79	-0.97
-16.0	9.038	-232.85	-25.67	16.14	-8.68	-2.53
-17.0	9.354	-249.74	-35.17	7.43	-8.46	-3.99
-18.0D	9.739	-265.39	-39.34	-1.84	-8.17	-5.30
-19.0D	10.141	-279.78	-38.42	-10.02	-7.83	-6.45
-20.0D	10.511	-293.11	-33.24	-16.34	-7.45	-7.42
-21.0C	10.810	-305.59	-24.97	-20.69	-7.02	-8.22
-22.0C	11.015	-317.51	-14.85	-23.28	-6.56	-8.85
-23.0C	11.111	-329.10	-3.91	-24.36	-6.03	-9.34
-24.0C	11.095	-340.62	7.01	-24.10	-5.42	-9.68
-25.0D	10.971	-352.28	17.10	-22.57	-4.72	-9.90
-26.0D	10.751	-364.32	25.53	-19.77	-3.91	-10.01
-27.0D	10.456	-376.95	31.68	-15.63	-2.99	-10.02
-28.0	10.111	-390.36	35.52	-10.00	-1.95	-9.92
-29.0	9.736	-404.76	37.59	-2.69	-0.79	-9.70
-30.0	9.348	-420.34	37.76	6.42	0.49	-9.34

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-5.00	0.0	10.00
-1.0	10.246	-14.00	-22.82	-9.71	-1.09	10.19
-2.0	10.462	-27.37	-19.24	-13.55	-2.09	10.25
-3.0	10.636	-40.24	-14.58	-16.47	-3.02	10.20
-4.0	10.757	-52.73	-9.09	-18.48	-3.87	10.04
-5.0	10.820	-65.00	-3.00	-19.61	-4.65	9.77
-6.0	10.817	-77.18	3.53	-19.82	-5.36	9.39
-7.0	10.746	-89.44	10.43	-19.04	-6.02	8.90
-8.0	10.603	-101.93	17.72	-17.07	-6.62	8.28
-9.0	10.382	-114.86	25.42	-13.58	-7.17	7.51
-10.0	10.083	-128.47	32.98	-8.10	-7.65	6.57
-11.0C	9.715	-143.03	38.32	-0.32	-8.06	5.43
-12.0D	9.320	-158.81	37.49	9.18	-8.37	4.10
-13.0D	8.980	-175.92	27.71	18.31	-8.59	2.61
-14.0	8.777	-194.10	11.07	24.02	-8.72	1.02
-15.0	8.759	-212.71	-7.47	24.24	-8.74	-0.62
-16.0	8.922	-230.99	-23.78	18.96	-8.64	-2.22
-17.0	9.230	-248.30	-35.47	10.05	-8.44	-3.73
-18.0D	9.629	-264.30	-41.61	-0.02	-8.17	-5.09
-19.0D	10.062	-278.94	-42.10	-9.22	-7.86	-6.28
-20.0D	10.473	-292.38	-37.54	-16.44	-7.51	-7.30
-21.0C	10.816	-304.87	-29.12	-21.44	-7.13	-8.13
-22.0C	11.060	-316.69	-18.31	-24.45	-6.71	-8.79
-23.0C	11.187	-328.13	-6.38	-25.80	-6.23	-9.29
-24.0C	11.190	-339.44	5.66	-25.71	-5.67	-9.65
-25.0C	11.074	-350.87	16.90	-24.28	-5.01	-9.88
-26.0D	10.851	-362.66	26.32	-21.53	-4.24	-9.99
-27.0D	10.545	-375.04	33.07	-17.42	-3.35	-10.00
-28.0	10.184	-388.22	37.07	-11.83	-2.34	-9.91
-29.0	9.793	-402.40	39.23	-4.51	-1.19	-9.72
-30.0	9.386	-417.79	40.09	4.82	0.08	-9.39

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-5.00	0.0	10.00
-1.0	10.247	-14.00	-23.12	-9.77	-1.09	10.19
-2.0	10.468	-27.36	-19.91	-13.73	-2.09	10.26
-3.0	10.651	-40.19	-15.64	-16.82	-3.02	10.21
-4.0	10.785	-52.63	-10.53	-19.06	-3.86	10.07
-5.0	10.864	-64.80	-4.79	-20.46	-4.63	9.83
-6.0	10.882	-76.85	1.46	-21.00	-5.34	9.48
-7.0	10.833	-88.92	8.14	-20.63	-5.99	9.03
-8.0	10.713	-101.16	15.33	-19.18	-6.58	8.46
-9.0	10.517	-113.76	23.20	-16.32	-7.11	7.75
-10.0	10.237	-126.95	31.64	-11.54	-7.59	6.87
-11.0C	9.873	-141.02	39.22	-4.28	-7.99	5.80
-12.0C	9.451	-156.30	41.88	5.42	-8.30	4.53
-13.0D	9.050	-173.00	34.86	15.85	-8.51	3.07
-14.0	8.770	-191.02	18.68	23.74	-8.64	1.48
-15.0	8.680	-209.78	-1.17	26.19	-8.68	-0.17
-16.0	8.789	-228.48	-19.67	22.40	-8.60	-1.81
-17.0	9.067	-246.34	-33.91	13.86	-8.42	-3.38
-18.0	9.464	-262.88	-42.62	3.20	-8.16	-4.80
-19.0D	9.919	-277.96	-45.39	-7.14	-7.85	-6.06
-20.0D	10.372	-291.69	-42.35	-15.57	-7.53	-7.14
-21.0C	10.768	-304.31	-34.45	-21.55	-7.18	-8.03
-22.0C	11.066	-316.14	-23.32	-25.25	-6.80	-8.73
-23.0C	11.240	-327.48	-10.57	-27.06	-6.36	-9.27
-24.0C	11.281	-338.61	2.60	-27.30	-5.85	-9.64
-25.0C	11.189	-349.80	15.16	-26.13	-5.25	-9.88
-26.0D	10.977	-361.31	25.96	-23.58	-4.53	-10.00
-27.0D	10.668	-373.39	33.83	-19.65	-3.68	-10.01
-28.0	10.296	-386.25	38.37	-14.24	-2.71	-9.93
-29.0	9.891	-400.10	40.68	-7.13	-1.60	-9.76
-30.0	9.467	-415.16	42.16	2.13	-0.36	-9.46

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	-5.00	0.0	10.00
-1.0	10.249	-14.00	-23.41	-9.83	-1.09	10.19
-2.0	10.475	-27.34	-20.58	-13.91	-2.09	10.26
-3.0	10.666	-40.15	-16.72	-17.18	-3.01	10.23
-4.0	10.814	-52.53	-12.01	-19.64	-3.85	10.10
-5.0	10.909	-64.61	-6.63	-21.31	-4.62	9.88
-6.0	10.947	-76.52	-0.72	-22.19	-5.32	9.57
-7.0	10.923	-88.39	5.67	-22.24	-5.95	9.16
-8.0	10.830	-100.38	12.59	-21.31	-6.53	8.64
-9.0	10.662	-112.64	20.30	-19.15	-7.06	7.99
-10.0	10.411	-125.39	29.06	-15.24	-7.53	7.19
-11.0	10.066	-138.91	38.30	-8.90	-7.92	6.21
-12.0C	9.636	-153.55	44.80	0.38	-8.23	5.02
-13.0D	9.181	-169.65	42.35	11.68	-8.44	3.61
-14.0D	8.811	-187.28	28.29	21.90	-8.57	2.05
-15.0	8.624	-206.04	7.82	27.33	-8.61	0.39
-16.0	8.651	-225.12	-12.71	26.10	-8.55	-1.29
-17.0	8.872	-243.63	-29.67	18.91	-8.38	-2.91
-18.0	9.240	-260.92	-41.41	8.22	-8.12	-4.41
-19.0D	9.699	-276.69	-47.36	-3.19	-7.81	-5.75
-20.0D	10.187	-290.95	-47.12	-13.17	-7.48	-6.91
-21.0D	10.642	-303.91	-40.96	-20.60	-7.15	-7.88
-22.0C	11.010	-315.90	-30.30	-25.40	-6.80	-8.66
-23.0C	11.253	-327.24	-17.10	-28.01	-6.41	-9.25
-24.0C	11.356	-338.24	-2.94	-28.84	-5.95	-9.67
-25.0C	11.314	-349.20	11.01	-28.15	-5.41	-9.94
-26.0C	11.136	-360.39	23.56	-26.03	-4.76	-10.07
-27.0D	10.842	-372.07	33.26	-22.49	-3.98	-10.09
-28.0D	10.469	-384.49	39.12	-17.49	-3.06	-10.01
-29.0	10.053	-397.86	41.89	-10.85	-2.01	-9.85
-30.0	9.615	-412.41	43.77	-2.08	-0.82	-9.58

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	0.0	0.0	10.00
-1.0	10.257	-14.28	-24.94	-5.00	-1.14	10.19
-2.0	10.504	-27.86	-23.12	-9.39	-2.19	10.27
-3.0	10.725	-40.83	-19.88	-13.00	-3.15	10.25
-4.0	10.907	-53.31	-15.54	-15.79	-4.03	10.14
-5.0	11.040	-65.42	-10.38	-17.77	-4.82	9.93
-6.0	11.117	-77.29	-4.65	-18.98	-5.53	9.64
-7.0	11.134	-89.05	1.42	-19.42	-6.17	9.27
-8.0	11.088	-100.82	7.68	-19.07	-6.76	8.79
-9.0	10.977	-112.75	14.03	-17.85	-7.28	8.21
-10.0	10.800	-124.99	20.51	-15.57	-7.75	7.52
-11.0	10.557	-137.71	27.07	-11.95	-8.17	6.69
-12.0	10.248	-151.13	33.21	-6.61	-8.52	5.70
-13.0C	9.885	-165.48	37.22	0.66	-8.78	4.54
-14.0C	9.504	-180.97	36.03	9.38	-8.94	3.22
-15.0D	9.174	-197.70	27.27	17.83	-9.01	1.74
-16.0	8.968	-215.43	12.18	23.44	-8.97	0.18
-17.0	8.933	-233.63	-5.30	24.20	-8.82	-1.42
-18.0	9.072	-251.59	-21.27	19.87	-8.57	-2.98
-19.0	9.354	-268.72	-33.17	11.95	-8.23	-4.45
-20.0D	9.732	-284.65	-39.87	2.67	-7.83	-5.78
-21.0D	10.152	-299.31	-41.27	-6.05	-7.40	-6.95
-22.0D	10.560	-312.79	-37.96	-13.11	-6.96	-7.94
-23.0C	10.916	-325.31	-31.02	-18.22	-6.51	-8.76
-24.0C	11.187	-337.13	-21.72	-21.53	-6.05	-9.41
-25.0C	11.356	-348.50	-11.16	-23.32	-5.55	-9.91
-26.0C	11.414	-359.65	-0.18	-23.82	-5.01	-10.26
-27.0C	11.360	-370.80	10.56	-23.12	-4.40	-10.47
-28.0D	11.201	-382.16	20.30	-21.27	-3.71	-10.57
-29.0D	10.951	-393.96	28.24	-18.23	-2.92	-10.56
-30.0D	10.632	-406.38	33.70	-13.96	-2.02	-10.44

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	0.0	0.0	10.00
-1.0	10.258	-14.28	-25.23	-5.06	-1.14	10.20
-2.0	10.510	-27.84	-23.79	-9.57	-2.19	10.28
-3.0	10.740	-40.79	-20.97	-13.35	-3.15	10.27
-4.0	10.935	-53.21	-17.02	-16.36	-4.02	10.17
-5.0	11.085	-65.23	-12.19	-18.60	-4.80	9.99
-6.0	11.183	-76.96	-6.73	-20.09	-5.51	9.73
-7.0	11.222	-88.54	-0.85	-20.85	-6.14	9.39
-8.0	11.199	-100.08	5.27	-20.89	-6.71	8.97
-9.0	11.113	-111.72	11.54	-20.13	-7.22	8.45
-10.0	10.962	-123.60	18.02	-18.43	-7.68	7.82
-11.0	10.743	-135.88	24.86	-15.53	-8.09	7.07
-12.0	10.453	-148.76	32.02	-10.99	-8.44	6.17
-13.0	10.090	-162.48	38.52	-4.33	-8.71	5.10
-14.0C	9.677	-177.33	41.28	4.55	-8.88	3.85
-15.0D	9.273	-193.52	36.13	14.45	-8.95	2.42
-16.0D	8.969	-211.01	22.20	22.69	-8.93	0.87
-17.0	8.836	-229.36	3.46	26.35	-8.80	-0.75
-18.0	8.898	-247.84	-15.23	24.14	-8.58	-2.37
-19.0	9.135	-265.68	-30.46	16.95	-8.25	-3.92
-20.0	9.503	-282.34	-40.51	7.10	-7.87	-5.33
-21.0D	9.944	-297.61	-44.83	-2.96	-7.45	-6.59
-22.0D	10.401	-311.54	-43.55	-11.53	-7.03	-7.67
-23.0D	10.819	-324.32	-37.50	-17.91	-6.60	-8.57
-24.0C	11.156	-336.22	-28.10	-22.15	-6.18	-9.29
-25.0C	11.387	-347.54	-16.80	-24.58	-5.73	-9.84
-26.0C	11.497	-358.53	-4.71	-25.54	-5.25	-10.23
-27.0C	11.483	-369.43	7.37	-25.20	-4.70	-10.48
-28.0C	11.349	-380.49	18.65	-23.63	-4.07	-10.60
-29.0D	11.108	-391.93	28.17	-20.83	-3.34	-10.60
-30.0D	10.783	-403.98	34.94	-16.75	-2.49	-10.49

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	0.0	0.0	10.00
-1.0	10.260	-14.27	-25.52	-5.12	-1.14	10.20
-2.0	10.517	-27.83	-24.46	-9.75	-2.19	10.29
-3.0	10.756	-40.74	-22.06	-13.71	-3.15	10.29
-4.0	10.964	-53.11	-18.52	-16.94	-4.01	10.20
-5.0	11.131	-65.03	-14.04	-19.42	-4.79	10.05
-6.0	11.249	-76.64	-8.83	-21.19	-5.48	9.82
-7.0	11.310	-88.04	-3.13	-22.26	-6.10	9.52
-8.0	11.312	-99.35	2.86	-22.64	-6.66	9.14
-9.0	11.251	-110.71	8.99	-22.31	-7.16	8.68
-10.0	11.127	-122.24	15.31	-21.17	-7.61	8.12
-11.0	10.937	-134.08	22.02	-19.00	-8.01	7.45
-12.0	10.674	-146.42	29.44	-15.40	-8.35	6.65
-13.0	10.333	-159.48	37.41	-9.78	-8.63	5.68
-14.0C	9.914	-173.57	43.94	-1.56	-8.82	4.53
-15.0C	9.455	-189.00	44.13	8.95	-8.90	3.18
-16.0D	9.048	-205.94	33.78	19.56	-8.89	1.67
-17.0	8.793	-224.16	15.23	26.78	-8.79	0.05
-18.0	8.744	-243.00	-5.58	27.97	-8.59	-1.61
-19.0	8.899	-261.58	-24.13	22.87	-8.29	-3.23
-20.0	9.221	-279.17	-37.97	13.40	-7.91	-4.74
-21.0	9.656	-295.33	-46.14	2.30	-7.48	-6.10
-22.0D	10.144	-309.99	-48.30	-8.03	-7.05	-7.29
-23.0D	10.624	-323.27	-44.59	-16.18	-6.64	-8.30
-24.0C	11.040	-335.47	-36.12	-21.83	-6.23	-9.11
-25.0C	11.353	-346.88	-24.63	-25.27	-5.83	-9.74
-26.0C	11.539	-357.81	-11.69	-26.96	-5.39	-10.20
-27.0C	11.590	-368.53	1.63	-27.20	-4.91	-10.50
-28.0C	11.507	-379.29	14.52	-26.12	-4.35	-10.65
-29.0C	11.298	-390.34	26.01	-23.75	-3.69	-10.68
-30.0D	10.984	-401.92	34.81	-20.07	-2.92	-10.59

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	0.0	0.0	10.00
-1.0	10.261	-14.27	-25.82	-5.18	-1.14	10.20
-2.0	10.523	-27.82	-25.14	-9.93	-2.19	10.29
-3.0	10.771	-40.70	-23.18	-14.07	-3.14	10.30
-4.0	10.993	-53.00	-20.05	-17.51	-4.00	10.24
-5.0	11.178	-64.84	-15.91	-20.24	-4.77	10.11
-6.0B	11.316	-76.31	-10.94	-22.27	-5.46	9.91
-7.0B	11.399	-87.53	-5.37	-23.62	-6.07	9.65
-8.0B	11.424	-98.63	0.54	-24.31	-6.61	9.32
-9.0	11.388	-109.72	6.60	-24.34	-7.09	8.91
-10.0	11.289	-120.92	12.74	-23.67	-7.53	8.41
-11.0	11.126	-132.36	19.14	-22.14	-7.91	7.82
-12.0	10.895	-144.19	26.23	-19.45	-8.26	7.11
-13.0	10.586	-156.62	34.45	-15.03	-8.54	6.25
-14.0	10.188	-169.93	43.27	-8.10	-8.75	5.22
-15.0C	9.711	-184.46	49.00	1.89	-8.86	3.98
-16.0D	9.220	-200.57	44.87	13.88	-8.86	2.54
-17.0	8.835	-218.30	28.92	24.52	-8.78	0.95
-18.0	8.648	-237.19	7.19	30.01	-8.62	-0.72
-19.0	8.686	-256.38	-14.14	28.52	-8.35	-2.41
-20.0	8.924	-274.95	-31.65	20.89	-7.97	-4.01
-21.0	9.315	-292.22	-43.88	9.73	-7.53	-5.49
-22.0D	9.802	-307.91	-50.36	-2.10	-7.07	-6.79
-23.0D	10.324	-322.02	-50.66	-12.39	-6.63	-7.92
-24.0D	10.817	-334.77	-44.84	-20.03	-6.22	-8.85
-25.0C	11.225	-346.50	-34.30	-24.99	-5.83	-9.59
-26.0C	11.510	-357.52	-21.10	-27.77	-5.43	-10.15
-27.0C	11.653	-368.15	-6.83	-28.85	-5.00	-10.52
-28.0C	11.649	-378.67	7.50	-28.48	-4.52	-10.74
-29.0C	11.503	-389.34	20.98	-26.77	-3.95	-10.80
-30.0D	11.227	-400.43	32.33	-23.70	-3.26	-10.74

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	5.00	0.0	10.00
-1.0	10.270	-14.55	-27.39	-0.36	-1.19	10.20
-2.0	10.553	-28.33	-27.70	-5.44	-2.29	10.30
-3.0	10.830	-41.37	-26.23	-9.91	-3.28	10.32
-4.0	11.085	-53.78	-23.26	-13.62	-4.18	10.27
-5.0B	11.302	-65.66	-19.05	-16.54	-4.97	10.15
-6.0B	11.471	-77.12	-13.88	-18.70	-5.68	9.97
-7.0B	11.584	-88.28	-8.04	-20.14	-6.29	9.72
-8.0B	11.634	-99.28	-1.83	-20.89	-6.84	9.41
-9.0B	11.621	-110.24	4.47	-20.98	-7.32	9.03
-10.0	11.543	-121.26	10.65	-20.41	-7.75	8.56
-11.0	11.404	-132.49	16.59	-19.13	-8.13	8.00
-12.0	11.205	-144.04	22.32	-17.02	-8.47	7.33
-13.0	10.947	-156.07	28.01	-13.85	-8.77	6.55
-14.0	10.632	-168.74	33.66	-9.25	-9.02	5.64
-15.0	10.261	-182.27	38.52	-2.83	-9.19	4.56
-16.0C	9.854	-196.88	40.24	5.46	-9.28	3.32
-17.0D	9.461	-212.77	35.42	14.70	-9.26	1.92
-18.0D	9.157	-229.88	22.78	22.61	-9.15	0.40
-19.0	9.012	-247.85	5.05	26.50	-8.93	-1.18
-20.0	9.056	-266.00	-13.37	24.93	-8.62	-2.77
-21.0	9.276	-283.60	-28.87	18.50	-8.23	-4.28
-22.0	9.629	-300.13	-39.40	9.34	-7.78	-5.67
-23.0D	10.062	-315.33	-44.28	-0.22	-7.31	-6.91
-24.0D	10.517	-329.22	-43.72	-8.49	-6.85	-7.98
-25.0C	10.941	-341.99	-38.66	-14.78	-6.40	-8.88
-26.0C	11.297	-353.86	-30.47	-19.12	-5.95	-9.60
-27.0C	11.558	-365.11	-20.49	-21.82	-5.51	-10.16
-28.0C	11.713	-375.96	-9.65	-23.19	-5.05	-10.57
-29.0C	11.755	-386.65	1.42	-23.40	-4.55	-10.84
-30.0C	11.685	-397.37	12.24	-22.52	-3.99	-10.98

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	5.00	0.0	10.00
-1.0	10.271	-14.55	-27.68	-0.42	-1.19	10.20
-2.0	10.559	-28.31	-28.38	-5.62	-2.28	10.31
-3.0	10.846	-41.33	-27.35	-10.27	-3.28	10.34
-4.0	11.114	-53.68	-24.77	-14.19	-4.17	10.30
-5.0B	11.348	-65.46	-20.86	-17.33	-4.96	10.21
-6.0B	11.536	-76.80	-15.84	-19.71	-5.65	10.06
-7.0B	11.669	-87.80	-10.01	-21.36	-6.26	9.85
-8.0B	11.739	-98.61	-3.69	-22.32	-6.79	9.58
-9.0B	11.744	-109.33	2.78	-22.62	-7.25	9.24
-10.0B	11.683	-120.09	9.12	-22.29	-7.66	8.82
-11.0	11.559	-131.01	15.15	-21.32	-8.03	8.32
-12.0	11.374	-142.21	20.87	-19.61	-8.36	7.72
-13.0	11.132	-153.82	26.53	-16.98	-8.65	7.01
-14.0	10.830	-166.01	32.47	-13.07	-8.90	6.17
-15.0	10.467	-178.98	38.59	-7.37	-9.09	5.18
-16.0C	10.046	-192.97	43.27	0.57	-9.21	4.02
-17.0C	9.600	-208.26	42.47	10.46	-9.22	2.68
-18.0D	9.209	-224.97	32.51	20.36	-9.13	1.19
-19.0	8.963	-242.88	14.74	27.11	-8.95	-0.40
-20.0	8.917	-261.37	-5.75	28.16	-8.68	-2.03
-21.0	9.074	-279.60	-24.39	23.18	-8.32	-3.61
-22.0	9.399	-296.86	-38.35	14.01	-7.90	-5.10
-23.0D	9.838	-312.74	-46.40	3.40	-7.45	-6.43
-24.0D	10.327	-327.15	-48.27	-6.36	-7.00	-7.59
-25.0D	10.806	-340.25	-44.47	-13.99	-6.58	-8.57
-26.0C	11.222	-352.30	-36.41	-19.30	-6.17	-9.37
-27.0C	11.542	-363.59	-25.83	-22.64	-5.77	-10.00
-28.0C	11.747	-374.38	-14.06	-24.43	-5.35	-10.46
-29.0C	11.828	-384.92	-1.90	-24.94	-4.90	-10.76
-30.0C	11.786	-395.44	10.13	-24.27	-4.39	-10.94

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	5.00	0.0	10.00
-1.0	10.273	-14.55	-27.98	-0.48	-1.19	10.20
-2.0	10.566	-28.30	-29.07	-5.80	-2.28	10.32
-3.0	10.861	-41.28	-28.47	-10.63	-3.28	10.36
-4.0B	11.143	-53.57	-26.30	-14.76	-4.16	10.34
-5.0B	11.394	-65.27	-22.66	-18.11	-4.94	10.27
-6.0B	11.602	-76.48	-17.74	-20.69	-5.63	10.15
-7.0B	11.754	-87.33	-11.82	-22.52	-6.22	9.97
-8.0B	11.842	-97.95	-5.28	-23.64	-6.73	9.74
-9.0B	11.861	-108.45	1.49	-24.09	-7.18	9.44
-10.0B	11.812	-118.97	8.11	-23.92	-7.57	9.07
-11.0B	11.697	-129.63	14.30	-23.13	-7.92	8.61
-12.0	11.521	-140.53	20.02	-21.69	-8.23	8.06
-13.0	11.288	-151.82	25.49	-19.45	-8.52	7.41
-14.0	10.999	-163.62	31.23	-16.10	-8.77	6.64
-15.0	10.647	-176.12	37.70	-11.11	-8.98	5.73
-16.0	10.227	-189.58	44.18	-3.81	-9.11	4.64
-17.0C	9.755	-204.30	47.04	6.08	-9.16	3.36
-18.0D	9.297	-220.53	40.65	17.25	-9.10	1.91
-19.0	8.960	-238.23	23.92	26.42	-8.95	0.32
-20.0	8.825	-256.86	2.16	30.15	-8.72	-1.33
-21.0	8.913	-275.56	-18.95	27.08	-8.40	-2.97
-22.0	9.198	-293.47	-35.88	18.49	-8.01	-4.52
-23.0	9.627	-310.01	-46.97	7.24	-7.58	-5.94
-24.0D	10.136	-324.98	-51.52	-3.82	-7.15	-7.18
-25.0D	10.658	-338.46	-49.45	-12.81	-6.75	-8.25
-26.0C	11.129	-350.73	-41.90	-19.15	-6.37	-9.12
-27.0C	11.503	-362.09	-30.92	-23.15	-6.01	-9.81
-28.0C	11.756	-372.87	-18.34	-25.37	-5.63	-10.32
-29.0C	11.877	-383.32	-5.22	-26.16	-5.22	-10.67
-30.0C	11.863	-393.69	7.88	-25.70	-4.75	-10.87

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	5.00	0.0	10.00
-1.0	10.274	-14.55	-28.27	-0.54	-1.19	10.21
-2.0	10.572	-28.28	-29.76	-5.99	-2.28	10.32
-3.0	10.877	-41.24	-29.61	-10.99	-3.27	10.37
-4.0B	11.172	-53.47	-27.84	-15.32	-4.15	10.37
-5.0B	11.441	-65.07	-24.45	-18.88	-4.93	10.32
-6.0B	11.667	-76.16	-19.56	-21.64	-5.60	10.23
-7.0B	11.837	-86.86	-13.46	-23.61	-6.18	10.09
-8.0B	11.940	-97.30	-6.56	-24.84	-6.68	9.90
-9.0B	11.970	-107.62	0.64	-25.38	-7.11	9.63
-10.0B	11.927	-117.93	7.67	-25.28	-7.48	9.29
-11.0B	11.815	-128.36	14.14	-24.57	-7.80	8.87
-12.0B	11.641	-139.02	19.90	-23.26	-8.10	8.36
-13.0	11.410	-150.05	25.15	-21.25	-8.37	7.75
-14.0	11.126	-161.57	30.49	-18.28	-8.62	7.03
-15.0	10.783	-173.74	36.76	-13.83	-8.84	6.17
-16.0	10.370	-186.81	44.02	-7.13	-9.00	5.15
-17.0C	9.888	-201.07	49.48	2.47	-9.07	3.93
-18.0D	9.387	-216.88	46.51	14.28	-9.05	2.51
-19.0D	8.980	-234.33	31.30	25.18	-8.93	0.93
-20.0	8.772	-252.99	8.81	31.11	-8.74	-0.73
-21.0	8.801	-272.00	-14.10	29.82	-8.46	-2.41
-22.0	9.047	-290.40	-33.28	22.01	-8.11	-4.02
-23.0	9.462	-307.47	-46.78	10.47	-7.70	-5.50
-24.0D	9.982	-322.89	-53.66	-1.58	-7.30	-6.81
-25.0D	10.535	-336.70	-53.29	-11.74	-6.92	-7.94
-26.0C	11.049	-349.16	-46.31	-18.98	-6.57	-8.88
-27.0C	11.467	-360.60	-34.99	-23.54	-6.24	-9.62
-28.0C	11.758	-371.37	-21.64	-26.08	-5.90	-10.17
-29.0C	11.908	-381.75	-7.66	-27.07	-5.53	-10.55
-30.0C	11.914	-392.02	6.34	-26.73	-5.09	-10.77

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	10.00	0.0	10.00
-1.0	10.283	-14.82	-29.88	4.26	-1.24	10.21
-2.0	10.603	-28.79	-32.33	-1.53	-2.38	10.33
-3.0	10.937	-41.91	-32.57	-6.85	-3.41	10.39
-4.0B	11.262	-54.24	-30.83	-11.41	-4.33	10.40
-5.0B	11.561	-65.89	-27.32	-15.12	-5.13	10.36
-6.0B	11.816	-76.98	-22.30	-17.98	-5.82	10.28
-7.0B	12.013	-87.64	-16.12	-20.04	-6.41	10.16
-8.0B	12.143	-98.02	-9.16	-21.35	-6.92	9.98
-9.0B	12.199	-108.22	-1.83	-21.95	-7.35	9.74
-10.0B	12.181	-118.40	5.48	-21.87	-7.71	9.43
-11.0B	12.089	-128.66	12.40	-21.16	-8.03	9.03
-12.0B	11.929	-139.13	18.63	-19.83	-8.32	8.55
-13.0B	11.710	-149.93	24.02	-17.87	-8.58	7.97
-14.0	11.441	-161.18	28.63	-15.18	-8.82	7.29
-15.0	11.126	-173.01	32.78	-11.54	-9.04	6.49
-16.0	10.771	-185.57	36.72	-6.61	-9.23	5.55
-17.0	10.378	-199.04	39.93	-0.02	-9.37	4.46
-18.0C	9.964	-213.62	40.29	8.26	-9.43	3.21
-19.0D	9.575	-229.46	34.48	17.24	-9.40	1.80
-20.0D	9.285	-246.48	21.09	24.64	-9.28	0.28
-21.0D	9.161	-264.27	2.70	27.85	-9.07	-1.30
-22.0	9.231	-282.15	-16.19	25.55	-8.77	-2.87
-23.0D	9.481	-299.39	-31.85	18.60	-8.41	-4.37
-24.0D	9.864	-315.49	-42.12	9.29	-8.02	-5.75
-25.0D	10.321	-330.25	-46.32	-0.01	-7.61	-6.97
-26.0C	10.792	-343.73	-44.92	-7.77	-7.21	-8.03
-27.0C	11.226	-356.11	-39.28	-13.52	-6.83	-8.91
-28.0C	11.587	-367.64	-31.01	-17.48	-6.45	-9.62
-29.0C	11.856	-378.57	-21.42	-20.00	-6.08	-10.18
-30.0	12.023	-389.11	-11.27	-21.37	-5.68	-10.60

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	10.00	0.0	10.00
-1.0	10.284	-14.82	-30.17	4.20	-1.24	10.21
-2.0	10.609	-28.78	-33.02	-1.72	-2.38	10.34
-3.0	10.952	-41.86	-33.71	-7.21	-3.41	10.41
-4.0B	11.292	-54.13	-32.35	-11.97	-4.32	10.43
-5.0B	11.607	-65.70	-29.03	-15.86	-5.11	10.42
-6.0B	11.880	-76.67	-23.97	-18.87	-5.80	10.37
-7.0B	12.093	-87.20	-17.52	-21.04	-6.38	10.27
-8.0B	12.235	-97.41	-10.13	-22.42	-6.86	10.13
-9.0B	12.298	-107.45	-2.28	-23.05	-7.27	9.92
-10.0B	12.281	-117.45	5.54	-22.97	-7.62	9.63
-11.0B	12.187	-127.53	12.89	-22.23	-7.92	9.26
-12.0B	12.021	-137.83	19.37	-20.89	-8.18	8.81
-13.0B	11.794	-148.46	24.76	-18.95	-8.43	8.25
-14.0	11.518	-159.54	29.17	-16.34	-8.67	7.59
-15.0	11.199	-171.20	33.07	-12.85	-8.89	6.81
-16.0	10.841	-183.58	37.02	-8.10	-9.09	5.90
-17.0	10.442	-196.85	40.89	-1.62	-9.25	4.84
-18.0C	10.012	-211.25	42.63	6.82	-9.34	3.61
-19.0C	9.592	-226.95	38.14	16.45	-9.33	2.21
-20.0D	9.262	-243.96	24.84	24.87	-9.24	0.69
-21.0D	9.105	-261.88	5.29	28.99	-9.06	-0.91
-22.0	9.157	-279.98	-15.30	27.10	-8.80	-2.52
-23.0	9.407	-297.47	-32.64	19.91	-8.49	-4.05
-24.0D	9.805	-313.76	-44.24	9.93	-8.14	-5.47
-25.0D	10.289	-328.62	-49.13	-0.08	-7.78	-6.73
-26.0C	10.788	-342.11	-47.61	-8.35	-7.44	-7.82
-27.0C	11.246	-354.44	-41.26	-14.35	-7.10	-8.72
-28.0C	11.623	-365.88	-32.08	-18.35	-6.77	-9.45
-29.0	11.898	-376.72	-21.62	-20.83	-6.43	-10.01
-30.0	12.063	-387.17	-10.71	-22.10	-6.06	-10.43

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	10.00	0.0	10.00
-1.0	10.286	-14.82	-30.47	4.14	-1.24	10.21
-2.0	10.616	-28.76	-33.72	-1.90	-2.38	10.35
-3.0	10.968	-41.81	-34.86	-7.57	-3.40	10.43
-4.0B	11.321	-54.03	-33.86	-12.52	-4.31	10.47
-5.0B	11.653	-65.51	-30.70	-16.59	-5.10	10.48
-6.0B	11.942	-76.37	-25.52	-19.72	-5.77	10.45
-7.0B	12.170	-86.76	-18.70	-21.97	-6.34	10.39
-8.0B	12.321	-96.83	-10.77	-23.38	-6.81	10.27
-9.0B	12.388	-106.71	-2.31	-23.99	-7.20	10.08
-10.0B	12.369	-116.56	6.10	-23.85	-7.52	9.82
-11.0B	12.265	-126.51	13.92	-23.03	-7.80	9.47
-12.0B	12.088	-136.68	20.64	-21.59	-8.05	9.02
-13.0B	11.848	-147.20	26.00	-19.59	-8.28	8.47
-14.0	11.560	-158.18	30.11	-16.97	-8.51	7.82
-15.0	11.234	-169.75	33.60	-13.53	-8.74	7.06
-16.0	10.872	-182.04	37.35	-8.86	-8.96	6.16
-17.0	10.468	-195.22	41.56	-2.40	-9.13	5.12
-18.0C	10.027	-209.54	44.20	6.23	-9.24	3.89
-19.0C	9.586	-225.21	40.46	16.35	-9.26	2.49
-20.0D	9.234	-242.27	26.83	25.40	-9.18	0.96
-21.0	9.062	-260.31	6.05	29.93	-9.04	-0.66
-22.0	9.114	-278.57	-15.91	27.95	-8.82	-2.29
-23.0	9.375	-296.18	-34.38	20.27	-8.55	-3.85
-24.0D	9.796	-312.51	-46.67	9.63	-8.25	-5.29
-25.0D	10.305	-327.33	-51.60	-0.90	-7.94	-6.56
-26.0C	10.827	-340.72	-49.42	-9.39	-7.65	-7.66
-27.0C	11.298	-352.92	-42.03	-15.36	-7.36	-8.57
-28.0C	11.677	-364.25	-31.85	-19.22	-7.07	-9.30
-29.0	11.946	-374.97	-20.59	-21.52	-6.75	-9.85
-30.0	12.097	-385.34	-9.05	-22.59	-6.41	-10.26

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	10.00	0.0	10.00
-1.0	10.287	-14.82	-30.76	4.08	-1.24	10.21
-2.0	10.622	-28.75	-34.43	-2.09	-2.38	10.35
-3.0	10.984	-41.77	-36.02	-7.94	-3.40	10.44
-4.0B	11.351	-53.92	-35.38	-13.08	-4.30	10.50
-5.0B	11.700	-65.31	-32.32	-17.30	-5.09	10.54
-6.0B	12.004	-76.07	-26.94	-20.54	-5.75	10.54
-7.0B	12.244	-86.33	-19.66	-22.84	-6.30	10.50
-8.0A	12.402	-96.26	-11.10	-24.24	-6.75	10.40
-9.0A	12.469	-106.01	-1.95	-24.79	-7.12	10.24
-10.0B	12.442	-115.74	7.10	-24.54	-7.42	9.99
-11.0B	12.327	-125.57	15.40	-23.58	-7.68	9.64
-12.0B	12.132	-135.65	22.34	-22.01	-7.92	9.19
-13.0B	11.875	-146.11	27.58	-19.89	-8.14	8.65
-14.0	11.573	-157.06	31.28	-17.20	-8.37	7.99
-15.0	11.238	-168.60	34.28	-13.72	-8.60	7.23
-16.0	10.871	-180.88	37.76	-9.03	-8.83	6.34
-17.0	10.462	-194.06	42.15	-2.48	-9.02	5.30
-18.0C	10.012	-208.40	45.34	6.41	-9.15	4.07
-19.0C	9.558	-224.13	41.76	16.95	-9.18	2.66
-20.0D	9.196	-241.30	27.23	26.32	-9.13	1.11
-21.0	9.028	-259.49	5.07	30.74	-9.01	-0.53
-22.0	9.095	-277.84	-17.99	28.20	-8.83	-2.17
-23.0	9.382	-295.45	-37.08	19.74	-8.60	-3.74
-24.0D	9.831	-311.69	-49.44	8.46	-8.35	-5.19
-25.0D	10.365	-326.35	-53.71	-2.36	-8.10	-6.47
-26.0C	10.903	-339.54	-50.29	-10.77	-7.86	-7.56
-27.0C	11.376	-351.56	-41.59	-16.47	-7.61	-8.45
-28.0C	11.745	-362.73	-30.40	-20.03	-7.35	-9.16
-29.0	11.995	-373.35	-18.46	-22.05	-7.06	-9.70
-30.0	12.123	-383.65	-6.44	-22.84	-6.72	-10.09

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	15.00	0.0	10.00
-1.0	10.296	-15.10	-32.42	8.87	-1.29	10.22
-2.0	10.653	-29.25	-37.01	2.34	-2.47	10.36
-3.0	11.044	-42.43	-38.91	-3.82	-3.54	10.46
-4.0B	11.440	-54.68	-38.26	-9.18	-4.48	10.53
-5.0B	11.818	-66.12	-35.22	-13.56	-5.29	10.57
-6.0B	12.154	-76.88	-30.09	-16.98	-5.97	10.59
-7.0A	12.428	-87.10	-23.33	-19.53	-6.54	10.57
-8.0A	12.627	-96.94	-15.45	-21.27	-7.00	10.51
-9.0A	12.742	-106.54	-6.94	-22.21	-7.37	10.39
-10.0A	12.768	-116.04	1.77	-22.35	-7.67	10.21
-11.0A	12.706	-125.57	10.27	-21.72	-7.92	9.94
-12.0A	12.561	-135.26	18.11	-20.37	-8.13	9.57
-13.0B	12.340	-145.24	24.85	-18.39	-8.32	9.11
-14.0B	12.057	-155.64	30.12	-15.85	-8.51	8.54
-15.0B	11.729	-166.57	33.80	-12.71	-8.70	7.86
-16.0	11.370	-178.15	36.19	-8.84	-8.91	7.07
-17.0	10.991	-190.50	37.85	-3.99	-9.11	6.14
-18.0	10.598	-203.75	38.91	2.13	-9.30	5.08
-19.0C	10.201	-218.03	38.23	9.58	-9.44	3.87
-20.0C	9.831	-233.46	33.18	17.68	-9.51	2.50
-21.0D	9.545	-249.98	21.69	24.65	-9.49	1.02
-22.0D	9.406	-267.26	4.84	28.13	-9.39	-0.53
-23.0D	9.451	-284.70	-13.56	26.68	-9.22	-2.09
-24.0D	9.675	-301.63	-29.51	20.75	-8.98	-3.59
-25.0D	10.037	-317.54	-40.37	12.36	-8.71	-4.99
-26.0D	10.480	-332.21	-45.21	3.77	-8.42	-6.24
-27.0C	10.943	-345.65	-44.60	-3.54	-8.12	-7.33
-28.0C	11.379	-358.03	-40.08	-9.12	-7.83	-8.26
-29.0	11.755	-369.56	-33.30	-13.16	-7.53	-9.03
-30.0	12.056	-380.45	-25.46	-15.99	-7.23	-9.65

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	15.00	0.0	10.00
-1.0	10.297	-15.09	-32.71	8.81	-1.29	10.22
-2.0	10.660	-29.24	-37.71	2.15	-2.47	10.37
-3.0B	11.060	-42.38	-40.06	-4.19	-3.54	10.48
-4.0B	11.470	-54.58	-39.74	-9.72	-4.47	10.56
-5.0B	11.864	-65.93	-36.76	-14.24	-5.27	10.63
-6.0B	12.214	-76.59	-31.38	-17.76	-5.94	10.67
-7.0A	12.499	-86.69	-24.12	-20.35	-6.50	10.68
-8.0A	12.703	-96.41	-15.60	-22.08	-6.94	10.64
-9.0A	12.816	-105.89	-6.41	-22.95	-7.30	10.54
-10.0A	12.833	-115.29	2.95	-22.96	-7.58	10.36
-11.0A	12.756	-124.73	12.00	-22.13	-7.80	10.09
-12.0A	12.591	-134.36	20.21	-20.57	-8.00	9.72
-13.0B	12.348	-144.32	27.04	-18.39	-8.18	9.25
-14.0B	12.044	-154.72	32.04	-15.67	-8.36	8.67
-15.0B	11.699	-165.69	35.14	-12.39	-8.56	7.97
-16.0	11.330	-177.34	36.89	-8.40	-8.78	7.16
-17.0	10.946	-189.79	38.16	-3.42	-9.00	6.23
-18.0	10.550	-203.15	39.23	2.90	-9.21	5.15
-19.0C	10.149	-217.57	38.70	10.64	-9.36	3.92
-20.0C	9.775	-233.17	33.34	19.04	-9.44	2.54
-21.0D	9.492	-249.88	20.72	26.05	-9.44	1.03
-22.0D	9.371	-267.33	2.43	29.06	-9.36	-0.54
-23.0D	9.446	-284.84	-16.98	26.71	-9.21	-2.11
-24.0D	9.707	-301.72	-33.19	19.82	-9.01	-3.62
-25.0D	10.105	-317.47	-43.52	10.78	-8.78	-5.01
-26.0C	10.574	-331.89	-47.20	2.01	-8.53	-6.25
-27.0C	11.051	-345.07	-45.15	-5.12	-8.28	-7.32
-28.0C	11.485	-357.22	-39.33	-10.37	-8.02	-8.22
-29.0	11.849	-368.55	-31.61	-14.05	-7.75	-8.96
-30.0	12.129	-379.30	-23.19	-16.57	-7.47	-9.56

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	15.00	0.0	10.00
-1.0	10.299	-15.09	-33.01	8.75	-1.29	10.22
-2.0	10.666	-29.22	-38.42	1.96	-2.47	10.38
-3.0B	11.076	-42.34	-41.23	-4.55	-3.53	10.50
-4.0B	11.500	-54.48	-41.21	-10.26	-4.46	10.60
-5.0B	11.909	-65.75	-38.24	-14.91	-5.26	10.69
-6.0B	12.273	-76.30	-32.53	-18.50	-5.92	10.75
-7.0A	12.567	-86.29	-24.69	-21.10	-6.46	10.78
-8.0A	12.773	-95.90	-15.48	-22.79	-6.88	10.76
-9.0A	12.881	-105.28	-5.59	-23.57	-7.22	10.67
-10.0A	12.887	-114.59	4.42	-23.41	-7.48	10.49
-11.0A	12.792	-123.97	14.01	-22.37	-7.69	10.22
-12.0A	12.604	-133.57	22.55	-20.58	-7.87	9.84
-13.0B	12.337	-143.52	29.38	-18.17	-8.04	9.35
-14.0B	12.011	-153.97	33.96	-15.25	-8.23	8.75
-15.0	11.650	-165.02	36.36	-11.82	-8.43	8.04
-16.0	11.272	-176.79	37.42	-7.69	-8.66	7.21
-17.0	10.885	-189.36	38.32	-2.54	-8.90	6.26
-18.0	10.487	-202.88	39.41	4.02	-9.13	5.17
-19.0C	10.084	-217.49	38.89	12.08	-9.30	3.91
-20.0C	9.710	-233.31	32.84	20.71	-9.38	2.50
-21.0D	9.440	-250.23	18.73	27.52	-9.39	0.97
-22.0D	9.347	-267.83	-1.03	29.74	-9.33	-0.62
-23.0D	9.462	-285.36	-21.17	26.24	-9.20	-2.20
-24.0D	9.766	-302.10	-37.18	18.34	-9.04	-3.70
-25.0D	10.200	-317.60	-46.47	8.79	-8.85	-5.07
-26.0C	10.691	-331.73	-48.52	0.07	-8.64	-6.29
-27.0C	11.172	-344.62	-44.82	-6.69	-8.43	-7.33
-28.0C	11.596	-356.52	-37.74	-11.49	-8.20	-8.20
-29.0	11.940	-367.66	-29.26	-14.78	-7.95	-8.91
-30.0	12.194	-378.28	-20.43	-16.97	-7.68	-9.47

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	15.00	0.0	10.00
-1.0	10.300	-15.09	-33.30	8.69	-1.29	10.22
-2.0	10.673	-29.21	-39.14	1.77	-2.47	10.38
-3.0B	11.092	-42.29	-42.39	-4.91	-3.53	10.52
-4.0B	11.530	-54.37	-42.67	-10.79	-4.45	10.63
-5.0B	11.954	-65.56	-39.65	-15.56	-5.24	10.74
-6.0A	12.330	-76.01	-33.53	-19.20	-5.89	10.83
-7.0A	12.631	-85.90	-25.06	-21.80	-6.42	10.88
-8.0A	12.838	-95.41	-15.12	-23.43	-6.83	10.87
-9.0A	12.939	-104.70	-4.52	-24.08	-7.14	10.79
-10.0A	12.930	-113.93	6.13	-23.73	-7.38	10.61
-11.0A	12.815	-123.27	16.23	-22.46	-7.58	10.33
-12.0A	12.603	-132.86	25.04	-20.41	-7.75	9.94
-13.0B	12.310	-142.85	31.75	-17.77	-7.91	9.43
-14.0B	11.962	-153.37	35.78	-14.65	-8.10	8.80
-15.0	11.587	-164.53	37.36	-11.06	-8.32	8.07
-16.0	11.202	-176.43	37.72	-6.78	-8.56	7.22
-17.0	10.814	-189.17	38.35	-1.44	-8.82	6.25
-18.0	10.416	-202.87	39.53	5.40	-9.06	5.13
-19.0C	10.011	-217.70	38.88	13.79	-9.24	3.85
-20.0C	9.643	-233.75	31.77	22.55	-9.34	2.41
-21.0D	9.392	-250.90	15.90	28.94	-9.35	0.85
-22.0D	9.336	-268.62	-5.27	30.09	-9.31	-0.75
-23.0D	9.498	-286.11	-25.82	25.29	-9.21	-2.32
-24.0D	9.846	-302.65	-41.18	16.44	-9.08	-3.81
-25.0D	10.314	-317.84	-48.94	6.59	-8.93	-5.17
-26.0C	10.821	-331.64	-49.06	-1.88	-8.76	-6.36
-27.0C	11.298	-344.24	-43.67	-8.13	-8.57	-7.36
-28.0	11.705	-355.91	-35.51	-12.43	-8.36	-8.19
-29.0	12.022	-366.89	-26.48	-15.32	-8.12	-8.86
-30.0	12.246	-377.40	-17.40	-17.16	-7.86	-9.39

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	20.00	0.0	10.00
-1.0	10.310	-15.37	-34.99	13.46	-1.34	10.22
-2.0	10.705	-29.71	-41.73	6.17	-2.57	10.39
-3.0B	11.152	-42.94	-45.23	-0.83	-3.67	10.53
-4.0B	11.619	-55.12	-45.54	-6.92	-4.63	10.66
-5.0B	12.073	-66.36	-42.81	-11.91	-5.44	10.78
-6.0A	12.486	-76.80	-37.48	-15.89	-6.12	10.88
-7.0A	12.833	-86.63	-30.22	-19.01	-6.66	10.97
-8.0A	13.100	-96.01	-21.72	-21.36	-7.08	11.02
-9.0A	13.275	-105.08	-12.53	-22.90	-7.40	11.02
-10.0A	13.355	-113.98	-3.02	-23.50	-7.64	10.96
-11.0A	13.337	-122.86	6.51	-23.12	-7.81	10.81
-12.0A	13.223	-131.83	15.74	-21.77	-7.94	10.57
-13.0A	13.017	-141.03	24.29	-19.60	-8.05	10.23
-14.0A	12.730	-150.59	31.64	-16.77	-8.16	9.77
-15.0B	12.376	-160.65	37.14	-13.43	-8.28	9.20
-16.0B	11.978	-171.35	40.32	-9.59	-8.44	8.50
-17.0	11.559	-182.79	41.24	-5.18	-8.63	7.69
-18.0	11.140	-195.09	40.61	0.01	-8.86	6.75
-19.0	10.732	-208.33	39.01	6.15	-9.10	5.68
-20.0	10.347	-222.60	35.99	13.16	-9.33	4.47
-21.0C	10.007	-237.92	29.68	20.41	-9.51	3.13
-22.0C	9.757	-254.19	18.35	26.35	-9.61	1.67
-23.0D	9.647	-271.09	2.58	29.07	-9.65	0.14
-24.0D	9.709	-288.08	-14.50	27.42	-9.61	-1.39
-25.0D	9.936	-304.55	-29.25	21.94	-9.51	-2.87
-26.0C	10.291	-320.08	-39.22	14.41	-9.37	-4.25
-27.0C	10.719	-334.46	-43.69	6.77	-9.20	-5.50
-28.0C	11.168	-347.71	-43.51	0.18	-9.01	-6.60
-29.0	11.598	-359.96	-40.23	-5.05	-8.81	-7.54
-30.0	11.986	-371.38	-35.33	-9.12	-8.61	-8.34

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	20.00	0.0	10.00
-1.0	10.311	-15.37	-35.29	13.40	-1.34	10.22
-2.0	10.711	-29.69	-42.44	5.98	-2.57	10.40
-3.0B	11.168	-42.90	-46.39	-1.19	-3.67	10.55
-4.0B	11.648	-55.02	-46.97	-7.44	-4.62	10.69
-5.0B	12.117	-66.17	-44.14	-12.54	-5.43	10.83
-6.0A	12.541	-76.53	-38.37	-16.57	-6.09	10.96
-7.0A	12.895	-86.26	-30.47	-19.69	-6.62	11.07
-8.0A	13.160	-95.54	-21.29	-22.00	-7.02	11.13
-9.0A	13.328	-104.53	-11.43	-23.42	-7.33	11.13
-10.0A	13.393	-113.38	-1.32	-23.83	-7.54	11.07
-11.0A	13.355	-122.22	8.73	-23.18	-7.70	10.91
-12.0A	13.216	-131.19	18.40	-21.53	-7.82	10.66
-13.0A	12.982	-140.42	27.22	-19.04	-7.92	10.29
-14.0A	12.664	-150.07	34.50	-15.92	-8.03	9.80
-15.0B	12.284	-160.28	39.45	-12.31	-8.16	9.18
-16.0B	11.867	-171.17	41.61	-8.26	-8.33	8.45
-17.0	11.441	-182.85	41.41	-3.64	-8.55	7.60
-18.0	11.024	-195.41	39.97	1.75	-8.81	6.63
-19.0	10.625	-208.93	38.02	8.10	-9.07	5.53
-20.0	10.251	-223.49	34.72	15.29	-9.31	4.29
-21.0C	9.928	-239.09	27.67	22.50	-9.49	2.91
-22.0C	9.704	-255.61	15.07	27.96	-9.60	1.42
-23.0D	9.634	-272.65	-1.82	29.67	-9.63	-0.12
-24.0D	9.743	-289.61	-19.23	26.80	-9.60	-1.65
-25.0D	10.016	-305.91	-33.33	20.36	-9.52	-3.12
-26.0C	10.406	-321.15	-41.88	12.44	-9.39	-4.48
-27.0C	10.853	-335.20	-44.64	4.93	-9.24	-5.69
-28.0C	11.304	-348.14	-42.93	-1.26	-9.07	-6.75
-29.0	11.722	-360.14	-38.61	-6.05	-8.88	-7.65
-30.0	12.090	-371.36	-33.16	-9.74	-8.69	-8.41

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	20.00	0.0	10.00
-1.0	10.312	-15.36	-35.58	13.34	-1.34	10.23
-2.0	10.718	-29.68	-43.17	5.79	-2.57	10.41
-3.0B	11.184	-42.85	-47.56	-1.55	-3.66	10.57
-4.0B	11.678	-54.91	-48.37	-7.96	-4.61	10.73
-5.0B	12.161	-65.99	-45.40	-13.15	-5.41	10.89
-6.0A	12.595	-76.26	-39.13	-17.21	-6.07	11.04
-7.0A	12.953	-85.90	-30.55	-20.32	-6.58	11.16
-8.0A	13.216	-95.10	-20.67	-22.57	-6.97	11.23
-9.0A	13.374	-104.02	-10.19	-23.85	-7.25	11.24
-10.0A	13.424	-112.82	0.49	-24.06	-7.45	11.17
-11.0A	13.364	-121.63	11.04	-23.14	-7.59	11.00
-12.0A	13.199	-130.61	21.12	-21.17	-7.70	10.72
-13.0A	12.936	-139.90	30.14	-18.37	-7.80	10.32
-14.0A	12.590	-149.66	37.23	-14.96	-7.91	9.80
-15.0B	12.185	-160.02	41.43	-11.12	-8.05	9.15
-16.0B	11.753	-171.11	42.44	-6.87	-8.24	8.38
-17.0	11.324	-183.03	41.15	-2.07	-8.49	7.50
-18.0	10.914	-195.86	39.11	3.51	-8.77	6.50
-19.0	10.524	-209.66	36.99	10.06	-9.05	5.36
-20.0C	10.162	-224.50	33.41	17.40	-9.30	4.09
-21.0C	9.856	-240.38	25.45	24.49	-9.49	2.67
-22.0D	9.662	-257.11	11.49	29.33	-9.59	1.16
-23.0D	9.635	-274.24	-6.41	29.93	-9.63	-0.39
-24.0D	9.792	-291.13	-23.87	25.87	-9.60	-1.92
-25.0D	10.108	-307.22	-37.00	18.63	-9.53	-3.37
-26.0C	10.527	-322.15	-43.91	10.51	-9.42	-4.69
-27.0C	10.986	-335.89	-44.90	3.27	-9.28	-5.87
-28.0C	11.432	-348.55	-41.82	-2.47	-9.12	-6.89
-29.0	11.834	-360.32	-36.68	-6.83	-8.94	-7.75
-30.0	12.180	-371.38	-30.88	-10.18	-8.75	-8.47

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	20.00	0.0	10.00
-1.0	10.314	-15.36	-35.88	13.28	-1.34	10.23
-2.0	10.724	-29.66	-43.89	5.60	-2.57	10.41
-3.0B	11.201	-42.80	-48.73	-1.92	-3.66	10.59
-4.0B	11.708	-54.81	-49.75	-8.47	-4.61	10.76
-5.0B	12.204	-65.81	-46.57	-13.74	-5.40	10.94
-6.0A	12.648	-75.99	-39.75	-17.82	-6.04	11.11
-7.0A	13.009	-85.55	-30.47	-20.91	-6.54	11.25
-8.0A	13.267	-94.67	-19.91	-23.07	-6.91	11.33
-9.0A	13.414	-103.53	-8.82	-24.22	-7.17	11.33
-10.0A	13.447	-112.29	2.39	-24.20	-7.36	11.25
-11.0A	13.366	-121.09	13.41	-22.99	-7.49	11.07
-12.0A	13.175	-130.10	23.86	-20.71	-7.59	10.77
-13.0A	12.882	-139.46	33.01	-17.60	-7.68	10.34
-14.0A	12.508	-149.33	39.76	-13.94	-7.80	9.78
-15.0B	12.081	-159.86	43.04	-9.88	-7.96	9.09
-16.0B	11.639	-171.16	42.81	-5.45	-8.17	8.29
-17.0	11.212	-183.33	40.55	-0.49	-8.44	7.38
-18.0	10.810	-196.42	38.13	5.26	-8.75	6.35
-19.0	10.431	-210.48	35.98	12.00	-9.05	5.19
-20.0C	10.080	-225.59	32.09	19.46	-9.30	3.88
-21.0C	9.793	-241.73	23.05	26.36	-9.49	2.43
-22.0D	9.631	-258.65	7.66	30.45	-9.59	0.90
-23.0D	9.648	-275.84	-11.07	29.87	-9.63	-0.66
-24.0D	9.852	-292.62	-28.28	24.68	-9.61	-2.18
-25.0C	10.208	-308.46	-40.17	16.82	-9.55	-3.61
-26.0C	10.650	-323.09	-45.28	8.69	-9.45	-4.90
-27.0C	11.114	-336.53	-44.57	1.82	-9.33	-6.04
-28.0	11.550	-348.94	-40.30	-3.45	-9.17	-7.02
-29.0	11.933	-360.51	-34.57	-7.41	-8.99	-7.85
-30.0	12.256	-371.43	-28.58	-10.46	-8.80	-8.53

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	25.00	0.0	10.00
-1.0	10.323	-15.64	-37.61	18.04	-1.39	10.23
-2.0	10.757	-30.16	-46.49	9.96	-2.66	10.42
-3.0B	11.261	-43.45	-51.54	2.13	-3.80	10.60
-4.0B	11.797	-55.55	-52.70	-4.66	-4.78	10.79
-5.0A	12.326	-66.59	-50.18	-10.25	-5.60	10.98
-6.0A	12.814	-76.75	-44.68	-14.87	-6.27	11.18
-7.0A	13.234	-86.22	-37.19	-18.82	-6.79	11.36
-8.0	13.571	-95.17	-28.56	-22.22	-7.17	11.52
-9.0	13.816	-103.75	-19.31	-24.92	-7.43	11.64
-10.0	13.964	-112.10	-9.74	-26.65	-7.60	11.71
-11.0	14.014	-120.33	-0.04	-27.17	-7.70	11.71
-12.0	13.965	-128.57	9.62	-26.36	-7.74	11.63
-13.0	13.818	-136.94	19.09	-24.30	-7.75	11.44
-14.0	13.576	-145.55	28.14	-21.24	-7.75	11.15
-15.0A	13.245	-154.54	36.37	-17.46	-7.76	10.73
-16.0A	12.837	-164.06	43.11	-13.21	-7.81	10.19
-17.0B	12.372	-174.27	47.40	-8.61	-7.92	9.51
-18.0B	11.879	-185.29	48.53	-3.58	-8.09	8.70
-19.0	11.390	-197.27	46.73	2.08	-8.33	7.77
-20.0	10.930	-210.27	43.01	8.51	-8.62	6.72
-21.0	10.515	-224.36	37.83	15.62	-8.94	5.53
-22.0C	10.164	-239.53	30.21	22.81	-9.25	4.22
-23.0C	9.911	-255.65	18.55	28.70	-9.51	2.78
-24.0C	9.798	-272.39	2.95	31.54	-9.72	1.27
-25.0C	9.855	-289.24	-14.05	30.19	-9.85	-0.25
-26.0C	10.078	-305.61	-28.97	25.09	-9.93	-1.74
-27.0C	10.432	-321.07	-39.34	17.92	-9.95	-3.13
-28.0C	10.865	-335.40	-44.55	10.49	-9.93	-4.40
-29.0	11.329	-348.60	-45.57	3.90	-9.89	-5.53
-30.0	11.789	-360.77	-44.01	-1.59	-9.84	-6.50

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	25.00	0.0	10.00
-1.0	10.325	-15.64	-37.91	17.98	-1.39	10.23
-2.0	10.763	-30.14	-47.22	9.77	-2.66	10.43
-3.0B	11.277	-43.40	-52.70	1.77	-3.80	10.62
-4.0B	11.827	-55.44	-54.04	-5.16	-4.77	10.82
-5.0A	12.369	-66.41	-51.27	-10.83	-5.59	11.03
-6.0A	12.864	-76.49	-45.21	-15.47	-6.24	11.25
-7.0A	13.286	-85.88	-37.05	-19.42	-6.75	11.45
-8.0	13.618	-94.77	-27.80	-22.77	-7.11	11.61
-9.0	13.853	-103.29	-18.06	-25.35	-7.36	11.74
-10.0	13.987	-111.60	-8.11	-26.88	-7.52	11.80
-11.0	14.019	-119.83	1.90	-27.13	-7.60	11.78
-12.0	13.949	-128.08	11.85	-26.00	-7.63	11.68
-13.0	13.777	-136.48	21.60	-23.61	-7.63	11.47
-14.0A	13.508	-145.17	30.91	-20.23	-7.64	11.14
-15.0A	13.148	-154.29	39.25	-16.16	-7.66	10.69
-16.0A	12.712	-163.99	45.68	-11.67	-7.73	10.10
-17.0B	12.225	-174.44	49.00	-6.84	-7.85	9.37
-18.0B	11.722	-185.76	48.65	-1.58	-8.05	8.52
-19.0	11.239	-198.07	45.48	4.27	-8.32	7.55
-20.0	10.796	-211.42	40.95	10.85	-8.65	6.47
-21.0	10.405	-225.85	35.35	18.00	-8.99	5.24
-22.0C	10.082	-241.32	27.15	24.98	-9.30	3.89
-23.0C	9.865	-257.68	14.61	30.24	-9.56	2.43
-24.0C	9.796	-274.53	-1.68	32.03	-9.75	0.91
-25.0C	9.901	-291.33	-18.60	29.54	-9.88	-0.62
-26.0C	10.167	-307.51	-32.55	23.63	-9.95	-2.08
-27.0C	10.549	-322.68	-41.38	16.22	-9.97	-3.45
-28.0C	10.995	-336.71	-44.99	9.00	-9.95	-4.68
-29.0	11.457	-349.64	-44.79	2.81	-9.90	-5.77
-30.0	11.904	-361.59	-42.56	-2.30	-9.84	-6.70

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	25.00	0.0	10.00
-1.0	10.326	-15.63	-38.20	17.92	-1.39	10.23
-2.0	10.770	-30.13	-47.95	9.58	-2.66	10.44
-3.0B	11.294	-43.35	-53.87	1.41	-3.79	10.64
-4.0B	11.856	-55.34	-55.35	-5.66	-4.77	10.86
-5.0A	12.410	-66.24	-52.29	-11.38	-5.57	11.09
-6.0A	12.913	-76.24	-45.61	-16.04	-6.22	11.32
-7.0A	13.336	-85.56	-36.79	-19.97	-6.70	11.53
-8.0	13.662	-94.37	-26.96	-23.26	-7.06	11.70
-9.0	13.886	-102.86	-16.78	-25.72	-7.29	11.82
-10.0	14.005	-111.14	-6.48	-27.05	-7.43	11.87
-11.0	14.019	-119.35	3.81	-27.02	-7.50	11.84
-12.0	13.928	-127.62	14.04	-25.58	-7.52	11.72
-13.0	13.732	-136.08	24.08	-22.87	-7.53	11.49
-14.0A	13.437	-144.85	33.65	-19.18	-7.53	11.13
-15.0A	13.048	-154.10	42.03	-14.85	-7.57	10.63
-16.0A	12.585	-163.99	47.97	-10.12	-7.65	10.00
-17.0B	12.080	-174.68	50.09	-5.09	-7.80	9.23
-18.0	11.574	-186.30	48.20	0.36	-8.03	8.34
-19.0	11.102	-198.92	43.88	6.37	-8.33	7.34
-20.0	10.679	-212.60	38.86	13.05	-8.68	6.22
-21.0	10.310	-227.34	33.00	20.20	-9.04	4.96
-22.0C	10.014	-243.09	24.22	26.91	-9.35	3.58
-23.0C	9.831	-259.63	10.81	31.49	-9.61	2.10
-24.0C	9.805	-276.56	-6.06	32.24	-9.79	0.56
-25.0C	9.954	-293.27	-22.72	28.73	-9.91	-0.96
-26.0C	10.257	-309.25	-35.55	22.20	-9.97	-2.41
-27.0C	10.662	-324.15	-42.82	14.70	-9.98	-3.75
-28.0C	11.115	-337.91	-44.95	7.77	-9.95	-4.95
-29.0	11.570	-350.60	-43.75	1.98	-9.90	-5.99
-30.0	12.005	-362.37	-41.05	-2.81	-9.83	-6.89

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	25.00	0.0	10.00
-1.0	10.327	-15.63	-38.50	17.86	-1.39	10.23
-2.0	10.776	-30.11	-48.69	9.38	-2.66	10.44
-3.0B	11.310	-43.31	-55.03	1.05	-3.79	10.66
-4.0B	11.886	-55.24	-56.63	-6.15	-4.76	10.89
-5.0A	12.451	-66.06	-53.22	-11.92	-5.56	11.14
-6.0A	12.961	-75.99	-45.91	-16.58	-6.19	11.39
-7.0A	13.383	-85.24	-36.42	-20.49	-6.66	11.61
-8.0	13.703	-94.00	-26.06	-23.71	-7.00	11.78
-9.0	13.915	-102.44	-15.47	-26.04	-7.22	11.90
-10.0	14.019	-110.70	-4.87	-27.15	-7.34	11.94
-11.0	14.015	-118.91	5.70	-26.85	-7.41	11.90
-12.0	13.903	-127.20	16.20	-25.10	-7.42	11.75
-13.0	13.684	-135.71	26.54	-22.08	-7.43	11.49
-14.0A	13.362	-144.57	36.35	-18.11	-7.44	11.10
-15.0A	12.945	-153.96	44.69	-13.52	-7.48	10.56
-16.0B	12.458	-164.04	49.93	-8.58	-7.58	9.89
-17.0B	11.940	-174.98	50.64	-3.36	-7.76	9.08
-18.0	11.437	-186.89	47.26	2.23	-8.02	8.16
-19.0	10.979	-199.82	42.06	8.36	-8.35	7.13
-20.0	10.576	-213.80	36.82	15.12	-8.73	5.98
-21.0	10.229	-228.82	30.80	22.23	-9.09	4.69
-22.0C	9.958	-244.81	21.40	28.63	-9.40	3.28
-23.0C	9.808	-261.51	7.11	32.49	-9.65	1.78
-24.0C	9.823	-278.48	-10.19	32.23	-9.82	0.24
-25.0C	10.013	-295.09	-26.41	27.81	-9.93	-1.28
-26.0C	10.347	-310.85	-38.02	20.83	-9.99	-2.71
-27.0C	10.770	-325.50	-43.73	13.37	-9.99	-4.02
-28.0C	11.225	-339.02	-44.54	6.77	-9.95	-5.19
-29.0	11.671	-351.50	-42.53	1.34	-9.89	-6.20
-30.0	12.091	-363.11	-39.54	-3.15	-9.81	-7.07

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	30.00	0.0	10.00
-1.0	10.337	-15.91	-40.27	22.60	-1.44	10.24
-2.0	10.809	-30.61	-51.30	13.72	-2.76	10.45
-3.0B	11.371	-43.94	-57.83	5.06	-3.93	10.67
-4.0B	11.976	-55.96	-59.74	-2.41	-4.93	10.91
-5.0A	12.578	-66.82	-57.39	-8.63	-5.76	11.18
-6.0A	13.139	-76.72	-51.86	-14.09	-6.42	11.46
-7.0	13.633	-85.85	-44.46	-19.29	-6.91	11.75
-8.0	14.045	-94.41	-36.06	-24.39	-7.26	12.02
-9.0	14.368	-102.53	-27.05	-29.13	-7.47	12.27
-10.0	14.597	-110.35	-17.57	-33.00	-7.57	12.48
-11.0	14.726	-117.97	-7.71	-35.42	-7.58	12.63
-12.0	14.754	-125.52	2.33	-35.98	-7.51	12.70
-13.0	14.679	-133.08	12.29	-34.58	-7.39	12.68
-14.0	14.504	-140.78	21.95	-31.43	-7.26	12.56
-15.0	14.232	-148.72	31.15	-26.99	-7.13	12.32
-16.0	13.868	-157.03	39.82	-21.79	-7.03	11.95
-17.0A	13.420	-165.85	47.69	-16.26	-6.99	11.46
-18.0A	12.898	-175.34	54.02	-10.61	-7.02	10.82
-19.0B	12.325	-185.69	57.45	-4.76	-7.14	10.05
-20.0B	11.737	-197.07	56.84	1.59	-7.36	9.14
-21.0	11.175	-209.61	52.50	8.74	-7.69	8.11
-22.0	10.671	-223.40	45.72	16.73	-8.10	6.95
-23.0	10.248	-238.44	36.58	25.04	-8.55	5.66
-24.0C	9.936	-254.63	23.58	32.25	-8.99	4.23
-25.0C	9.781	-271.61	6.16	36.23	-9.40	2.72
-26.0C	9.817	-288.82	-13.29	35.43	-9.75	1.17
-27.0C	10.046	-305.57	-30.73	30.09	-10.04	-0.35
-28.0C	10.429	-321.33	-43.15	22.16	-10.28	-1.78
-29.0C	10.909	-335.84	-49.86	13.83	-10.46	-3.09
-30.0	11.433	-349.08	-52.20	6.37	-10.62	-4.24

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	30.00	0.0	10.00
-1.0	10.339	-15.91	-40.57	22.54	-1.44	10.24
-2.0	10.816	-30.59	-52.03	13.52	-2.76	10.46
-3.0B	11.388	-43.90	-58.99	4.71	-3.93	10.69
-4.0B	12.005	-55.86	-60.98	-2.89	-4.93	10.95
-5.0A	12.619	-66.65	-58.25	-9.16	-5.75	11.23
-6.0A	13.185	-76.47	-52.08	-14.63	-6.39	11.53
-7.0	13.678	-85.55	-44.07	-19.84	-6.87	11.82
-8.0	14.084	-94.05	-35.24	-24.92	-7.20	12.10
-9.0	14.397	-102.13	-26.00	-29.58	-7.40	12.35
-10.0	14.614	-109.93	-16.45	-33.30	-7.49	12.55
-11.0	14.733	-117.54	-6.63	-35.53	-7.48	12.69
-12.0	14.750	-125.08	3.30	-35.90	-7.41	12.75
-13.0	14.666	-132.66	13.14	-34.34	-7.29	12.72
-14.0	14.482	-140.38	22.74	-31.07	-7.16	12.59
-15.0	14.202	-148.35	32.00	-26.53	-7.03	12.34
-16.0	13.828	-156.70	40.89	-21.23	-6.94	11.96
-17.0A	13.367	-165.58	49.07	-15.59	-6.91	11.45
-18.0A	12.830	-175.17	55.55	-9.79	-6.95	10.79
-19.0B	12.243	-185.64	58.57	-3.77	-7.08	9.99
-20.0B	11.648	-197.19	56.96	2.74	-7.33	9.06
-21.0	11.091	-209.93	51.60	10.02	-7.68	8.00
-22.0	10.599	-223.92	44.30	18.08	-8.11	6.83
-23.0	10.191	-239.16	35.03	26.38	-8.57	5.52
-24.0C	9.896	-255.51	21.84	33.40	-9.02	4.08
-25.0C	9.761	-272.61	4.03	36.98	-9.42	2.55
-26.0C	9.820	-289.87	-15.64	35.60	-9.77	0.99
-27.0C	10.072	-306.58	-32.83	29.76	-10.06	-0.53
-28.0C	10.473	-322.25	-44.52	21.60	-10.29	-1.95
-29.0C	10.962	-336.64	-50.31	13.32	-10.47	-3.25
-30.0	11.487	-349.77	-51.92	6.04	-10.62	-4.39

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	30.00	0.0	10.00
-1.0	10.340	-15.90	-40.87	22.48	-1.44	10.24
-2.0	10.822	-30.58	-52.78	13.33	-2.76	10.47
-3.0B	11.404	-43.85	-60.14	4.35	-3.92	10.71
-4.0B	12.034	-55.76	-62.18	-3.36	-4.92	10.98
-5.0A	12.658	-66.48	-59.02	-9.68	-5.73	11.29
-6.0A	13.229	-76.24	-52.21	-15.16	-6.37	11.60
-7.0	13.720	-85.25	-43.62	-20.37	-6.83	11.90
-8.0	14.119	-93.70	-34.41	-25.41	-7.15	12.18
-9.0	14.423	-101.75	-24.99	-29.99	-7.33	12.42
-10.0	14.630	-109.53	-15.40	-33.56	-7.41	12.62
-11.0	14.737	-117.13	-5.65	-35.62	-7.39	12.75
-12.0	14.745	-124.67	4.16	-35.82	-7.32	12.80
-13.0	14.653	-132.26	13.89	-34.12	-7.20	12.76
-14.0	14.462	-139.99	23.44	-30.74	-7.07	12.62
-15.0	14.174	-147.99	32.79	-26.12	-6.94	12.36
-16.0	13.792	-156.38	41.92	-20.73	-6.86	11.97
-17.0A	13.318	-165.32	50.43	-14.96	-6.83	11.44
-18.0A	12.767	-174.99	57.02	-9.01	-6.88	10.75
-19.0B	12.166	-185.60	59.56	-2.83	-7.03	9.93
-20.0B	11.566	-197.31	56.91	3.82	-7.29	8.98
-21.0	11.014	-210.23	50.63	11.20	-7.67	7.91
-22.0	10.535	-224.40	42.99	19.33	-8.11	6.72
-23.0	10.140	-239.82	33.70	27.61	-8.59	5.39
-24.0C	9.860	-256.32	20.30	34.49	-9.04	3.94
-25.0C	9.742	-273.54	2.07	37.68	-9.44	2.39
-26.0C	9.823	-290.83	-17.85	35.75	-9.79	0.83
-27.0C	10.097	-307.51	-34.79	29.44	-10.07	-0.69
-28.0C	10.514	-323.09	-45.75	21.08	-10.30	-2.11
-29.0C	11.012	-337.38	-50.66	12.86	-10.47	-3.40
-30.0	11.537	-350.41	-51.59	5.76	-10.61	-4.53

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-25.00	30.00	0.0	10.00
-1.0	10.341	-15.90	-41.17	22.42	-1.44	10.24
-2.0	10.829	-30.56	-53.52	13.13	-2.76	10.47
-3.0B	11.421	-43.80	-61.29	3.99	-3.92	10.73
-4.0B	12.063	-55.66	-63.35	-3.83	-4.91	11.02
-5.0A	12.697	-66.32	-59.73	-10.17	-5.72	11.34
-6.0A	13.271	-76.01	-52.25	-15.66	-6.34	11.66
-7.0	13.760	-84.96	-43.11	-20.86	-6.79	11.97
-8.0	14.152	-93.37	-33.57	-25.87	-7.09	12.25
-9.0	14.446	-101.39	-24.01	-30.35	-7.27	12.49
-10.0	14.643	-109.14	-14.42	-33.79	-7.33	12.68
-11.0	14.741	-116.74	-4.76	-35.69	-7.31	12.80
-12.0	14.740	-124.28	4.93	-35.74	-7.23	12.85
-13.0	14.641	-131.88	14.55	-33.92	-7.11	12.80
-14.0	14.443	-139.63	24.05	-30.45	-6.98	12.65
-15.0	14.149	-147.65	33.50	-25.75	-6.86	12.38
-16.0	13.758	-156.07	42.90	-20.27	-6.78	11.97
-17.0A	13.273	-165.07	51.76	-14.38	-6.75	11.43
-18.0A	12.706	-174.83	58.44	-8.28	-6.82	10.72
-19.0B	12.094	-185.55	60.42	-1.95	-6.98	9.88
-20.0	11.490	-197.41	56.72	4.83	-7.26	8.90
-21.0	10.945	-210.50	49.63	12.30	-7.66	7.82
-22.0	10.477	-224.85	41.81	20.47	-8.12	6.62
-23.0	10.095	-240.43	32.57	28.77	-8.61	5.28
-24.0C	9.826	-257.07	18.95	35.51	-9.06	3.80
-25.0C	9.725	-274.39	0.25	38.33	-9.46	2.25
-26.0C	9.827	-291.72	-19.95	35.88	-9.80	0.68
-27.0C	10.121	-308.37	-36.65	29.13	-10.09	-0.85
-28.0C	10.554	-323.87	-46.88	20.60	-10.31	-2.26
-29.0C	11.058	-338.06	-50.92	12.45	-10.48	-3.54
-30.0	11.583	-351.00	-51.23	5.53	-10.61	-4.65

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-30.00	0.0	10.00
-1.0	10.134	-12.69	-6.19	-32.33	-0.84	10.10
-2.0	10.125	-25.21	8.13	-32.28	-1.65	9.99
-3.0	9.967	-37.94	22.80	-29.68	-2.45	9.66
-4.0	9.658	-51.29	37.46	-23.83	-3.25	9.10
-5.0C	9.207	-65.75	50.07	-13.73	-4.06	8.26
-6.0D	8.661	-81.92	54.85	0.94	-4.90	7.14
-7.0	8.132	-100.27	46.39	17.91	-5.74	5.76
-8.0	7.749	-120.81	27.18	32.37	-6.54	4.16
-9.0	7.594	-142.83	2.49	39.01	-7.21	2.39
-10.0	7.697	-165.02	-21.97	34.98	-7.68	0.55
-11.0	8.020	-186.02	-39.54	22.59	-7.92	-1.26
-12.0	8.473	-205.08	-47.61	7.15	-7.95	-2.92
-13.0	8.967	-222.10	-47.89	-7.19	-7.82	-4.38
-14.0	9.434	-237.36	-42.74	-18.63	-7.57	-5.63
-15.0D	9.827	-251.26	-33.65	-26.80	-7.23	-6.65
-16.0D	10.113	-264.20	-21.78	-31.99	-6.81	-7.47
-17.0D	10.267	-276.58	-8.29	-34.62	-6.31	-8.10
-18.0D	10.281	-288.73	5.70	-35.05	-5.70	-8.56
-19.0D	10.152	-301.02	19.26	-33.34	-4.97	-8.86
-20.0	9.890	-313.77	31.83	-29.21	-4.09	-9.00
-21.0	9.505	-327.38	43.41	-21.91	-3.05	-9.00
-22.0	9.007	-342.33	53.50	-10.19	-1.83	-8.82
-23.0E	8.431	-359.22	57.22	6.64	-0.40	-8.42
-24.0F	7.890	-378.56	45.52	25.62	1.19	-7.80
-25.0	7.552	-400.21	18.86	39.16	2.88	-6.98
-26.0	7.520	-422.94	-12.48	40.43	4.55	-5.99
-27.0	7.789	-444.94	-38.62	29.11	6.08	-4.86
-28.0	8.273	-464.88	-54.06	11.10	7.40	-3.71
-29.0F	8.856	-482.35	-58.14	-6.93	8.47	-2.60
-30.0F	9.428	-497.64	-52.25	-21.04	9.29	-1.58

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-30.00	0.0	10.00
-1.0	10.136	-12.69	-6.45	-32.38	-0.84	10.10
-2.0	10.130	-25.20	7.65	-32.42	-1.65	9.99
-3.0	9.977	-37.90	22.30	-29.93	-2.44	9.67
-4.0	9.672	-51.21	37.33	-24.16	-3.24	9.11
-5.0C	9.219	-65.63	50.70	-13.99	-4.05	8.28
-6.0D	8.663	-81.78	55.86	0.92	-4.88	7.16
-7.0	8.127	-100.14	46.72	18.08	-5.72	5.77
-8.0	7.744	-120.70	26.99	32.52	-6.53	4.17
-9.0	7.590	-142.75	2.61	39.18	-7.20	2.40
-10.0	7.689	-164.97	-21.32	35.40	-7.67	0.55
-11.0	8.003	-186.05	-38.59	23.36	-7.90	-1.26
-12.0	8.447	-205.21	-46.72	8.20	-7.92	-2.93
-13.0	8.934	-222.37	-47.49	-6.10	-7.77	-4.40
-14.0	9.401	-237.75	-43.18	-17.73	-7.51	-5.66
-15.0D	9.804	-251.75	-35.03	-26.26	-7.16	-6.70
-16.0D	10.107	-264.74	-23.93	-31.87	-6.74	-7.53
-17.0D	10.287	-277.09	-10.95	-34.94	-6.25	-8.17
-18.0D	10.329	-289.17	2.77	-35.83	-5.66	-8.64
-19.0D	10.231	-301.30	16.19	-34.69	-4.96	-8.95
-20.0	10.001	-313.80	28.69	-31.33	-4.13	-9.11
-21.0	9.647	-327.05	40.38	-25.13	-3.15	-9.12
-22.0	9.176	-341.48	51.61	-14.81	-1.99	-8.96
-23.0E	8.603	-357.68	59.04	0.95	-0.64	-8.58
-24.0F	8.018	-376.30	52.33	20.56	0.90	-7.97
-25.0	7.595	-397.46	27.94	36.96	2.56	-7.15
-26.0	7.471	-420.17	-3.85	42.20	4.23	-6.16
-27.0	7.663	-442.67	-32.50	33.91	5.79	-5.02
-28.0	8.102	-463.36	-51.50	16.78	7.14	-3.82
-29.0	8.678	-481.57	-59.31	-2.21	8.26	-2.66
-30.0F	9.279	-497.41	-56.53	-18.11	9.14	-1.60

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-30.00	0.0	10.00
-1.0	10.137	-12.68	-6.71	-32.43	-0.84	10.10
-2.0	10.135	-25.19	7.16	-32.57	-1.65	10.00
-3.0	9.988	-37.87	21.77	-30.18	-2.44	9.69
-4.0	9.687	-51.14	37.14	-24.50	-3.23	9.13
-5.0C	9.232	-65.51	51.27	-14.28	-4.04	8.30
-6.0D	8.667	-81.63	56.88	0.86	-4.87	7.17
-7.0	8.123	-99.99	47.10	18.21	-5.71	5.78
-8.0	7.740	-120.58	26.88	32.65	-6.51	4.18
-9.0	7.586	-142.64	2.82	39.36	-7.19	2.41
-10.0	7.680	-164.91	-20.60	35.86	-7.66	0.56
-11.0	7.985	-186.06	-37.58	24.21	-7.89	-1.26
-12.0	8.418	-205.35	-45.76	9.34	-7.89	-2.94
-13.0	8.897	-222.65	-46.96	-4.87	-7.72	-4.42
-14.0	9.363	-238.18	-43.45	-16.67	-7.43	-5.69
-15.0D	9.773	-252.29	-36.27	-25.56	-7.07	-6.74
-16.0D	10.094	-265.34	-26.04	-31.59	-6.65	-7.59
-17.0D	10.298	-277.71	-13.65	-35.11	-6.17	-8.25
-18.0D	10.370	-289.72	-0.26	-36.47	-5.60	-8.73
-19.0D	10.304	-301.71	13.02	-35.87	-4.93	-9.05
-20.0	10.107	-313.99	25.43	-33.24	-4.15	-9.22
-21.0	9.787	-326.90	37.06	-28.08	-3.22	-9.24
-22.0	9.348	-340.84	48.77	-19.20	-2.13	-9.10
-23.0E	8.793	-356.37	59.13	-4.93	-0.85	-8.75
-24.0F	8.177	-374.19	58.17	14.57	0.62	-8.15
-25.0	7.673	-394.68	37.37	33.38	2.23	-7.34
-26.0	7.449	-417.20	5.89	42.78	3.90	-6.35
-27.0	7.549	-440.09	-24.71	38.38	5.48	-5.20
-28.0	7.925	-461.55	-47.08	23.07	6.87	-3.96
-29.0	8.476	-480.61	-58.76	3.71	8.02	-2.73
-30.0F	9.091	-497.16	-59.87	-13.92	8.95	-1.60

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-30.00	0.0	10.00
-1.0	10.138	-12.68	-6.98	-32.48	-0.84	10.10
-2.0	10.141	-25.17	6.66	-32.71	-1.65	10.01
-3.0	9.999	-37.83	21.21	-30.44	-2.44	9.70
-4.0	9.703	-51.06	36.89	-24.85	-3.23	9.15
-5.0C	9.246	-65.39	51.78	-14.61	-4.03	8.32
-6.0D	8.673	-81.47	57.89	0.74	-4.85	7.19
-7.0	8.121	-99.83	47.54	18.28	-5.69	5.80
-8.0	7.736	-120.43	26.85	32.74	-6.50	4.20
-9.0	7.582	-142.51	3.11	39.55	-7.18	2.43
-10.0	7.670	-164.82	-19.80	36.36	-7.65	0.57
-11.0	7.965	-186.07	-36.52	25.12	-7.87	-1.25
-12.0	8.387	-205.49	-44.72	10.58	-7.85	-2.95
-13.0	8.857	-222.95	-46.29	-3.52	-7.66	-4.44
-14.0	9.319	-238.64	-43.51	-15.44	-7.35	-5.72
-15.0	9.735	-252.88	-37.33	-24.65	-6.98	-6.79
-16.0D	10.072	-266.03	-28.06	-31.13	-6.55	-7.65
-17.0D	10.301	-278.42	-16.38	-35.12	-6.06	-8.33
-18.0D	10.403	-290.40	-3.39	-36.95	-5.51	-8.82
-19.0D	10.370	-302.27	9.71	-36.88	-4.87	-9.15
-20.0D	10.207	-314.35	22.04	-34.93	-4.13	-9.33
-21.0	9.922	-326.95	33.52	-30.73	-3.26	-9.37
-22.0	9.520	-340.43	45.25	-23.29	-2.24	-9.25
-23.0	8.994	-355.30	57.45	-10.81	-1.04	-8.93
-24.0E	8.369	-372.28	62.35	7.80	0.35	-8.36
-25.0F	7.792	-391.96	46.85	28.33	1.91	-7.55
-26.0	7.461	-414.07	16.58	41.82	3.55	-6.56
-27.0	7.457	-437.17	-15.28	42.04	5.14	-5.40
-28.0	7.751	-459.38	-40.71	29.67	6.57	-4.12
-29.0	8.255	-479.39	-56.11	10.82	7.76	-2.82
-30.0F	8.865	-496.83	-61.51	-8.19	8.72	-1.61

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-25.00	0.0	10.00
-1.0	10.146	-12.97	-8.39	-27.59	-0.89	10.11
-2.0	10.170	-25.71	3.82	-28.09	-1.75	10.02
-3.0	10.066	-38.54	16.43	-26.42	-2.57	9.73
-4.0	9.833	-51.82	29.17	-22.17	-3.39	9.23
-5.0	9.473	-65.94	40.97	-14.59	-4.21	8.49
-6.0C	9.010	-81.38	48.20	-3.18	-5.03	7.48
-7.0D	8.522	-98.58	45.21	10.93	-5.83	6.21
-8.0	8.125	-117.68	30.79	24.16	-6.61	4.73
-9.0	7.914	-138.26	9.90	32.03	-7.29	3.08
-10.0	7.926	-159.36	-11.93	31.66	-7.81	1.34
-11.0	8.144	-179.86	-29.75	23.56	-8.13	-0.40
-12.0	8.510	-198.93	-40.56	11.14	-8.26	-2.06
-13.0	8.950	-216.25	-44.33	-1.90	-8.21	-3.56
-14.0	9.397	-231.91	-42.32	-13.24	-8.04	-4.86
-15.0D	9.800	-246.18	-35.77	-21.90	-7.77	-5.97
-16.0D	10.117	-259.42	-25.82	-27.78	-7.42	-6.88
-17.0D	10.321	-271.97	-13.70	-31.18	-6.97	-7.61
-18.0D	10.394	-284.17	-0.64	-32.44	-6.43	-8.17
-19.0D	10.334	-296.35	12.29	-31.75	-5.77	-8.57
-20.0D	10.146	-308.82	24.23	-29.08	-4.98	-8.84
-21.0	9.844	-321.89	34.76	-24.08	-4.04	-8.98
-22.0	9.440	-335.93	44.03	-16.02	-2.93	-8.97
-23.0	8.949	-351.38	51.26	-3.90	-1.64	-8.80
-24.0E	8.415	-368.76	51.25	12.24	-0.16	-8.41
-25.0F	7.953	-388.37	36.51	28.60	1.46	-7.82
-26.0	7.712	-409.82	9.33	37.95	3.16	-7.04
-27.0	7.769	-431.77	-20.01	35.33	4.80	-6.11
-28.0	8.098	-452.61	-42.65	22.34	6.30	-5.08
-29.0F	8.604	-471.37	-54.45	5.09	7.59	-4.04
-30.0F	9.173	-487.88	-55.03	-10.74	8.65	-3.05

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-25.00	0.0	10.00
-1.0	10.147	-12.96	-8.65	-27.64	-0.89	10.11
-2.0	10.175	-25.70	3.32	-28.23	-1.74	10.02
-3.0	10.077	-38.51	15.84	-26.69	-2.57	9.74
-4.0	9.849	-51.74	28.82	-22.54	-3.38	9.25
-5.0	9.489	-65.81	41.29	-14.97	-4.20	8.51
-6.0C	9.019	-81.20	49.28	-3.37	-5.01	7.50
-7.0D	8.520	-98.39	46.17	11.05	-5.81	6.23
-8.0	8.117	-117.52	30.90	24.42	-6.59	4.74
-9.0	7.908	-138.14	9.55	32.20	-7.28	3.10
-10.0	7.923	-159.26	-12.16	31.72	-7.81	1.35
-11.0	8.142	-179.76	-29.68	23.62	-8.13	-0.39
-12.0	8.507	-198.84	-40.42	11.26	-8.26	-2.05
-13.0	8.946	-216.18	-44.48	-1.82	-8.21	-3.55
-14.0	9.398	-231.85	-43.04	-13.33	-8.05	-4.85
-15.0D	9.811	-246.10	-37.04	-22.25	-7.79	-5.96
-16.0D	10.143	-259.27	-27.39	-28.40	-7.45	-6.88
-17.0D	10.363	-271.73	-15.29	-32.03	-7.03	-7.61
-18.0D	10.452	-283.81	-2.06	-33.50	-6.52	-8.17
-19.0D	10.405	-295.82	11.10	-33.04	-5.89	-8.58
-20.0D	10.229	-308.09	23.18	-30.68	-5.13	-8.85
-21.0	9.937	-320.91	33.72	-26.15	-4.23	-8.99
-22.0	9.543	-334.65	43.14	-18.74	-3.17	-9.00
-23.0	9.057	-349.71	51.58	-7.29	-1.92	-8.85
-24.0E	8.506	-366.65	54.52	8.83	-0.48	-8.49
-25.0F	7.995	-385.91	42.37	26.54	1.13	-7.91
-26.0	7.692	-407.27	15.17	38.22	2.83	-7.15
-27.0	7.697	-429.44	-15.90	37.69	4.51	-6.24
-28.0	7.997	-450.71	-41.08	25.49	6.05	-5.22
-29.0	8.501	-469.91	-55.52	7.67	7.40	-4.19
-30.0F	9.092	-486.72	-58.12	-9.40	8.51	-3.20

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-25.00	0.0	10.00
-1.0	10.148	-12.96	-8.92	-27.69	-0.89	10.11
-2.0	10.180	-25.68	2.81	-28.38	-1.74	10.03
-3.0	10.089	-38.47	15.23	-26.96	-2.57	9.76
-4.0	9.866	-51.66	28.41	-22.93	-3.38	9.27
-5.0	9.507	-65.67	41.53	-15.39	-4.19	8.54
-6.0C	9.031	-81.02	50.32	-3.62	-4.99	7.53
-7.0D	8.519	-98.19	47.18	11.09	-5.79	6.25
-8.0	8.111	-117.34	31.10	24.62	-6.57	4.76
-9.0	7.902	-137.98	9.31	32.36	-7.26	3.11
-10.0	7.920	-159.13	-12.26	31.82	-7.80	1.37
-11.0	8.138	-179.65	-29.53	23.76	-8.13	-0.37
-12.0	8.501	-198.75	-40.22	11.46	-8.25	-2.03
-13.0	8.939	-216.12	-44.61	-1.65	-8.21	-3.53
-14.0	9.395	-231.79	-43.76	-13.34	-8.05	-4.85
-15.0D	9.819	-246.03	-38.34	-22.53	-7.80	-5.96
-16.0D	10.166	-259.16	-29.01	-28.95	-7.48	-6.88
-17.0D	10.403	-271.53	-16.89	-32.81	-7.09	-7.61
-18.0D	10.507	-283.49	-3.42	-34.47	-6.60	-8.18
-19.0D	10.473	-295.35	10.04	-34.21	-6.00	-8.58
-20.0D	10.306	-307.43	22.33	-32.10	-5.27	-8.85
-21.0	10.022	-320.04	32.87	-27.95	-4.41	-9.00
-22.0	9.638	-333.50	42.22	-21.12	-3.38	-9.03
-23.0	9.159	-348.22	51.35	-10.37	-2.17	-8.90
-24.0E	8.598	-364.75	56.86	5.46	-0.77	-8.56
-25.0F	8.047	-383.64	47.68	24.16	0.82	-8.00
-26.0	7.685	-404.83	20.90	37.99	2.52	-7.26
-27.0	7.638	-427.16	-11.55	39.62	4.22	-6.36
-28.0	7.904	-448.82	-38.96	28.50	5.81	-5.36
-29.0	8.399	-468.45	-55.93	10.37	7.20	-4.32
-30.0F	9.006	-485.60	-60.72	-7.82	8.37	-3.33

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-25.00	0.0	10.00
-1.0	10.150	-12.96	-9.18	-27.74	-0.89	10.11
-2.0	10.186	-25.67	2.30	-28.52	-1.74	10.04
-3.0	10.100	-38.43	14.60	-27.23	-2.56	9.77
-4.0	9.883	-51.58	27.94	-23.33	-3.37	9.29
-5.0	9.527	-65.53	41.68	-15.84	-4.17	8.56
-6.0C	9.044	-80.82	51.32	-3.94	-4.97	7.55
-7.0D	8.521	-97.97	48.24	11.07	-5.77	6.27
-8.0	8.106	-117.13	31.39	24.77	-6.54	4.78
-9.0	7.897	-137.80	9.20	32.50	-7.25	3.14
-10.0	7.915	-158.96	-12.25	31.95	-7.79	1.39
-11.0	8.132	-179.51	-29.28	23.97	-8.12	-0.35
-12.0	8.492	-198.65	-39.95	11.76	-8.25	-2.01
-13.0	8.929	-216.05	-44.68	-1.37	-8.21	-3.52
-14.0	9.389	-231.76	-44.45	-13.25	-8.05	-4.84
-15.0D	9.823	-246.00	-39.66	-22.73	-7.81	-5.96
-16.0D	10.186	-259.09	-30.67	-29.44	-7.51	-6.88
-17.0D	10.439	-271.38	-18.53	-33.52	-7.13	-7.62
-18.0D	10.559	-283.23	-4.76	-35.35	-6.67	-8.19
-19.0D	10.536	-294.95	9.08	-35.25	-6.10	-8.59
-20.0D	10.378	-306.87	21.66	-33.35	-5.40	-8.86
-21.0	10.100	-319.28	32.21	-29.51	-4.56	-9.01
-22.0	9.724	-332.50	41.36	-23.19	-3.57	-9.05
-23.0	9.253	-346.91	50.75	-13.12	-2.40	-8.94
-24.0E	8.690	-363.06	58.34	2.25	-1.03	-8.63
-25.0F	8.107	-381.57	52.36	21.60	0.54	-8.09
-26.0	7.691	-402.57	26.42	37.35	2.23	-7.36
-27.0	7.592	-424.98	-7.13	41.13	3.96	-6.48
-28.0	7.821	-446.98	-36.44	31.28	5.58	-5.48
-29.0	8.302	-467.02	-55.75	13.11	7.01	-4.45
-30.0F	8.920	-484.51	-62.83	-6.07	8.22	-3.46

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-20.00	0.0	10.00
-1.0	10.157	-13.24	-10.64	-22.85	-0.94	10.11
-2.0	10.215	-26.20	-0.55	-23.93	-1.84	10.05
-3.0	10.167	-39.14	10.01	-23.21	-2.70	9.80
-4.0	10.009	-52.34	20.84	-20.47	-3.54	9.36
-5.0	9.742	-66.12	31.42	-15.22	-4.36	8.71
-6.0C	9.374	-80.86	39.93	-6.93	-5.16	7.83
-7.0C	8.946	-96.94	42.26	4.16	-5.94	6.69
-8.0D	8.544	-114.62	34.54	16.02	-6.67	5.34
-9.0	8.269	-133.75	18.18	25.00	-7.34	3.81
-10.0	8.184	-153.73	-1.58	27.89	-7.89	2.17
-11.0	8.296	-173.63	-19.79	23.78	-8.28	0.49
-12.0	8.572	-192.60	-33.06	14.48	-8.49	-1.14
-13.0	8.951	-210.15	-40.11	3.04	-8.55	-2.66
-14.0	9.372	-226.17	-41.22	-7.93	-8.46	-4.02
-15.0D	9.777	-240.81	-37.24	-16.92	-8.28	-5.20
-16.0D	10.120	-254.34	-29.24	-23.42	-8.00	-6.20
-17.0D	10.366	-267.08	-18.52	-27.51	-7.63	-7.02
-18.0D	10.494	-279.37	-6.37	-29.49	-7.16	-7.67
-19.0D	10.495	-291.49	6.05	-29.62	-6.58	-8.18
-20.0D	10.372	-303.75	17.72	-27.99	-5.87	-8.55
-21.0D	10.138	-316.44	27.85	-24.51	-5.02	-8.81
-22.0	9.809	-329.84	36.18	-18.85	-4.02	-8.95
-23.0	9.403	-344.28	42.96	-10.41	-2.85	-8.96
-24.0	8.938	-360.13	47.33	1.47	-1.51	-8.81
-25.0E	8.459	-377.79	44.44	16.16	0.00	-8.46
-26.0F	8.075	-397.41	28.49	29.65	1.64	-7.91
-27.0	7.912	-418.41	2.37	35.62	3.32	-7.18
-28.0	8.028	-439.52	-24.36	30.76	4.95	-6.32
-29.0F	8.385	-459.38	-43.82	17.61	6.42	-5.39
-30.0F	8.887	-477.25	-52.47	1.90	7.69	-4.45

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-20.00	0.0	10.00
-1.0	10.159	-13.24	-10.90	-22.91	-0.94	10.11
-2.0	10.220	-26.19	-1.06	-24.08	-1.84	10.05
-3.0	10.179	-39.10	9.35	-23.49	-2.70	9.81
-4.0	10.027	-52.26	20.27	-20.88	-3.53	9.39
-5.0	9.763	-65.98	31.33	-15.72	-4.35	8.74
-6.0C	9.392	-80.65	40.69	-7.36	-5.14	7.86
-7.0C	8.953	-96.69	43.65	4.02	-5.91	6.72
-8.0D	8.538	-114.37	35.54	16.24	-6.64	5.36
-9.0	8.258	-133.55	18.24	25.36	-7.31	3.83
-10.0	8.175	-153.57	-2.16	28.10	-7.88	2.19
-11.0	8.295	-173.49	-20.60	23.70	-8.28	0.51
-12.0	8.579	-192.44	-33.97	14.10	-8.51	-1.12
-13.0	8.969	-209.93	-41.20	2.36	-8.57	-2.64
-14.0	9.402	-225.85	-42.55	-8.88	-8.51	-3.99
-15.0D	9.821	-240.36	-38.64	-18.10	-8.36	-5.16
-16.0D	10.177	-253.73	-30.39	-24.71	-8.11	-6.15
-17.0D	10.432	-266.31	-19.15	-28.82	-7.77	-6.96
-18.0D	10.563	-278.41	-6.35	-30.76	-7.34	-7.60
-19.0D	10.561	-290.36	6.68	-30.82	-6.78	-8.10
-20.0D	10.430	-302.46	18.74	-29.13	-6.09	-8.47
-21.0D	10.185	-315.00	28.93	-25.61	-5.26	-8.72
-22.0	9.846	-328.27	37.04	-19.97	-4.28	-8.87
-23.0	9.432	-342.58	43.78	-11.55	-3.13	-8.90
-24.0	8.955	-358.33	48.90	0.50	-1.79	-8.77
-25.0E	8.454	-375.93	47.12	15.88	-0.27	-8.45
-26.0F	8.042	-395.61	30.88	30.41	1.39	-7.92
-27.0	7.863	-416.80	3.02	37.01	3.10	-7.23
-28.0	7.982	-438.12	-25.57	31.88	4.76	-6.41
-29.0F	8.359	-458.11	-46.33	17.80	6.28	-5.52
-30.0F	8.890	-475.99	-55.42	1.11	7.59	-4.62

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-20.00	0.0	10.00
-1.0	10.160	-13.24	-11.17	-22.96	-0.94	10.12
-2.0	10.226	-26.18	-1.59	-24.23	-1.84	10.06
-3.0	10.190	-39.06	8.66	-23.78	-2.69	9.83
-4.0	10.046	-52.17	19.64	-21.31	-3.52	9.41
-5.0	9.787	-65.83	31.14	-16.25	-4.33	8.78
-6.0C	9.413	-80.43	41.36	-7.86	-5.12	7.90
-7.0C	8.963	-96.41	45.03	3.79	-5.88	6.76
-8.0D	8.534	-114.08	36.64	16.37	-6.61	5.39
-9.0	8.247	-133.30	18.45	25.66	-7.29	3.86
-10.0	8.166	-153.37	-2.56	28.32	-7.86	2.22
-11.0	8.291	-173.30	-21.24	23.70	-8.27	0.54
-12.0	8.583	-192.24	-34.77	13.83	-8.51	-1.09
-13.0	8.982	-209.69	-42.27	1.81	-8.60	-2.60
-14.0	9.427	-225.53	-43.93	-9.74	-8.56	-3.95
-15.0D	9.862	-239.92	-40.10	-19.18	-8.43	-5.12
-16.0D	10.231	-253.15	-31.54	-25.91	-8.22	-6.10
-17.0D	10.495	-265.57	-19.67	-30.02	-7.91	-6.90
-18.0D	10.628	-277.51	-6.13	-31.88	-7.50	-7.53
-19.0D	10.620	-289.31	7.58	-31.83	-6.97	-8.02
-20.0D	10.477	-301.28	20.07	-30.00	-6.30	-8.37
-21.0D	10.217	-313.71	30.29	-26.37	-5.48	-8.63
-22.0	9.866	-326.89	38.06	-20.67	-4.50	-8.78
-23.0	9.443	-341.14	44.56	-12.20	-3.35	-8.83
-24.0	8.957	-356.83	50.15	0.06	-2.02	-8.73
-25.0E	8.439	-374.43	49.15	16.04	-0.49	-8.42
-26.0F	8.008	-394.21	32.30	31.34	1.19	-7.92
-27.0	7.823	-415.58	2.68	38.17	2.93	-7.25
-28.0	7.954	-437.05	-27.43	32.44	4.63	-6.47
-29.0F	8.355	-457.09	-49.04	17.35	6.18	-5.62
-30.0F	8.914	-474.89	-58.08	-0.17	7.52	-4.78

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-20.00	0.0	10.00
-1.0	10.161	-13.24	-11.43	-23.01	-0.94	10.12
-2.0	10.231	-26.16	-2.12	-24.38	-1.84	10.07
-3.0	10.202	-39.02	7.95	-24.06	-2.69	9.84
-4.0	10.065	-52.09	18.95	-21.76	-3.52	9.43
-5.0	9.811	-65.68	30.84	-16.83	-4.32	8.81
-6.0C	9.437	-80.20	41.91	-8.44	-5.10	7.94
-7.0C	8.976	-96.11	46.41	3.45	-5.86	6.80
-8.0D	8.534	-113.76	37.86	16.40	-6.58	5.43
-9.0	8.238	-133.00	18.83	25.91	-7.26	3.89
-10.0	8.157	-153.11	-2.76	28.55	-7.84	2.25
-11.0	8.285	-173.08	-21.71	23.78	-8.27	0.57
-12.0	8.583	-192.02	-35.45	13.69	-8.52	-1.06
-13.0	8.990	-209.44	-43.29	1.38	-8.62	-2.57
-14.0D	9.448	-225.22	-45.33	-10.47	-8.60	-3.91
-15.0D	9.898	-239.51	-41.59	-20.16	-8.50	-5.08
-16.0D	10.281	-252.61	-32.68	-27.00	-8.31	-6.05
-17.0D	10.554	-264.88	-20.11	-31.09	-8.04	-6.84
-18.0C	10.687	-276.68	-5.76	-32.86	-7.65	-7.46
-19.0D	10.671	-288.34	8.67	-32.66	-7.13	-7.94
-20.0D	10.515	-300.20	21.62	-30.67	-6.47	-8.28
-21.0D	10.239	-312.56	31.82	-26.87	-5.66	-8.53
-22.0	9.874	-325.69	39.15	-21.04	-4.69	-8.69
-23.0	9.442	-339.91	45.30	-12.47	-3.54	-8.75
-24.0	8.947	-355.60	51.21	0.03	-2.20	-8.67
-25.0E	8.415	-373.26	50.68	16.58	-0.66	-8.39
-26.0F	7.972	-393.16	32.88	32.45	1.04	-7.90
-27.0	7.790	-414.70	1.48	39.13	2.81	-7.27
-28.0	7.940	-436.28	-29.84	32.52	4.53	-6.52
-29.0F	8.369	-456.28	-51.91	16.36	6.11	-5.72
-30.0F	8.956	-473.93	-60.45	-1.83	7.48	-4.93

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-15.00	0.0	10.00
-1.0	10.169	-13.52	-12.93	-18.14	-0.99	10.12
-2.0	10.261	-26.69	-4.98	-19.82	-1.93	10.08
-3.0	10.269	-39.72	3.57	-20.05	-2.83	9.87
-4.0	10.187	-52.84	12.50	-18.72	-3.68	9.50
-5.0	10.013	-66.30	21.58	-15.57	-4.51	8.94
-6.0	9.747	-80.37	30.11	-10.19	-5.30	8.18
-7.0C	9.405	-95.38	36.09	-2.35	-6.05	7.20
-8.0D	9.030	-111.61	35.91	7.37	-6.74	6.00
-9.0D	8.701	-129.18	27.06	16.84	-7.38	4.61
-10.0	8.500	-147.85	11.41	22.99	-7.92	3.08
-11.0	8.475	-167.02	-6.36	23.57	-8.35	1.47
-12.0	8.623	-185.88	-22.00	18.49	-8.62	-0.14
-13.0	8.908	-203.79	-32.91	9.62	-8.75	-1.69
-14.0	9.277	-220.41	-38.19	-0.50	-8.74	-3.12
-15.0D	9.671	-235.68	-38.02	-9.82	-8.62	-4.39
-16.0D	10.039	-249.76	-33.17	-17.24	-8.40	-5.50
-17.0D	10.338	-262.92	-24.83	-22.42	-8.10	-6.43
-18.0D	10.539	-275.45	-14.29	-25.52	-7.70	-7.20
-19.0D	10.627	-287.63	-2.78	-26.80	-7.20	-7.81
-20.0D	10.596	-299.74	8.65	-26.43	-6.59	-8.30
-21.0D	10.453	-312.05	19.05	-24.50	-5.86	-8.66
-22.0D	10.213	-324.82	27.64	-20.93	-4.98	-8.91
-23.0	9.895	-338.29	34.18	-15.53	-3.97	-9.06
-24.0	9.519	-352.74	38.99	-7.90	-2.80	-9.10
-25.0	9.104	-368.45	41.80	2.34	-1.47	-8.98
-26.0E	8.682	-385.70	39.47	14.72	0.00	-8.68
-27.0F	8.331	-404.61	27.13	26.38	1.59	-8.18
-28.0F	8.160	-424.76	5.22	32.37	3.22	-7.50
-29.0F	8.232	-445.15	-18.98	29.40	4.81	-6.68
-30.0F	8.530	-464.61	-37.84	18.84	6.27	-5.79

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-15.00	0.0	10.00
-1.0	10.171	-13.52	-13.20	-18.19	-0.99	10.12
-2.0	10.267	-26.68	-5.51	-19.97	-1.93	10.08
-3.0	10.281	-39.68	2.84	-20.34	-2.83	9.89
-4.0	10.207	-52.76	11.73	-19.17	-3.68	9.52
-5.0	10.040	-66.15	21.05	-16.18	-4.49	8.98
-6.0	9.777	-80.13	30.23	-10.88	-5.28	8.23
-7.0C	9.429	-95.05	37.18	-2.91	-6.02	7.26
-8.0D	9.039	-111.22	37.65	7.19	-6.71	6.06
-9.0D	8.692	-128.80	28.43	17.11	-7.34	4.66
-10.0	8.483	-147.53	11.76	23.50	-7.89	3.12
-11.0	8.459	-166.77	-6.95	23.97	-8.32	1.51
-12.0	8.616	-185.67	-23.23	18.52	-8.62	-0.11
-13.0	8.917	-203.57	-34.58	9.14	-8.76	-1.66
-14.0	9.304	-220.10	-40.12	-1.47	-8.78	-3.08
-15.0D	9.718	-235.23	-39.94	-11.16	-8.69	-4.35
-16.0D	10.103	-249.14	-34.69	-18.76	-8.51	-5.44
-17.0D	10.414	-262.10	-25.60	-23.96	-8.25	-6.36
-18.0C	10.619	-274.42	-14.15	-26.96	-7.89	-7.11
-19.0C	10.700	-286.41	-1.75	-28.05	-7.42	-7.71
-20.0D	10.655	-298.35	10.40	-27.47	-6.83	-8.18
-21.0D	10.492	-310.54	21.18	-25.29	-6.11	-8.53
-22.0D	10.230	-323.22	29.69	-21.48	-5.24	-8.79
-23.0	9.893	-336.66	35.79	-15.83	-4.23	-8.95
-24.0	9.503	-351.11	40.27	-7.94	-3.05	-9.00
-25.0	9.074	-366.87	43.26	2.73	-1.71	-8.91
-26.0E	8.636	-384.25	41.12	15.82	-0.21	-8.63
-27.0F	8.272	-403.37	27.72	28.12	1.41	-8.15
-28.0F	8.106	-423.79	3.68	33.98	3.08	-7.50
-29.0F	8.204	-444.36	-22.28	29.93	4.70	-6.72
-30.0F	8.539	-463.83	-41.75	17.97	6.20	-5.88

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-15.00	0.0	10.00
-1.0	10.172	-13.52	-13.46	-18.24	-0.99	10.12
-2.0	10.272	-26.66	-6.05	-20.12	-1.93	10.09
-3.0	10.293	-39.64	2.08	-20.63	-2.82	9.90
-4.0	10.228	-52.67	10.89	-19.64	-3.67	9.55
-5.0	10.068	-65.99	20.40	-16.82	-4.48	9.02
-6.0	9.809	-79.88	30.18	-11.63	-5.26	8.28
-7.0C	9.457	-94.70	38.13	-3.60	-5.99	7.32
-8.0C	9.052	-110.79	39.42	6.84	-6.67	6.11
-9.0D	8.688	-128.35	29.99	17.24	-7.30	4.71
-10.0	8.467	-147.13	12.38	23.94	-7.85	3.17
-11.0	8.441	-166.44	-7.24	24.41	-8.30	1.55
-12.0	8.606	-185.39	-24.20	18.66	-8.61	-0.07
-13.0	8.919	-203.30	-36.06	8.84	-8.77	-1.62
-14.0	9.323	-219.78	-41.98	-2.25	-8.81	-3.04
-15.0D	9.757	-234.80	-41.86	-12.32	-8.76	-4.30
-16.0D	10.160	-248.55	-36.20	-20.10	-8.62	-5.38
-17.0D	10.483	-261.33	-26.31	-25.31	-8.39	-6.29
-18.0C	10.690	-273.47	-13.90	-28.18	-8.06	-7.02
-19.0C	10.764	-285.29	-0.57	-29.09	-7.61	-7.61
-20.0D	10.703	-297.11	12.32	-28.26	-7.04	-8.07
-21.0D	10.518	-309.20	23.46	-25.80	-6.32	-8.41
-22.0D	10.233	-321.84	31.79	-21.70	-5.45	-8.66
-23.0	9.878	-335.28	37.32	-15.78	-4.43	-8.83
-24.0	9.475	-349.79	41.35	-7.59	-3.25	-8.90
-25.0	9.035	-365.64	44.41	3.52	-1.90	-8.83
-26.0E	8.584	-383.19	42.22	17.25	-0.37	-8.58
-27.0F	8.215	-402.55	27.40	29.94	1.28	-8.11
-28.0F	8.063	-423.21	1.20	35.27	2.98	-7.49
-29.0F	8.194	-443.89	-26.11	29.85	4.64	-6.75
-30.0F	8.570	-463.28	-45.65	16.48	6.16	-5.96

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-15.00	0.0	10.00
-1.0	10.173	-13.52	-13.73	-18.29	-0.99	10.12
-2.0	10.278	-26.65	-6.60	-20.28	-1.93	10.09
-3.0	10.306	-39.60	1.29	-20.93	-2.82	9.91
-4.0	10.249	-52.58	10.00	-20.12	-3.66	9.57
-5.0	10.098	-65.82	19.62	-17.50	-4.47	9.06
-6.0	9.845	-79.61	29.94	-12.47	-5.24	8.34
-7.0C	9.490	-94.32	38.91	-4.43	-5.96	7.38
-8.0C	9.072	-110.32	41.19	6.31	-6.64	6.18
-9.0D	8.688	-127.84	31.77	17.21	-7.26	4.78
-10.0	8.453	-146.65	13.30	24.31	-7.81	3.23
-11.0	8.423	-166.02	-7.21	24.89	-8.27	1.61
-12.0	8.591	-185.05	-24.87	18.95	-8.59	-0.02
-13.0	8.914	-202.98	-37.33	8.74	-8.77	-1.57
-14.0D	9.334	-219.43	-43.74	-2.81	-8.84	-2.99
-15.0D	9.787	-234.37	-43.78	-13.27	-8.82	-4.25
-16.0D	10.208	-247.99	-37.74	-21.26	-8.71	-5.32
-17.0C	10.542	-260.62	-27.04	-26.47	-8.51	-6.22
-18.0C	10.752	-272.61	-13.65	-29.23	-8.21	-6.94
-19.0C	10.819	-284.29	0.62	-29.94	-7.78	-7.51
-20.0C	10.742	-296.00	14.25	-28.87	-7.22	-7.96
-21.0D	10.535	-308.02	25.73	-26.12	-6.50	-8.29
-22.0D	10.227	-320.65	33.82	-21.72	-5.63	-8.54
-23.0	9.854	-334.12	38.69	-15.51	-4.60	-8.72
-24.0	9.440	-348.70	42.24	-7.03	-3.41	-8.80
-25.0	8.991	-364.68	45.35	4.53	-2.04	-8.76
-26.0E	8.531	-382.41	42.95	18.84	-0.49	-8.52
-27.0F	8.162	-402.02	26.46	31.73	1.20	-8.07
-28.0F	8.031	-422.89	-1.82	36.25	2.93	-7.48
-29.0F	8.199	-443.62	-30.17	29.32	4.61	-6.78
-30.0F	8.616	-462.87	-49.36	14.63	6.15	-6.03

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-10.00	0.0	10.00
-1.0	10.181	-13.80	-15.27	-13.43	-1.04	10.13
-2.0	10.309	-27.17	-9.46	-15.74	-2.03	10.11
-3.0	10.372	-40.29	-2.89	-16.92	-2.96	9.94
-4.0	10.366	-53.33	4.21	-16.92	-3.83	9.63
-5.0	10.285	-66.48	11.67	-15.62	-4.66	9.17
-6.0	10.127	-79.94	19.28	-12.80	-5.44	8.54
-7.0	9.892	-93.94	26.45	-8.17	-6.17	7.73
-8.0C	9.592	-108.73	31.61	-1.55	-6.84	6.73
-9.0C	9.262	-124.57	31.94	6.59	-7.43	5.53
-10.0D	8.964	-141.54	25.10	14.64	-7.95	4.15
-11.0D	8.771	-159.48	11.90	20.14	-8.36	2.64
-12.0	8.730	-177.88	-3.99	21.10	-8.66	1.07
-13.0	8.848	-196.10	-18.65	17.18	-8.83	-0.50
-14.0	9.098	-213.55	-29.46	9.75	-8.87	-2.02
-15.0D	9.433	-229.88	-35.24	0.89	-8.79	-3.42
-16.0D	9.801	-245.01	-35.92	-7.53	-8.62	-4.67
-17.0D	10.153	-259.05	-32.12	-14.41	-8.36	-5.76
-18.0D	10.447	-272.20	-24.90	-19.37	-8.03	-6.69
-19.0D	10.655	-284.72	-15.49	-22.47	-7.61	-7.46
-20.0C	10.760	-296.88	-5.02	-23.91	-7.11	-8.08
-21.0D	10.757	-308.92	5.55	-23.88	-6.50	-8.57
-22.0D	10.649	-321.09	15.31	-22.46	-5.79	-8.94
-23.0D	10.449	-333.61	23.46	-19.68	-4.96	-9.20
-24.0	10.177	-346.70	29.52	-15.46	-4.00	-9.36
-25.0	9.852	-360.58	33.59	-9.66	-2.91	-9.41
-26.0	9.495	-375.44	36.10	-2.03	-1.69	-9.34
-27.0	9.121	-391.51	36.38	7.47	-0.33	-9.12
-28.0E	8.768	-408.94	31.47	17.90	1.14	-8.69
-29.0F	8.506	-427.69	18.32	26.43	2.67	-8.08
-30.0F	8.416	-447.23	-1.39	29.37	4.20	-7.29

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-10.00	0.0	10.00
-1.0	10.183	-13.80	-15.53	-13.49	-1.04	10.13
-2.0	10.314	-27.16	-10.01	-15.90	-2.03	10.11
-3.0	10.385	-40.25	-3.70	-17.22	-2.95	9.96
-4.0	10.388	-53.24	3.24	-17.40	-3.82	9.66
-5.0	10.317	-66.31	10.71	-16.31	-4.65	9.21
-6.0	10.167	-79.67	18.61	-13.69	-5.42	8.60
-7.0	9.936	-93.54	26.47	-9.18	-6.14	7.81
-8.0C	9.631	-108.20	32.74	-2.49	-6.80	6.82
-9.0C	9.283	-123.93	34.11	6.03	-7.39	5.62
-10.0D	8.961	-140.87	27.41	14.70	-7.89	4.24
-11.0D	8.748	-158.86	13.34	20.75	-8.31	2.73
-12.0	8.699	-177.37	-3.78	21.91	-8.62	1.14
-13.0	8.821	-195.70	-19.57	17.78	-8.81	-0.44
-14.0	9.085	-213.22	-31.25	9.82	-8.87	-1.96
-15.0D	9.441	-229.54	-37.58	0.35	-8.82	-3.37
-16.0D	9.834	-244.58	-38.38	-8.60	-8.68	-4.62
-17.0D	10.209	-258.47	-34.19	-15.80	-8.46	-5.71
-18.0D	10.521	-271.43	-26.18	-20.87	-8.17	-6.63
-19.0C	10.737	-283.75	-15.78	-23.92	-7.79	-7.38
-20.0C	10.840	-295.71	-4.29	-25.22	-7.32	-7.99
-21.0C	10.824	-307.57	7.16	-24.98	-6.75	-8.47
-22.0D	10.697	-319.60	17.53	-23.30	-6.05	-8.82
-23.0D	10.473	-332.03	25.85	-20.23	-5.22	-9.08
-24.0	10.177	-345.08	31.57	-15.72	-4.26	-9.24
-25.0	9.835	-358.96	35.10	-9.63	-3.17	-9.31
-26.0	9.463	-373.88	37.33	-1.66	-1.93	-9.26
-27.0	9.077	-390.06	37.76	8.36	-0.56	-9.06
-28.0E	8.710	-407.68	32.68	19.45	0.94	-8.66
-29.0F	8.441	-426.68	18.17	28.36	2.51	-8.06
-30.0F	8.363	-446.49	-3.58	30.88	4.08	-7.30

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-10.00	0.0	10.00
-1.0	10.184	-13.79	-15.80	-13.54	-1.04	10.13
-2.0	10.320	-27.15	-10.57	-16.06	-2.03	10.12
-3.0	10.397	-40.21	-4.52	-17.53	-2.95	9.97
-4.0	10.410	-53.15	2.22	-17.90	-3.82	9.68
-5.0	10.350	-66.14	9.64	-17.03	-4.63	9.25
-6.0	10.210	-79.39	17.72	-14.65	-5.40	8.67
-7.0	9.986	-93.12	26.20	-10.33	-6.11	7.90
-8.0C	9.678	-107.63	33.59	-3.66	-6.76	6.92
-9.0C	9.315	-123.22	36.24	5.17	-7.34	5.73
-10.0D	8.968	-140.08	30.02	14.47	-7.84	4.35
-11.0D	8.730	-158.09	15.29	21.19	-8.26	2.83
-12.0	8.667	-176.70	-3.01	22.74	-8.58	1.24
-13.0	8.787	-195.16	-19.97	18.55	-8.78	-0.36
-14.0	9.061	-212.78	-32.64	10.19	-8.86	-1.89
-15.0D	9.436	-229.13	-39.71	0.13	-8.84	-3.30
-16.0D	9.852	-244.14	-40.80	-9.36	-8.73	-4.56
-17.0D	10.251	-257.91	-36.33	-16.91	-8.55	-5.65
-18.0C	10.581	-270.73	-27.57	-22.11	-8.30	-6.56
-19.0C	10.806	-282.88	-16.18	-25.14	-7.96	-7.31
-20.0C	10.908	-294.67	-3.68	-26.31	-7.51	-7.91
-21.0C	10.882	-306.39	8.68	-25.87	-6.96	-8.37
-22.0D	10.735	-318.30	19.68	-23.95	-6.27	-8.71
-23.0D	10.488	-330.66	28.14	-20.59	-5.45	-8.96
-24.0D	10.170	-343.69	33.47	-15.79	-4.48	-9.13
-25.0	9.811	-357.61	36.39	-9.42	-3.38	-9.21
-26.0	9.429	-372.60	38.31	-1.13	-2.13	-9.18
-27.0	9.032	-388.90	38.86	9.35	-0.74	-9.00
-28.0E	8.654	-406.71	33.52	21.02	0.79	-8.62
-29.0F	8.384	-425.96	17.52	30.16	2.39	-8.04
-30.0F	8.323	-445.99	-6.17	32.04	3.99	-7.30

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-10.00	0.0	10.00
-1.0	10.185	-13.79	-16.07	-13.59	-1.04	10.13
-2.0	10.325	-27.13	-11.14	-16.22	-2.03	10.12
-3.0	10.410	-40.17	-5.37	-17.84	-2.95	9.98
-4.0	10.433	-53.06	1.14	-18.41	-3.81	9.71
-5.0	10.384	-65.97	8.44	-17.78	-4.62	9.30
-6.0	10.257	-79.10	16.63	-15.67	-5.38	8.73
-7.0	10.042	-92.68	25.59	-11.60	-6.09	7.99
-8.0C	9.735	-107.01	34.08	-5.06	-6.73	7.04
-9.0C	9.359	-122.42	38.26	3.98	-7.30	5.86
-10.0D	8.985	-139.16	32.96	13.90	-7.79	4.48
-11.0D	8.719	-157.15	17.82	21.43	-8.20	2.96
-12.0	8.635	-175.85	-1.58	23.56	-8.53	1.36
-13.0	8.747	-194.46	-19.74	19.54	-8.74	-0.25
-14.0	9.024	-212.21	-33.54	10.90	-8.84	-1.79
-15.0D	9.413	-228.66	-41.56	0.30	-8.85	-3.22
-16.0D	9.852	-243.67	-43.19	-9.76	-8.77	-4.49
-17.0D	10.275	-257.39	-38.63	-17.73	-8.63	-5.58
-18.0C	10.626	-270.10	-29.22	-23.13	-8.41	-6.50
-19.0C	10.863	-282.12	-16.89	-26.17	-8.10	-7.24
-20.0C	10.967	-293.77	-3.38	-27.26	-7.68	-7.83
-21.0C	10.933	-305.35	9.90	-26.67	-7.14	-8.28
-22.0D	10.770	-317.16	21.58	-24.52	-6.46	-8.62
-23.0D	10.502	-329.46	30.25	-20.90	-5.64	-8.86
-24.0D	10.164	-342.48	35.20	-15.84	-4.67	-9.03
-25.0	9.791	-356.42	37.49	-9.23	-3.56	-9.12
-26.0	9.399	-371.48	39.14	-0.67	-2.30	-9.11
-27.0	8.993	-387.89	39.87	10.24	-0.89	-8.95
-28.0E	8.605	-405.86	34.30	22.45	0.66	-8.58
-29.0F	8.333	-425.33	16.83	31.76	2.29	-8.01
-30.0F	8.289	-445.56	-8.71	32.98	3.92	-7.30

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-5.00	0.0	10.00
-1.0	10.194	-14.07	-17.65	-8.75	-1.09	10.13
-2.0	10.357	-27.65	-14.00	-11.71	-2.12	10.14
-3.0	10.477	-40.86	-9.37	-13.83	-3.08	10.01
-4.0	10.546	-53.81	-4.01	-15.05	-3.98	9.77
-5.0	10.557	-66.66	1.88	-15.36	-4.81	9.40
-6.0	10.506	-79.55	8.16	-14.65	-5.58	8.90
-7.0	10.389	-92.64	14.70	-12.77	-6.29	8.27
-8.0	10.205	-106.13	21.24	-9.50	-6.94	7.48
-9.0	9.957	-120.21	27.00	-4.61	-7.52	6.53
-10.0C	9.661	-135.10	30.22	1.90	-8.01	5.40
-11.0C	9.356	-150.98	28.38	9.30	-8.41	4.11
-12.0D	9.103	-167.86	20.08	15.93	-8.70	2.67
-13.0D	8.963	-185.48	6.83	19.68	-8.89	1.15
-14.0	8.969	-203.35	-7.92	19.20	-8.96	-0.41
-15.0	9.119	-220.89	-20.91	14.63	-8.91	-1.93
-16.0D	9.383	-237.62	-30.06	7.39	-8.76	-3.37
-17.0D	9.717	-253.30	-34.50	-0.68	-8.51	-4.68
-18.0D	10.073	-267.87	-34.29	-8.09	-8.20	-5.85
-19.0D	10.405	-281.45	-30.10	-14.03	-7.83	-6.85
-20.0D	10.678	-294.26	-22.97	-18.25	-7.41	-7.69
-21.0C	10.869	-306.52	-14.01	-20.85	-6.93	-8.37
-22.0C	10.962	-318.46	-4.19	-22.01	-6.38	-8.92
-23.0C	10.954	-330.31	5.64	-21.89	-5.75	-9.33
-24.0D	10.849	-342.28	14.68	-20.56	-5.02	-9.62
-25.0D	10.659	-354.58	22.18	-18.04	-4.20	-9.80
-26.0D	10.403	-367.41	27.62	-14.34	-3.26	-9.88
-27.0	10.101	-380.93	31.01	-9.39	-2.21	-9.86
-28.0	9.774	-395.32	32.83	-3.06	-1.05	-9.72
-29.0	9.435	-410.72	33.14	4.70	0.22	-9.43
-30.0E	9.106	-427.27	30.47	13.49	1.57	-8.97

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-5.00	0.0	10.00
-1.0	10.195	-14.07	-17.91	-8.80	-1.09	10.14
-2.0	10.362	-27.64	-14.57	-11.87	-2.12	10.14
-3.0	10.490	-40.82	-10.24	-14.14	-3.08	10.03
-4.0	10.569	-53.72	-5.14	-15.56	-3.97	9.79
-5.0	10.593	-66.49	0.57	-16.10	-4.80	9.44
-6.0	10.556	-79.26	6.79	-15.66	-5.56	8.97
-7.0	10.452	-92.20	13.48	-14.08	-6.26	8.37
-8.0	10.279	-105.49	20.53	-11.10	-6.90	7.61
-9.0	10.033	-119.34	27.33	-6.37	-7.47	6.69
-10.0C	9.726	-134.01	32.11	0.25	-7.96	5.59
-11.0C	9.394	-149.70	31.74	8.21	-8.35	4.31
-12.0D	9.103	-166.50	23.87	15.78	-8.64	2.88
-13.0D	8.927	-184.18	9.77	20.51	-8.83	1.34
-14.0	8.911	-202.23	-6.50	20.62	-8.91	-0.23
-15.0	9.055	-219.99	-21.12	16.07	-8.88	-1.78
-16.0	9.329	-236.92	-31.70	8.35	-8.75	-3.25
-17.0D	9.685	-252.71	-37.19	-0.46	-8.53	-4.58
-18.0D	10.071	-267.31	-37.45	-8.58	-8.26	-5.76
-19.0D	10.436	-280.83	-33.09	-15.04	-7.93	-6.78
-20.0C	10.736	-293.50	-25.27	-19.55	-7.55	-7.63
-21.0C	10.945	-305.58	-15.34	-22.26	-7.11	-8.32
-22.0C	11.047	-317.32	-4.44	-23.42	-6.60	-8.86
-23.0C	11.036	-328.97	6.42	-23.20	-6.01	-9.26
-24.0D	10.919	-340.77	16.33	-21.71	-5.31	-9.54
-25.0D	10.709	-352.92	24.34	-18.99	-4.50	-9.72
-26.0D	10.430	-365.64	29.79	-15.05	-3.57	-9.80
-27.0	10.108	-379.10	32.82	-9.86	-2.53	-9.79
-28.0	9.764	-393.47	34.31	-3.27	-1.36	-9.67
-29.0	9.409	-408.90	34.72	4.89	-0.08	-9.41
-30.0E	9.063	-425.55	32.37	14.32	1.30	-8.97

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-5.00	0.0	10.00
-1.0	10.196	-14.07	-18.18	-8.85	-1.09	10.14
-2.0	10.368	-27.63	-15.15	-12.03	-2.12	10.15
-3.0	10.503	-40.77	-11.13	-14.46	-3.08	10.04
-4.0	10.593	-53.63	-6.32	-16.08	-3.97	9.82
-5.0	10.630	-66.31	-0.85	-16.87	-4.79	9.49
-6.0	10.608	-78.96	5.23	-16.72	-5.54	9.04
-7.0	10.521	-91.74	11.94	-15.48	-6.24	8.47
-8.0	10.361	-104.81	19.31	-12.86	-6.87	7.76
-9.0	10.125	-118.41	26.98	-8.46	-7.43	6.88
-10.0C	9.814	-132.79	33.40	-1.94	-7.91	5.81
-11.0C	9.458	-148.22	35.08	6.42	-8.29	4.56
-12.0D	9.125	-164.85	28.39	14.97	-8.57	3.13
-13.0D	8.904	-182.52	13.92	20.95	-8.76	1.59
-14.0	8.851	-200.72	-3.75	22.08	-8.85	0.00
-15.0	8.976	-218.74	-20.12	17.94	-8.84	-1.57
-16.0	9.249	-235.95	-32.44	9.97	-8.72	-3.07
-17.0D	9.621	-251.96	-39.41	0.48	-8.54	-4.44
-18.0D	10.035	-266.67	-40.62	-8.44	-8.29	-5.65
-19.0D	10.434	-280.21	-36.47	-15.56	-8.00	-6.69
-20.0C	10.767	-292.82	-28.21	-20.50	-7.67	-7.56
-21.0C	11.002	-304.77	-17.40	-23.44	-7.27	-8.26
-22.0C	11.119	-316.36	-5.46	-24.68	-6.80	-8.80
-23.0C	11.114	-327.83	6.50	-24.45	-6.23	-9.20
-24.0C	10.990	-339.45	17.41	-22.86	-5.56	-9.48
-25.0D	10.765	-351.45	26.12	-19.99	-4.77	-9.65
-26.0D	10.466	-364.05	31.77	-15.88	-3.86	-9.73
-27.0	10.125	-377.42	34.52	-10.50	-2.82	-9.73
-28.0	9.765	-391.74	35.69	-3.71	-1.65	-9.62
-29.0	9.397	-407.17	36.22	4.77	-0.37	-9.39
-30.0E	9.032	-423.87	34.36	14.80	1.03	-8.97

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	-5.00	0.0	10.00
-1.0	10.198	-14.07	-18.45	-8.91	-1.09	10.14
-2.0	10.373	-27.61	-15.73	-12.20	-2.12	10.15
-3.0	10.516	-40.73	-12.04	-14.78	-3.07	10.06
-4.0	10.617	-53.53	-7.55	-16.61	-3.96	9.85
-5.0	10.668	-66.13	-2.36	-17.65	-4.77	9.54
-6.0	10.663	-78.66	3.50	-17.82	-5.52	9.12
-7.0	10.594	-91.26	10.09	-16.96	-6.21	8.58
-8.0	10.454	-104.11	17.55	-14.79	-6.83	7.91
-9.0	10.232	-117.42	25.83	-10.87	-7.39	7.08
-10.0C	9.926	-131.46	33.80	-4.70	-7.86	6.06
-11.0C	9.553	-146.53	38.02	3.79	-8.23	4.85
-12.0D	9.178	-162.87	33.57	13.26	-8.51	3.45
-13.0D	8.900	-180.43	19.51	20.77	-8.69	1.91
-14.0	8.795	-198.73	0.69	23.43	-8.79	0.31
-15.0	8.884	-217.04	-17.50	20.24	-8.79	-1.29
-16.0	9.140	-234.61	-31.86	12.42	-8.69	-2.83
-17.0D	9.517	-250.96	-40.81	2.38	-8.52	-4.24
-18.0D	9.954	-265.93	-43.64	-7.45	-8.30	-5.50
-19.0D	10.388	-279.61	-40.36	-15.45	-8.04	-6.58
-20.0C	10.762	-292.24	-32.07	-21.04	-7.74	-7.48
-21.0C	11.034	-304.13	-20.62	-24.38	-7.38	-8.20
-22.0C	11.179	-315.59	-7.70	-25.85	-6.95	-8.76
-23.0C	11.191	-326.90	5.40	-25.73	-6.42	-9.16
-24.0C	11.072	-338.34	17.50	-24.19	-5.79	-9.44
-25.0D	10.841	-350.15	27.25	-21.28	-5.03	-9.61
-26.0D	10.527	-362.57	33.47	-17.07	-4.13	-9.68
-27.0	10.168	-375.79	36.18	-11.60	-3.11	-9.68
-28.0	9.793	-389.99	37.08	-4.71	-1.95	-9.60
-29.0	9.410	-405.32	37.78	3.98	-0.67	-9.39
-30.0E	9.026	-421.98	36.72	14.54	0.73	-9.00

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	0.0	0.0	10.00
-1.0	10.206	-14.35	-20.07	-4.07	-1.14	10.14
-2.0	10.405	-28.13	-18.59	-7.72	-2.22	10.17
-3.0	10.582	-41.41	-15.85	-10.77	-3.21	10.08
-4.0	10.726	-54.28	-12.12	-13.13	-4.13	9.90
-5.0	10.828	-66.84	-7.63	-14.78	-4.96	9.62
-6.0	10.880	-79.22	-2.58	-15.70	-5.73	9.25
-7.0	10.879	-91.52	2.85	-15.86	-6.42	8.78
-8.0	10.821	-103.89	8.59	-15.19	-7.04	8.22
-9.0	10.703	-116.45	14.57	-13.56	-7.60	7.53
-10.0	10.522	-129.37	20.68	-10.76	-8.09	6.73
-11.0	10.281	-142.82	26.50	-6.53	-8.50	5.78
-12.0C	9.985	-157.02	30.80	-0.71	-8.82	4.67
-13.0C	9.663	-172.14	31.30	6.40	-9.04	3.41
-14.0D	9.366	-188.30	25.79	13.63	-9.15	2.02
-15.0D	9.157	-205.36	14.32	19.02	-9.14	0.53
-16.0	9.084	-222.94	-0.38	20.77	-9.03	-1.01
-17.0	9.164	-240.49	-14.87	18.23	-8.81	-2.53
-18.0	9.378	-257.46	-26.48	12.24	-8.49	-3.97
-19.0D	9.690	-273.47	-33.81	4.47	-8.11	-5.30
-20.0D	10.054	-288.38	-36.43	-3.36	-7.68	-6.49
-21.0D	10.421	-302.23	-34.69	-10.10	-7.22	-7.51
-22.0D	10.751	-315.16	-29.39	-15.25	-6.75	-8.37
-23.0C	11.013	-327.39	-21.61	-18.77	-6.25	-9.07
-24.0C	11.188	-339.14	-12.37	-20.84	-5.71	-9.62
-25.0C	11.264	-350.64	-2.54	-21.63	-5.14	-10.03
-26.0C	11.240	-362.09	7.18	-21.28	-4.50	-10.30
-27.0D	11.120	-373.68	16.07	-19.84	-3.79	-10.46
-28.0D	10.917	-385.63	23.40	-17.33	-2.98	-10.50
-29.0D	10.649	-398.09	28.61	-13.75	-2.09	-10.44
-30.0	10.339	-411.25	31.63	-9.06	-1.09	-10.28

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	0.0	0.0	10.00
-1.0	10.208	-14.35	-20.34	-4.13	-1.14	10.14
-2.0	10.411	-28.12	-19.18	-7.89	-2.22	10.17
-3.0	10.596	-41.37	-16.78	-11.09	-3.21	10.10
-4.0	10.751	-54.18	-13.38	-13.66	-4.12	9.93
-5.0	10.867	-66.66	-9.19	-15.55	-4.95	9.67
-6.0	10.937	-78.92	-4.40	-16.75	-5.71	9.33
-7.0	10.955	-91.06	0.86	-17.24	-6.39	8.90
-8.0	10.918	-103.21	6.50	-16.95	-7.01	8.37
-9.0	10.821	-115.49	12.54	-15.77	-7.56	7.74
-10.0	10.660	-128.08	18.99	-13.48	-8.04	7.00
-11.0	10.431	-141.13	25.73	-9.76	-8.45	6.11
-12.0	10.135	-154.87	31.90	-4.26	-8.77	5.08
-13.0C	9.789	-169.54	35.20	3.06	-8.99	3.87
-14.0D	9.437	-185.33	32.27	11.36	-9.10	2.51
-15.0D	9.155	-202.23	21.68	18.58	-9.10	1.03
-16.0	9.011	-219.92	5.91	22.31	-9.00	-0.53
-17.0	9.037	-237.83	-10.80	21.18	-8.79	-2.09
-18.0	9.224	-255.29	-25.07	15.62	-8.50	-3.59
-19.0	9.535	-271.81	-34.97	7.37	-8.13	-4.98
-20.0D	9.921	-287.13	-39.73	-1.51	-7.72	-6.23
-21.0D	10.330	-301.24	-39.35	-9.40	-7.29	-7.32
-22.0D	10.711	-314.28	-34.49	-15.51	-6.85	-8.24
-23.0C	11.024	-326.50	-26.37	-19.71	-6.39	-8.98
-24.0C	11.244	-338.14	-16.28	-22.23	-5.91	-9.57
-25.0C	11.354	-349.45	-5.31	-23.31	-5.38	-10.00
-26.0C	11.352	-360.66	5.70	-23.14	-4.80	-10.29
-27.0C	11.240	-371.99	15.94	-21.79	-4.14	-10.45
-28.0D	11.032	-383.66	24.49	-19.30	-3.38	-10.50
-29.0D	10.748	-395.85	30.55	-15.67	-2.52	-10.45
-30.0	10.416	-408.76	33.88	-10.90	-1.55	-10.30

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	0.0	0.0	10.00
-1.0	10.209	-14.35	-20.61	-4.18	-1.14	10.14
-2.0	10.417	-28.10	-19.77	-8.05	-2.22	10.18
-3.0	10.609	-41.32	-17.73	-11.42	-3.21	10.11
-4.0	10.776	-54.09	-14.68	-14.19	-4.11	9.96
-5.0	10.907	-66.48	-10.83	-16.33	-4.94	9.72
-6.0	10.995	-78.61	-6.32	-17.82	-5.69	9.41
-7.0	11.034	-90.58	-1.31	-18.65	-6.36	9.02
-8.0	11.020	-102.51	4.14	-18.76	-6.97	8.54
-9.0	10.948	-114.52	10.03	-18.07	-7.51	7.96
-10.0	10.813	-126.74	16.49	-16.38	-7.99	7.29
-11.0	10.609	-139.35	23.63	-13.37	-8.40	6.48
-12.0	10.328	-152.56	31.16	-8.59	-8.72	5.53
-13.0C	9.975	-166.63	37.42	-1.65	-8.95	4.40
-14.0C	9.581	-181.84	38.55	7.21	-9.06	3.11
-15.0D	9.218	-198.32	30.84	16.26	-9.07	1.65
-16.0	8.977	-215.93	15.28	22.66	-8.98	0.10
-17.0	8.915	-234.11	-3.27	24.07	-8.79	-1.49
-18.0	9.039	-252.14	-20.40	20.03	-8.51	-3.05
-19.0	9.319	-269.34	-33.53	11.99	-8.15	-4.52
-20.0D	9.707	-285.32	-41.46	2.26	-7.74	-5.86
-21.0D	10.147	-299.96	-43.73	-7.03	-7.32	-7.03
-22.0D	10.583	-313.36	-40.54	-14.55	-6.90	-8.03
-23.0C	10.961	-325.74	-32.91	-19.87	-6.47	-8.85
-24.0C	11.246	-337.40	-22.41	-23.18	-6.03	-9.49
-25.0C	11.415	-348.60	-10.47	-24.82	-5.56	-9.97
-26.0C	11.459	-359.60	1.84	-25.06	-5.04	-10.29
-27.0C	11.379	-370.65	13.63	-24.02	-4.43	-10.48
-28.0D	11.185	-381.98	23.91	-21.75	-3.74	-10.54
-29.0D	10.899	-393.81	31.53	-18.29	-2.93	-10.50
-30.0D	10.552	-406.35	35.84	-13.62	-2.01	-10.36

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	0.0	0.0	10.00
-1.0	10.210	-14.34	-20.88	-4.24	-1.14	10.15
-2.0	10.422	-28.09	-20.37	-8.22	-2.21	10.18
-3.0	10.623	-41.28	-18.69	-11.75	-3.20	10.13
-4.0	10.801	-53.99	-16.03	-14.73	-4.11	9.99
-5.0	10.948	-66.30	-12.53	-17.12	-4.93	9.78
-6.0	11.055	-78.30	-8.34	-18.90	-5.67	9.49
-7.0	11.117	-90.11	-3.60	-20.06	-6.33	9.14
-8.0	11.127	-101.81	1.58	-20.57	-6.93	8.71
-9.0	11.083	-113.53	7.21	-20.37	-7.46	8.19
-10.0	10.978	-125.39	13.40	-19.32	-7.93	7.59
-11.0	10.806	-137.54	20.40	-17.14	-8.34	6.87
-12.0	10.557	-150.17	28.41	-13.40	-8.67	6.02
-13.0	10.223	-163.54	36.84	-7.47	-8.92	5.00
-14.0C	9.812	-177.95	42.71	1.03	-9.05	3.80
-15.0D	9.377	-193.70	40.54	11.29	-9.06	2.42
-16.0D	9.020	-210.86	27.71	20.62	-8.98	0.90
-17.0	8.832	-229.08	8.47	25.73	-8.80	-0.71
-18.0	8.848	-247.61	-11.30	24.82	-8.54	-2.32
-19.0	9.053	-265.66	-27.98	18.39	-8.18	-3.88
-20.0	9.404	-282.61	-39.86	8.58	-7.76	-5.31
-21.0D	9.849	-298.13	-46.20	-2.05	-7.32	-6.59
-22.0D	10.329	-312.23	-46.54	-11.46	-6.88	-7.70
-23.0D	10.781	-325.08	-41.11	-18.57	-6.47	-8.63
-24.0C	11.155	-336.96	-31.29	-23.25	-6.06	-9.37
-25.0C	11.413	-348.20	-18.94	-25.90	-5.63	-9.93
-26.0C	11.538	-359.07	-5.54	-26.90	-5.17	-10.32
-27.0C	11.526	-369.85	7.84	-26.48	-4.64	-10.55
-28.0C	11.381	-380.80	20.22	-24.76	-4.02	-10.65
-29.0D	11.121	-392.15	30.29	-21.76	-3.30	-10.62
-30.0D	10.774	-404.15	36.80	-17.50	-2.45	-10.49

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	5.00	0.0	10.00
-1.0	10.219	-14.62	-22.54	0.58	-1.19	10.15
-2.0	10.455	-28.60	-23.24	-3.77	-2.31	10.20
-3.0	10.689	-41.95	-22.34	-7.74	-3.34	10.15
-4.0	10.907	-54.73	-20.10	-11.15	-4.28	10.03
-5.0	11.096	-67.03	-16.75	-13.92	-5.12	9.84
-6.0	11.247	-78.94	-12.55	-16.03	-5.87	9.59
-7.0	11.351	-90.57	-7.72	-17.50	-6.54	9.28
-8.0	11.403	-102.03	-2.48	-18.34	-7.14	8.89
-9.0	11.401	-113.42	2.99	-18.55	-7.66	8.44
-10.0	11.342	-124.87	8.53	-18.11	-8.13	7.91
-11.0	11.226	-136.48	14.11	-16.95	-8.53	7.30
-12.0	11.053	-148.38	19.76	-14.93	-8.88	6.58
-13.0	10.822	-160.73	25.52	-11.81	-9.17	5.75
-14.0	10.532	-173.69	31.14	-7.28	-9.38	4.79
-15.0C	10.189	-187.47	35.50	-1.06	-9.50	3.68
-16.0C	9.818	-202.27	36.17	6.69	-9.51	2.42
-17.0D	9.471	-218.22	30.41	14.82	-9.42	1.03
-18.0D	9.219	-235.22	17.95	21.25	-9.21	-0.46
-19.0	9.117	-252.88	1.66	23.81	-8.90	-1.99
-20.0	9.185	-270.59	-14.67	21.60	-8.49	-3.50
-21.0	9.407	-287.72	-28.09	15.39	-8.01	-4.93
-22.0D	9.744	-303.83	-36.97	7.03	-7.49	-6.24
-23.0D	10.146	-318.75	-40.81	-1.52	-6.94	-7.40
-24.0D	10.563	-332.48	-39.85	-8.92	-6.41	-8.39
-25.0C	10.948	-345.20	-34.91	-14.59	-5.89	-9.23
-26.0C	11.267	-357.11	-27.16	-18.54	-5.39	-9.90
-27.0C	11.498	-368.46	-17.73	-20.98	-4.88	-10.41
-28.0C	11.627	-379.46	-7.50	-22.17	-4.36	-10.78
-29.0C	11.650	-390.33	2.91	-22.25	-3.81	-11.01
-30.0C	11.569	-401.26	12.93	-21.27	-3.20	-11.12

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	5.00	0.0	10.00
-1.0	10.221	-14.62	-22.81	0.53	-1.19	10.15
-2.0	10.460	-28.59	-23.84	-3.94	-2.31	10.20
-3.0	10.703	-41.91	-23.32	-8.07	-3.34	10.17
-4.0	10.933	-54.63	-21.45	-11.69	-4.27	10.06
-5.0	11.138	-66.85	-18.45	-14.69	-5.11	9.90
-6.0	11.307	-78.64	-14.50	-17.05	-5.85	9.67
-7.0B	11.432	-90.11	-9.83	-18.78	-6.51	9.39
-8.0B	11.506	-101.36	-4.66	-19.89	-7.10	9.06
-9.0	11.526	-112.51	0.79	-20.41	-7.61	8.66
-10.0	11.490	-123.66	6.34	-20.32	-8.06	8.19
-11.0	11.397	-134.92	11.92	-19.58	-8.46	7.64
-12.0	11.246	-146.41	17.56	-18.09	-8.80	7.00
-13.0	11.036	-158.26	23.46	-15.65	-9.09	6.26
-14.0	10.765	-170.64	29.75	-11.92	-9.31	5.40
-15.0	10.428	-183.74	36.06	-6.43	-9.46	4.39
-16.0C	10.033	-197.83	40.45	1.12	-9.50	3.22
-17.0C	9.620	-213.12	39.15	10.28	-9.43	1.89
-18.0D	9.262	-229.72	29.34	19.16	-9.25	0.43
-19.0	9.043	-247.38	12.73	24.97	-8.97	-1.11
-20.0	9.009	-265.52	-6.08	25.62	-8.60	-2.68
-21.0	9.161	-283.40	-23.08	20.93	-8.14	-4.20
-22.0	9.467	-300.38	-35.84	12.54	-7.62	-5.61
-23.0D	9.876	-316.10	-43.28	2.80	-7.09	-6.88
-24.0D	10.333	-330.46	-45.15	-6.26	-6.56	-7.99
-25.0D	10.782	-343.60	-41.84	-13.50	-6.06	-8.92
-26.0C	11.175	-355.73	-34.50	-18.65	-5.58	-9.68
-27.0C	11.479	-367.13	-24.59	-21.94	-5.11	-10.28
-28.0C	11.674	-378.05	-13.38	-23.73	-4.64	-10.71
-29.0C	11.751	-388.72	-1.71	-24.25	-4.15	-10.99
-30.0C	11.709	-399.38	9.80	-23.61	-3.61	-11.14

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	5.00	0.0	10.00
-1.0	10.222	-14.62	-23.08	0.48	-1.19	10.15
-2.0	10.466	-28.57	-24.45	-4.11	-2.31	10.21
-3.0	10.717	-41.86	-24.31	-8.41	-3.34	10.18
-4.0	10.959	-54.54	-22.84	-12.23	-4.26	10.10
-5.0	11.180	-66.66	-20.18	-15.46	-5.09	9.95
-6.0B	11.368	-78.33	-16.48	-18.06	-5.83	9.76
-7.0B	11.514	-89.64	-11.93	-20.03	-6.48	9.52
-8.0B	11.610	-100.70	-6.76	-21.39	-7.05	9.22
-9.0B	11.651	-111.61	-1.24	-22.15	-7.55	8.87
-10.0B	11.635	-122.47	4.41	-22.34	-7.99	8.46
-11.0	11.561	-133.41	10.01	-21.94	-8.37	7.97
-12.0	11.430	-144.52	15.57	-20.89	-8.70	7.41
-13.0	11.242	-155.93	21.28	-19.05	-8.99	6.75
-14.0	10.993	-167.78	27.51	-16.11	-9.22	5.98
-15.0	10.677	-180.25	34.50	-11.60	-9.39	5.08
-16.0	10.287	-193.59	41.45	-4.91	-9.47	4.02
-17.0C	9.840	-208.09	45.07	4.21	-9.44	2.78
-18.0D	9.395	-224.01	40.19	14.69	-9.29	1.37
-19.0D	9.052	-241.34	25.45	23.70	-9.05	-0.16
-20.0	8.893	-259.63	5.39	28.05	-8.72	-1.76
-21.0	8.942	-278.13	-14.63	26.22	-8.29	-3.35
-22.0	9.180	-296.02	-31.22	19.02	-7.79	-4.86
-23.0	9.563	-312.70	-42.70	8.81	-7.24	-6.24
-24.0D	10.034	-327.93	-48.40	-1.81	-6.70	-7.47
-25.0D	10.532	-341.72	-48.10	-10.92	-6.20	-8.52
-26.0C	10.999	-354.27	-42.35	-17.68	-5.73	-9.39
-27.0C	11.385	-365.89	-32.69	-22.15	-5.29	-10.08
-28.0C	11.660	-376.85	-20.86	-24.76	-4.86	-10.60
-29.0C	11.809	-387.42	-8.14	-25.89	-4.42	-10.95
-30.0C	11.826	-397.87	4.71	-25.75	-3.94	-11.15

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	5.00	0.0	10.00
-1.0	10.223	-14.62	-23.35	0.42	-1.19	10.15
-2.0	10.472	-28.56	-25.06	-4.28	-2.31	10.21
-3.0	10.731	-41.82	-25.33	-8.75	-3.33	10.20
-4.0	10.985	-54.44	-24.26	-12.77	-4.26	10.13
-5.0	11.223	-66.48	-21.94	-16.23	-5.08	10.01
-6.0B	11.430	-78.03	-18.45	-19.05	-5.81	9.84
-7.0B	11.597	-89.18	-13.95	-21.24	-6.45	9.64
-8.0B	11.713	-100.04	-8.69	-22.80	-7.01	9.38
-9.0B	11.773	-110.72	-2.96	-23.76	-7.49	9.08
-10.0B	11.773	-121.33	2.92	-24.15	-7.91	8.72
-11.0B	11.714	-131.97	8.70	-23.97	-8.28	8.29
-12.0	11.596	-142.76	14.26	-23.21	-8.59	7.78
-13.0	11.422	-153.79	19.74	-21.78	-8.87	7.19
-14.0	11.191	-165.21	25.55	-19.46	-9.11	6.50
-15.0	10.896	-177.17	32.29	-15.81	-9.29	5.69
-16.0	10.527	-189.88	40.15	-10.18	-9.40	4.73
-17.0C	10.077	-203.64	47.24	-1.83	-9.42	3.59
-18.0C	9.582	-218.80	48.02	9.09	-9.31	2.25
-19.0D	9.136	-235.56	37.20	20.37	-9.10	0.75
-20.0	8.852	-253.71	17.41	28.26	-8.81	-0.85
-21.0	8.787	-272.55	-4.64	29.92	-8.43	-2.49
-22.0	8.939	-291.18	-24.34	24.96	-7.95	-4.08
-23.0	9.269	-308.81	-39.38	15.29	-7.41	-5.56
-24.0	9.725	-324.98	-48.88	3.74	-6.86	-6.89
-25.0D	10.248	-339.55	-52.26	-7.14	-6.34	-8.05
-26.0D	10.772	-352.67	-49.20	-15.73	-5.87	-9.03
-27.0C	11.235	-364.63	-40.66	-21.62	-5.44	-9.83
-28.0C	11.592	-375.74	-28.71	-25.21	-5.04	-10.44
-29.0C	11.817	-386.32	-15.21	-27.04	-4.63	-10.87
-30.0C	11.902	-396.64	-1.26	-27.44	-4.20	-11.13

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	10.00	0.0	10.00
-1.0	10.232	-14.90	-25.05	5.23	-1.24	10.16
-2.0	10.505	-29.07	-27.93	0.14	-2.41	10.23
-3.0	10.797	-42.48	-28.82	-4.75	-3.47	10.22
-4.0	11.088	-55.17	-27.93	-9.12	-4.43	10.17
-5.0B	11.363	-67.22	-25.46	-12.81	-5.28	10.06
-6.0B	11.604	-78.71	-21.62	-15.77	-6.02	9.92
-7.0B	11.801	-89.77	-16.67	-18.02	-6.67	9.74
-8.0B	11.943	-100.50	-10.92	-19.60	-7.22	9.51
-9.0B	12.023	-111.02	-4.67	-20.52	-7.70	9.23
-10.0B	12.038	-121.46	1.74	-20.82	-8.11	8.90
-11.0B	11.988	-131.91	8.00	-20.53	-8.46	8.49
-12.0B	11.875	-142.50	13.88	-19.66	-8.77	8.01
-13.0	11.706	-153.34	19.23	-18.19	-9.03	7.45
-14.0	11.484	-164.53	24.10	-16.04	-9.26	6.79
-15.0	11.214	-176.20	28.70	-13.03	-9.46	6.02
-16.0	10.897	-188.50	33.22	-8.86	-9.62	5.13
-17.0	10.535	-201.59	37.36	-3.18	-9.71	4.10
-18.0C	10.139	-215.68	39.52	4.21	-9.71	2.92
-19.0C	9.744	-230.94	36.70	12.78	-9.61	1.59
-20.0D	9.414	-247.39	26.61	20.80	-9.41	0.13
-21.0D	9.221	-264.79	10.47	25.78	-9.12	-1.39
-22.0	9.207	-282.58	-7.82	25.86	-8.73	-2.93
-23.0	9.375	-300.04	-24.38	21.00	-8.27	-4.42
-24.0D	9.691	-316.60	-36.64	12.85	-7.76	-5.80
-25.0D	10.105	-331.93	-43.43	3.69	-7.25	-7.04
-26.0D	10.560	-345.98	-44.69	-4.65	-6.74	-8.13
-27.0C	11.003	-358.86	-41.19	-11.23	-6.27	-9.04
-28.0C	11.391	-370.80	-34.30	-15.95	-5.81	-9.80
-29.0C	11.698	-382.04	-25.38	-19.08	-5.38	-10.39
-30.0C	11.907	-392.79	-15.47	-20.94	-4.94	-10.83

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	10.00	0.0	10.00
-1.0	10.234	-14.90	-25.32	5.17	-1.24	10.16
-2.0	10.511	-29.05	-28.55	-0.03	-2.41	10.23
-3.0	10.811	-42.44	-29.84	-5.09	-3.47	10.24
-4.0	11.115	-55.08	-29.35	-9.65	-4.42	10.20
-5.0B	11.405	-67.03	-27.17	-13.55	-5.26	10.12
-6.0B	11.666	-78.41	-23.46	-16.71	-6.00	10.00
-7.0B	11.881	-89.32	-18.43	-19.12	-6.63	9.86
-8.0B	12.039	-99.88	-12.41	-20.83	-7.18	9.67
-9.0B	12.133	-110.21	-5.78	-21.85	-7.64	9.43
-10.0B	12.157	-120.43	1.07	-22.23	-8.03	9.13
-11.0B	12.111	-130.67	7.75	-21.99	-8.36	8.76
-12.0B	12.000	-141.02	13.93	-21.18	-8.65	8.32
-13.0B	11.829	-151.62	19.41	-19.80	-8.90	7.79
-14.0	11.605	-162.56	24.22	-17.80	-9.12	7.17
-15.0	11.335	-173.96	28.65	-15.03	-9.32	6.45
-16.0	11.019	-185.96	33.17	-11.19	-9.48	5.61
-17.0	10.655	-198.73	37.92	-5.83	-9.60	4.63
-18.0C	10.246	-212.46	41.73	1.46	-9.63	3.49
-19.0C	9.816	-227.41	41.25	10.51	-9.57	2.19
-20.0D	9.430	-243.67	32.69	19.77	-9.40	0.75
-21.0D	9.175	-261.09	16.24	26.41	-9.14	-0.80
-22.0	9.110	-279.11	-3.75	27.90	-8.80	-2.37
-23.0	9.247	-296.97	-22.58	23.65	-8.38	-3.91
-24.0	9.557	-313.95	-37.14	15.22	-7.91	-5.36
-25.0D	9.987	-329.63	-45.84	5.20	-7.44	-6.67
-26.0D	10.473	-343.91	-48.26	-4.10	-6.98	-7.81
-27.0C	10.954	-356.91	-44.98	-11.45	-6.54	-8.79
-28.0C	11.379	-368.87	-37.57	-16.63	-6.13	-9.58
-29.0C	11.715	-380.06	-27.80	-19.99	-5.74	-10.21
-30.0C	11.944	-390.73	-16.96	-21.95	-5.34	-10.68

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	10.00	0.0	10.00
-1.0	10.235	-14.89	-25.59	5.12	-1.24	10.16
-2.0	10.517	-29.04	-29.17	-0.20	-2.40	10.24
-3.0	10.825	-42.39	-30.88	-5.43	-3.46	10.26
-4.0	11.142	-54.98	-30.78	-10.19	-4.41	10.23
-5.0B	11.449	-66.85	-28.88	-14.29	-5.25	10.17
-6.0B	11.727	-78.11	-25.24	-17.62	-5.98	10.09
-7.0B	11.960	-88.88	-20.04	-20.17	-6.60	9.97
-8.0B	12.133	-99.27	-13.64	-21.96	-7.13	9.82
-9.0B	12.236	-109.43	-6.48	-23.03	-7.57	9.61
-10.0B	12.264	-119.46	0.94	-23.42	-7.94	9.35
-11.0B	12.218	-129.51	8.14	-23.16	-8.25	9.01
-12.0B	12.100	-139.68	14.69	-22.31	-8.52	8.59
-13.0B	11.920	-150.09	20.30	-20.92	-8.75	8.09
-14.0	11.688	-160.86	24.99	-18.96	-8.97	7.50
-15.0	11.411	-172.09	29.11	-16.29	-9.17	6.80
-16.0	11.092	-183.91	33.36	-12.63	-9.34	5.99
-17.0	10.727	-196.48	38.25	-7.48	-9.47	5.04
-18.0	10.310	-210.01	43.02	-0.26	-9.53	3.93
-19.0C	9.859	-224.76	44.18	9.09	-9.50	2.64
-20.0D	9.436	-240.91	36.75	19.18	-9.36	1.20
-21.0D	9.140	-258.36	19.91	26.91	-9.13	-0.36
-22.0	9.044	-276.55	-1.49	29.26	-8.83	-1.96
-23.0	9.167	-294.66	-22.01	25.27	-8.46	-3.54
-24.0	9.480	-311.89	-38.16	16.49	-8.04	-5.03
-25.0D	9.926	-327.76	-48.12	5.75	-7.60	-6.38
-26.0D	10.440	-342.14	-51.13	-4.27	-7.19	-7.57
-27.0C	10.950	-355.14	-47.63	-12.07	-6.81	-8.58
-28.0C	11.398	-367.05	-39.44	-17.45	-6.45	-9.40
-29.0C	11.748	-378.16	-28.73	-20.85	-6.09	-10.04
-30.0C	11.983	-388.74	-17.03	-22.76	-5.73	-10.52

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	10.00	0.0	10.00
-1.0	10.236	-14.89	-25.86	5.06	-1.24	10.16
-2.0	10.522	-29.03	-29.80	-0.38	-2.40	10.24
-3.0	10.840	-42.35	-31.93	-5.77	-3.46	10.27
-4.0B	11.169	-54.88	-32.23	-10.73	-4.41	10.26
-5.0B	11.492	-66.67	-30.59	-15.02	-5.24	10.23
-6.0B	11.788	-77.82	-26.94	-18.51	-5.96	10.17
-7.0B	12.037	-88.45	-21.47	-21.16	-6.57	10.09
-8.0B	12.222	-98.68	-14.56	-23.01	-7.08	9.96
-9.0B	12.332	-108.67	-6.77	-24.08	-7.50	9.79
-10.0B	12.360	-118.54	1.32	-24.41	-7.85	9.55
-11.0B	12.306	-128.43	9.10	-24.05	-8.14	9.23
-12.0B	12.177	-138.46	16.05	-23.10	-8.39	8.83
-13.0B	11.982	-148.75	21.77	-21.61	-8.61	8.34
-14.0B	11.735	-159.42	26.26	-19.59	-8.81	7.75
-15.0	11.448	-170.56	29.97	-16.93	-9.01	7.06
-16.0	11.122	-182.29	33.81	-13.32	-9.19	6.26
-17.0	10.753	-194.78	38.64	-8.22	-9.34	5.33
-18.0	10.330	-208.23	43.96	-0.96	-9.42	4.23
-19.0C	9.864	-222.92	46.09	8.69	-9.41	2.95
-20.0D	9.419	-239.08	39.02	19.35	-9.30	1.49
-21.0D	9.103	-256.61	21.33	27.65	-9.10	-0.08
-22.0	9.000	-274.95	-1.41	30.19	-8.84	-1.70
-23.0	9.128	-293.20	-23.13	25.92	-8.51	-3.31
-24.0	9.457	-310.52	-40.18	16.54	-8.13	-4.82
-25.0D	9.927	-326.40	-50.64	5.17	-7.75	-6.20
-26.0D	10.466	-340.70	-53.46	-5.26	-7.40	-7.40
-27.0C	10.996	-353.59	-49.08	-13.18	-7.07	-8.42
-28.0C	11.453	-365.37	-39.75	-18.45	-6.75	-9.25
-29.0C	11.801	-376.36	-28.05	-21.67	-6.44	-9.89
-30.0	12.024	-386.84	-15.59	-23.38	-6.10	-10.36

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	15.00	0.0	10.00
-1.0	10.246	-15.17	-27.60	9.85	-1.30	10.16
-2.0	10.556	-29.53	-32.67	4.01	-2.50	10.26
-3.0	10.906	-43.00	-35.30	-1.78	-3.60	10.29
-4.0B	11.270	-55.61	-35.61	-7.03	-4.58	10.30
-5.0B	11.626	-67.41	-33.74	-11.49	-5.43	10.28
-6.0B	11.953	-78.53	-29.89	-15.09	-6.17	10.24
-7.0B	12.232	-89.09	-24.36	-17.87	-6.79	10.18
-8.0A	12.447	-99.22	-17.58	-19.87	-7.31	10.08
-9.0A	12.589	-109.07	-9.98	-21.13	-7.73	9.94
-10.0A	12.650	-118.76	-2.00	-21.64	-8.07	9.74
-11.0A	12.630	-128.42	5.95	-21.42	-8.35	9.47
-12.0B	12.530	-138.17	13.46	-20.53	-8.59	9.13
-13.0B	12.357	-148.14	20.12	-19.03	-8.78	8.69
-14.0B	12.122	-158.45	25.61	-16.97	-8.97	8.16
-15.0B	11.838	-169.19	29.79	-14.36	-9.14	7.52
-16.0	11.517	-180.49	32.85	-11.10	-9.31	6.78
-17.0	11.168	-192.46	35.23	-6.98	-9.47	5.92
-18.0	10.798	-205.23	37.22	-1.72	-9.61	4.93
-19.0	10.410	-218.93	38.23	4.91	-9.69	3.79
-20.0C	10.026	-233.70	36.17	12.67	-9.71	2.51
-21.0C	9.690	-249.60	28.35	20.37	-9.63	1.10
-22.0D	9.468	-266.46	14.22	25.87	-9.46	-0.40
-23.0D	9.412	-283.82	-3.50	27.12	-9.21	-1.94
-24.0D	9.538	-301.03	-20.78	23.54	-8.89	-3.45
-25.0D	9.824	-317.50	-34.35	16.38	-8.53	-4.87
-26.0D	10.222	-332.83	-42.46	7.81	-8.15	-6.17
-27.0C	10.673	-346.92	-44.84	-0.23	-7.76	-7.32
-28.0C	11.123	-359.86	-42.40	-6.74	-7.39	-8.31
-29.0C	11.529	-371.85	-36.68	-11.56	-7.03	-9.14
-30.0	11.867	-383.08	-29.16	-14.97	-6.68	-9.81

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	15.00	0.0	10.00
-1.0	10.247	-15.17	-27.87	9.80	-1.29	10.16
-2.0	10.562	-29.52	-33.31	3.83	-2.50	10.26
-3.0	10.920	-42.96	-36.35	-2.13	-3.60	10.31
-4.0B	11.297	-55.51	-37.05	-7.57	-4.57	10.33
-5.0B	11.670	-67.23	-35.37	-12.20	-5.42	10.33
-6.0B	12.013	-78.24	-31.44	-15.93	-6.15	10.32
-7.0B	12.306	-88.67	-25.56	-18.79	-6.76	10.29
-8.0A	12.531	-98.67	-18.22	-20.82	-7.26	10.22
-9.0A	12.675	-108.37	-9.96	-22.05	-7.66	10.10
-10.0A	12.733	-117.93	-1.30	-22.48	-7.98	9.92
-11.0A	12.702	-127.47	7.26	-22.12	-8.24	9.67
-12.0B	12.587	-137.12	15.24	-21.05	-8.45	9.33
-13.0B	12.394	-147.01	22.15	-19.36	-8.64	8.89
-14.0B	12.139	-157.27	27.56	-17.14	-8.81	8.35
-15.0B	11.836	-168.00	31.36	-14.40	-8.98	7.71
-16.0	11.502	-179.32	33.88	-11.05	-9.16	6.96
-17.0	11.145	-191.32	35.83	-6.84	-9.33	6.10
-18.0	10.769	-204.13	37.76	-1.45	-9.49	5.10
-19.0	10.375	-217.91	39.06	5.43	-9.59	3.95
-20.0C	9.981	-232.80	37.18	13.57	-9.62	2.65
-21.0D	9.637	-248.86	28.81	21.62	-9.56	1.22
-22.0D	9.416	-265.90	13.34	27.13	-9.41	-0.31
-23.0D	9.376	-283.42	-5.81	27.88	-9.19	-1.87
-24.0D	9.532	-300.70	-24.01	23.45	-8.91	-3.39
-25.0D	9.852	-317.11	-37.80	15.43	-8.59	-4.83
-26.0D	10.283	-332.29	-45.41	6.31	-8.25	-6.13
-27.0C	10.759	-346.16	-46.68	-1.87	-7.92	-7.28
-28.0C	11.221	-358.87	-42.88	-8.21	-7.60	-8.26
-29.0C	11.626	-370.64	-35.95	-12.75	-7.28	-9.07
-30.0	11.951	-381.70	-27.52	-15.85	-6.96	-9.72

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	15.00	0.0	10.00
-1.0	10.248	-15.17	-28.15	9.74	-1.29	10.17
-2.0	10.568	-29.50	-33.94	3.66	-2.50	10.27
-3.0	10.935	-42.92	-37.42	-2.47	-3.59	10.33
-4.0B	11.325	-55.41	-38.49	-8.10	-4.56	10.36
-5.0B	11.713	-67.05	-36.98	-12.89	-5.41	10.39
-6.0B	12.072	-77.95	-32.88	-16.73	-6.12	10.40
-7.0A	12.378	-88.26	-26.55	-19.65	-6.72	10.39
-8.0A	12.610	-98.13	-18.57	-21.68	-7.20	10.35
-9.0A	12.754	-107.71	-9.59	-22.85	-7.59	10.25
-10.0A	12.805	-117.14	-0.23	-23.15	-7.89	10.08
-11.0A	12.760	-126.59	8.96	-22.62	-8.13	9.84
-12.0A	12.624	-136.17	17.39	-21.33	-8.32	9.49
-13.0B	12.408	-146.03	24.47	-19.42	-8.49	9.05
-14.0B	12.130	-156.28	29.68	-17.00	-8.66	8.50
-15.0B	11.808	-167.05	32.95	-14.10	-8.83	7.84
-16.0	11.461	-178.43	34.82	-10.62	-9.01	7.08
-17.0	11.097	-190.53	36.31	-6.29	-9.21	6.20
-18.0	10.717	-203.46	38.17	-0.70	-9.38	5.18
-19.0	10.318	-217.37	39.64	6.48	-9.50	4.02
-20.0C	9.918	-232.44	37.59	14.99	-9.54	2.70
-21.0D	9.574	-248.71	28.13	23.21	-9.49	1.23
-22.0D	9.369	-265.96	11.02	28.37	-9.36	-0.32
-23.0D	9.360	-283.60	-9.43	28.21	-9.17	-1.89
-24.0D	9.556	-300.85	-28.13	22.66	-8.92	-3.42
-25.0D	9.917	-317.10	-41.56	13.77	-8.65	-4.86
-26.0D	10.382	-332.02	-48.01	4.30	-8.36	-6.15
-27.0C	10.876	-345.61	-47.65	-3.74	-8.08	-7.28
-28.0C	11.339	-358.04	-42.27	-9.71	-7.80	-8.23
-29.0C	11.731	-369.59	-34.17	-13.82	-7.51	-9.01
-30.0	12.034	-380.48	-25.01	-16.56	-7.22	-9.63

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	15.00	0.0	10.00
-1.0	10.250	-15.17	-28.42	9.68	-1.29	10.17
-2.0	10.574	-29.49	-34.59	3.48	-2.50	10.27
-3.0	10.949	-42.87	-38.50	-2.82	-3.59	10.34
-4.0B	11.353	-55.31	-39.94	-8.63	-4.56	10.40
-5.0B	11.757	-66.87	-38.54	-13.57	-5.39	10.45
-6.0B	12.131	-77.67	-34.21	-17.51	-6.10	10.48
-7.0A	12.448	-87.86	-27.34	-20.45	-6.69	10.50
-8.0A	12.684	-97.60	-18.64	-22.46	-7.15	10.48
-9.0A	12.825	-107.07	-8.91	-23.54	-7.52	10.39
-10.0A	12.865	-116.41	1.17	-23.69	-7.80	10.23
-11.0A	12.802	-125.78	10.96	-22.94	-8.02	9.98
-12.0A	12.644	-135.32	19.80	-21.40	-8.19	9.63
-13.0B	12.403	-145.17	26.94	-19.25	-8.35	9.17
-14.0B	12.101	-155.46	31.82	-16.63	-8.51	8.60
-15.0B	11.760	-166.30	34.41	-13.56	-8.69	7.92
-16.0	11.402	-177.79	35.57	-9.94	-8.89	7.14
-17.0	11.033	-190.02	36.63	-5.44	-9.10	6.24
-18.0	10.650	-203.10	38.48	0.40	-9.29	5.21
-19.0	10.247	-217.20	40.07	7.93	-9.43	4.02
-20.0C	9.844	-232.50	37.50	16.78	-9.48	2.67
-21.0D	9.509	-249.02	26.48	24.99	-9.44	1.18
-22.0D	9.330	-266.47	7.55	29.46	-9.32	-0.40
-23.0D	9.363	-284.17	-13.98	28.07	-9.15	-1.98
-24.0D	9.606	-301.33	-32.74	21.27	-8.94	-3.52
-25.0D	10.012	-317.33	-45.25	11.61	-8.71	-4.94
-26.0C	10.505	-331.92	-50.00	2.04	-8.47	-6.21
-27.0C	11.010	-345.18	-47.66	-5.63	-8.23	-7.31
-28.0C	11.464	-357.33	-40.69	-11.07	-7.99	-8.22
-29.0	11.835	-368.65	-31.60	-14.71	-7.73	-8.97
-30.0	12.109	-379.39	-21.92	-17.05	-7.44	-9.55

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	20.00	0.0	10.00
-1.0	10.259	-15.44	-30.20	14.46	-1.35	10.17
-2.0	10.608	-29.99	-37.46	7.84	-2.60	10.28
-3.0	11.015	-43.52	-41.76	1.15	-3.73	10.37
-4.0B	11.452	-56.03	-43.13	-4.91	-4.73	10.43
-5.0B	11.888	-67.61	-41.65	-10.04	-5.59	10.49
-6.0B	12.295	-78.38	-37.56	-14.19	-6.32	10.55
-7.0A	12.649	-88.50	-31.35	-17.47	-6.91	10.59
-8.0A	12.931	-98.13	-23.66	-19.98	-7.39	10.61
-9.0A	13.129	-107.41	-15.04	-21.71	-7.76	10.59
-10.0A	13.237	-116.48	-5.94	-22.58	-8.04	10.52
-11.0A	13.251	-125.48	3.28	-22.53	-8.24	10.37
-12.0A	13.171	-134.53	12.28	-21.56	-8.40	10.15
-13.0A	13.001	-143.77	20.68	-19.77	-8.52	9.82
-14.0A	12.751	-153.31	27.99	-17.32	-8.63	9.39
-15.0B	12.434	-163.29	33.66	-14.35	-8.74	8.85
-16.0B	12.070	-173.84	37.25	-10.91	-8.87	8.19
-17.0	11.680	-185.06	38.80	-6.96	-9.02	7.42
-18.0	11.282	-197.06	38.86	-2.32	-9.20	6.52
-19.0	10.888	-209.92	38.07	3.20	-9.39	5.51
-20.0	10.506	-223.74	36.28	9.66	-9.56	4.35
-21.0C	10.154	-238.57	31.99	16.71	-9.68	3.06
-22.0C	9.867	-254.39	23.19	23.20	-9.73	1.65
-23.0D	9.697	-270.98	9.42	27.33	-9.70	0.16
-24.0D	9.684	-287.89	-7.07	27.55	-9.59	-1.35
-25.0D	9.839	-304.55	-22.76	23.67	-9.42	-2.84
-26.0D	10.137	-320.44	-34.68	16.98	-9.20	-4.25
-27.0C	10.530	-335.27	-41.40	9.39	-8.96	-5.53
-28.0C	10.966	-348.97	-43.06	2.42	-8.70	-6.67
-29.0C	11.398	-361.63	-40.89	-3.28	-8.44	-7.66
-30.0	11.794	-373.41	-36.39	-7.70	-8.18	-8.50

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	20.00	0.0	10.00
-1.0	10.260	-15.44	-30.47	14.41	-1.34	10.17
-2.0	10.614	-29.97	-38.11	7.66	-2.60	10.29
-3.0	11.030	-43.47	-42.84	0.80	-3.73	10.38
-4.0B	11.480	-55.93	-44.55	-5.44	-4.72	10.46
-5.0B	11.931	-67.43	-43.13	-10.69	-5.58	10.55
-6.0A	12.351	-78.10	-38.74	-14.92	-6.29	10.63
-7.0A	12.715	-88.12	-31.97	-18.23	-6.88	10.69
-8.0A	13.000	-97.64	-23.58	-20.72	-7.34	10.73
-9.0A	13.194	-106.82	-14.25	-22.37	-7.69	10.72
-10.0A	13.290	-115.81	-4.49	-23.09	-7.94	10.65
-11.0A	13.286	-124.75	5.33	-22.80	-8.13	10.51
-12.0A	13.182	-133.78	14.84	-21.54	-8.27	10.27
-13.0A	12.985	-143.02	23.56	-19.44	-8.38	9.92
-14.0A	12.705	-152.62	30.90	-16.69	-8.48	9.46
-15.0B	12.360	-162.71	36.15	-13.45	-8.59	8.88
-16.0B	11.974	-173.41	38.88	-9.80	-8.74	8.19
-17.0	11.572	-184.84	39.39	-5.64	-8.91	7.38
-18.0	11.173	-197.07	38.63	-0.81	-9.12	6.46
-19.0	10.783	-210.19	37.46	4.92	-9.33	5.41
-20.0	10.409	-224.27	35.48	11.61	-9.51	4.22
-21.0C	10.067	-239.39	30.70	18.79	-9.64	2.90
-22.0C	9.799	-255.48	20.76	25.07	-9.69	1.46
-23.0D	9.661	-272.26	5.63	28.46	-9.66	-0.05
-24.0D	9.691	-289.24	-11.70	27.54	-9.56	-1.58
-25.0D	9.894	-305.80	-27.28	22.53	-9.41	-3.06
-26.0D	10.233	-321.46	-38.20	15.14	-9.21	-4.45
-27.0C	10.655	-335.98	-43.35	7.42	-9.00	-5.71
-28.0C	11.102	-349.37	-43.34	0.71	-8.76	-6.82
-29.0C	11.530	-361.74	-39.81	-4.57	-8.52	-7.76
-30.0	11.910	-373.29	-34.44	-8.57	-8.28	-8.56

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	20.00	0.0	10.00
-1.0	10.262	-15.44	-30.74	14.35	-1.34	10.17
-2.0	10.619	-29.96	-38.76	7.48	-2.59	10.30
-3.0	11.045	-43.43	-43.93	0.46	-3.72	10.40
-4.0B	11.507	-55.83	-45.97	-5.96	-4.71	10.50
-5.0B	11.973	-67.25	-44.55	-11.34	-5.57	10.60
-6.0A	12.407	-77.83	-39.80	-15.63	-6.27	10.71
-7.0A	12.778	-87.74	-32.40	-18.95	-6.84	10.79
-8.0A	13.064	-97.16	-23.29	-21.40	-7.28	10.85
-9.0A	13.252	-106.26	-13.25	-22.95	-7.61	10.85
-10.0A	13.334	-115.18	-2.85	-23.48	-7.85	10.78
-11.0A	13.310	-124.08	7.54	-22.94	-8.02	10.62
-12.0A	13.181	-133.09	17.50	-21.37	-8.15	10.36
-13.0A	12.955	-142.37	26.49	-18.95	-8.25	9.99
-14.0A	12.645	-152.04	33.73	-15.91	-8.35	9.50
-15.0B	12.274	-162.26	38.38	-12.43	-8.46	8.89
-16.0B	11.870	-173.14	40.10	-8.58	-8.62	8.16
-17.0	11.462	-184.78	39.55	-4.25	-8.82	7.32
-18.0	11.064	-197.26	38.12	0.77	-9.05	6.37
-19.0	10.682	-210.64	36.73	6.72	-9.28	5.29
-20.0	10.315	-225.00	34.62	13.63	-9.48	4.07
-21.0C	9.985	-240.39	29.17	20.88	-9.61	2.71
-22.0C	9.739	-256.73	17.89	26.81	-9.66	1.24
-23.0D	9.637	-273.69	1.39	29.29	-9.63	-0.29
-24.0D	9.715	-290.68	-16.52	27.14	-9.54	-1.82
-25.0D	9.966	-307.08	-31.64	21.08	-9.40	-3.30
-26.0C	10.343	-322.47	-41.21	13.18	-9.23	-4.66
-27.0C	10.787	-336.67	-44.57	5.51	-9.04	-5.89
-28.0C	11.238	-349.75	-42.89	-0.81	-8.82	-6.96
-29.0	11.654	-361.86	-38.20	-5.63	-8.60	-7.87
-30.0	12.015	-373.20	-32.18	-9.24	-8.36	-8.63

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	20.00	0.0	10.00
-1.0	10.263	-15.44	-31.02	14.29	-1.34	10.17
-2.0	10.625	-29.95	-39.42	7.30	-2.59	10.30
-3.0	11.060	-43.38	-45.04	0.11	-3.72	10.42
-4.0B	11.536	-55.73	-47.39	-6.47	-4.71	10.53
-5.0B	12.016	-67.07	-45.92	-11.97	-5.55	10.66
-6.0A	12.462	-77.56	-40.73	-16.30	-6.25	10.78
-7.0A	12.839	-87.37	-32.65	-19.62	-6.80	10.89
-8.0A	13.124	-96.70	-22.80	-22.01	-7.23	10.95
-9.0A	13.303	-105.72	-12.08	-23.44	-7.54	10.96
-10.0A	13.370	-114.59	-1.06	-23.77	-7.76	10.89
-11.0A	13.325	-123.46	9.85	-22.95	-7.91	10.72
-12.0A	13.170	-132.47	20.23	-21.07	-8.03	10.44
-13.0A	12.915	-141.79	29.42	-18.34	-8.12	10.04
-14.0A	12.576	-151.56	36.43	-15.03	-8.22	9.52
-15.0B	12.181	-161.93	40.30	-11.33	-8.35	8.87
-16.0B	11.763	-173.00	40.87	-7.29	-8.52	8.11
-17.0	11.352	-184.87	39.31	-2.80	-8.75	7.24
-18.0	10.960	-197.59	37.40	2.39	-9.00	6.26
-19.0	10.585	-211.23	35.98	8.55	-9.25	5.14
-20.0C	10.227	-225.86	33.73	15.67	-9.46	3.89
-21.0C	9.909	-241.53	27.42	22.93	-9.59	2.50
-22.0C	9.688	-258.10	14.63	28.36	-9.64	1.00
-23.0D	9.627	-275.18	-3.14	29.79	-9.61	-0.54
-24.0D	9.754	-292.14	-21.36	26.38	-9.53	-2.08
-25.0D	10.051	-308.35	-35.67	19.40	-9.41	-3.53
-26.0C	10.462	-323.44	-43.60	11.19	-9.26	-4.87
-27.0C	10.920	-337.32	-45.06	3.76	-9.08	-6.07
-28.0C	11.367	-350.11	-41.84	-2.10	-8.88	-7.09
-29.0	11.768	-361.99	-36.20	-6.46	-8.66	-7.96
-30.0	12.105	-373.16	-29.75	-9.70	-8.43	-8.68

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	25.00	0.0	10.00
-1.0	10.273	-15.72	-32.84	19.06	-1.40	10.18
-2.0	10.660	-30.44	-42.29	11.63	-2.69	10.31
-3.0B	11.126	-44.02	-48.20	4.06	-3.86	10.44
-4.0B	11.634	-56.44	-50.50	-2.77	-4.88	10.56
-5.0B	12.147	-67.80	-49.24	-8.50	-5.75	10.70
-6.0A	12.630	-78.26	-44.86	-13.23	-6.47	10.85
-7.0A	13.056	-88.00	-38.17	-17.20	-7.04	11.00
-8.0A	13.406	-97.17	-30.02	-20.58	-7.47	11.13
-9.0	13.668	-105.95	-21.04	-23.29	-7.79	11.23
-10.0	13.835	-114.46	-11.62	-25.12	-8.00	11.28
-11.0	13.905	-122.83	-2.02	-25.82	-8.14	11.28
-12.0	13.876	-131.18	7.59	-25.28	-8.21	11.19
-13.0	13.750	-139.64	17.00	-23.53	-8.24	11.01
-14.0A	13.530	-148.32	25.96	-20.77	-8.25	10.72
-15.0A	13.222	-157.36	34.06	-17.28	-8.27	10.32
-16.0A	12.838	-166.90	40.64	-13.31	-8.31	9.79
-17.0B	12.399	-177.07	44.85	-8.98	-8.39	9.13
-18.0B	11.931	-188.02	46.11	-4.27	-8.53	8.34
-19.0	11.465	-199.86	44.68	0.99	-8.73	7.44
-20.0	11.023	-212.66	41.50	6.94	-8.97	6.41
-21.0	10.620	-226.48	37.06	13.55	-9.23	5.25
-22.0	10.272	-241.33	30.60	20.39	-9.48	3.96
-23.0C	10.007	-257.11	20.56	26.33	-9.67	2.56
-24.0C	9.865	-273.56	6.56	29.77	-9.81	1.08
-25.0C	9.880	-290.24	-9.48	29.48	-9.87	-0.43
-26.0C	10.055	-306.61	-24.39	25.46	-9.87	-1.91
-27.0C	10.366	-322.19	-35.52	19.04	-9.82	-3.31
-28.0C	10.765	-336.74	-41.80	11.94	-9.74	-4.59
-29.0C	11.206	-350.21	-43.71	5.39	-9.63	-5.74
-30.0	11.649	-362.65	-42.63	-0.14	-9.50	-6.74

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	25.00	0.0	10.00
-1.0	10.274	-15.71	-33.11	19.00	-1.40	10.18
-2.0	10.666	-30.43	-42.95	11.45	-2.69	10.32
-3.0B	11.141	-43.97	-49.30	3.71	-3.85	10.45
-4.0B	11.662	-56.34	-51.88	-3.28	-4.87	10.59
-5.0B	12.189	-67.63	-50.52	-9.11	-5.74	10.75
-6.0A	12.683	-78.00	-45.66	-13.88	-6.44	10.92
-7.0A	13.114	-87.65	-38.30	-17.87	-7.00	11.09
-8.0A	13.461	-96.74	-29.48	-21.21	-7.42	11.23
-9.0	13.714	-105.45	-19.91	-23.83	-7.72	11.34
-10.0	13.868	-113.91	-10.01	-25.47	-7.91	11.39
-11.0	13.919	-122.25	0.01	-25.91	-8.03	11.37
-12.0	13.868	-130.61	9.97	-25.03	-8.09	11.26
-13.0	13.715	-139.10	19.72	-22.93	-8.11	11.06
-14.0A	13.466	-147.85	28.95	-19.82	-8.12	10.74
-15.0A	13.127	-157.01	37.12	-16.02	-8.15	10.29
-16.0A	12.713	-166.73	43.34	-11.78	-8.20	9.72
-17.0B	12.251	-177.14	46.56	-7.23	-8.30	9.01
-18.0B	11.773	-188.38	46.37	-2.30	-8.47	8.18
-19.0	11.311	-200.55	43.60	3.15	-8.70	7.23
-20.0	10.885	-213.71	39.60	9.26	-8.97	6.17
-21.0	10.504	-227.87	34.76	15.94	-9.25	4.97
-22.0C	10.181	-243.03	27.77	22.63	-9.51	3.65
-23.0C	9.949	-259.07	16.87	28.06	-9.70	2.22
-24.0C	9.850	-275.68	2.05	30.56	-9.82	0.72
-25.0C	9.912	-292.35	-14.18	29.12	-9.88	-0.79
-26.0C	10.133	-308.56	-28.37	24.19	-9.88	-2.26
-27.0C	10.477	-323.88	-38.10	17.35	-9.83	-3.63
-28.0C	10.895	-338.13	-42.75	10.34	-9.74	-4.88
-29.0	11.337	-351.30	-43.27	4.15	-9.63	-5.99
-30.0	11.771	-363.50	-41.29	-0.98	-9.50	-6.95

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	25.00	0.0	10.00
-1.0	10.276	-15.71	-33.38	18.94	-1.39	10.18
-2.0	10.672	-30.41	-43.62	11.27	-2.69	10.33
-3.0B	11.156	-43.93	-50.41	3.36	-3.85	10.47
-4.0B	11.690	-56.24	-53.24	-3.78	-4.87	10.63
-5.0B	12.230	-67.46	-51.73	-9.71	-5.72	10.81
-6.0A	12.734	-77.74	-46.35	-14.51	-6.42	11.00
-7.0A	13.169	-87.30	-38.29	-18.49	-6.96	11.18
-8.0	13.513	-96.32	-28.81	-21.79	-7.37	11.33
-9.0	13.756	-104.97	-18.70	-24.30	-7.65	11.43
-10.0	13.895	-113.39	-8.35	-25.75	-7.83	11.48
-11.0	13.927	-121.72	2.03	-25.91	-7.93	11.45
-12.0	13.853	-130.08	12.34	-24.70	-7.98	11.33
-13.0	13.675	-138.61	22.40	-22.25	-8.00	11.09
-14.0A	13.397	-147.45	31.88	-18.81	-8.01	10.74
-15.0A	13.028	-156.74	40.06	-14.72	-8.03	10.25
-16.0A	12.586	-166.64	45.73	-10.25	-8.10	9.63
-17.0B	12.105	-177.30	47.72	-5.49	-8.23	8.88
-18.0	11.623	-188.84	46.02	-0.38	-8.42	8.01
-19.0	11.171	-201.33	42.11	5.22	-8.68	7.03
-20.0	10.763	-214.80	37.62	11.44	-8.98	5.93
-21.0	10.403	-229.28	32.55	18.15	-9.28	4.70
-22.0C	10.106	-244.73	25.06	24.66	-9.54	3.34
-23.0C	9.906	-260.99	13.27	29.51	-9.73	1.88
-24.0C	9.847	-277.70	-2.28	31.05	-9.84	0.37
-25.0C	9.955	-294.33	-18.48	28.55	-9.89	-1.14
-26.0C	10.215	-310.36	-31.78	22.87	-9.88	-2.59
-27.0C	10.587	-325.42	-40.03	15.81	-9.83	-3.94
-28.0C	11.016	-339.39	-43.12	8.98	-9.74	-5.15
-29.0	11.456	-352.31	-42.45	3.17	-9.62	-6.22
-30.0	11.878	-364.30	-39.80	-1.59	-9.49	-7.15

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	25.00	0.0	10.00
-1.0	10.277	-15.71	-33.66	18.88	-1.39	10.18
-2.0	10.678	-30.40	-44.29	11.09	-2.69	10.33
-3.0B	11.171	-43.88	-51.53	3.01	-3.85	10.49
-4.0B	11.718	-56.14	-54.59	-4.28	-4.86	10.66
-5.0A	12.271	-67.28	-52.88	-10.28	-5.71	10.86
-6.0A	12.785	-77.49	-46.91	-15.10	-6.40	11.07
-7.0A	13.221	-86.97	-38.15	-19.07	-6.93	11.26
-8.0	13.560	-95.92	-28.03	-22.32	-7.31	11.42
-9.0	13.793	-104.51	-17.42	-24.70	-7.58	11.53
-10.0	13.916	-112.90	-6.68	-25.95	-7.74	11.56
-11.0	13.930	-121.22	4.05	-25.83	-7.83	11.52
-12.0	13.834	-129.60	14.68	-24.30	-7.87	11.38
-13.0	13.630	-138.18	25.07	-21.51	-7.88	11.12
-14.0A	13.323	-147.10	34.77	-17.76	-7.90	10.73
-15.0A	12.924	-156.53	42.83	-13.40	-7.93	10.20
-16.0B	12.458	-166.62	47.74	-8.71	-8.02	9.54
-17.0B	11.963	-177.53	48.32	-3.77	-8.17	8.74
-18.0	11.483	-189.36	45.15	1.47	-8.39	7.84
-19.0	11.045	-202.16	40.39	7.19	-8.69	6.82
-20.0	10.656	-215.93	35.68	13.50	-9.01	5.69
-21.0	10.316	-230.70	30.49	20.20	-9.32	4.43
-22.0C	10.042	-246.40	22.44	26.47	-9.57	3.04
-23.0C	9.874	-262.84	9.75	30.70	-9.75	1.56
-24.0C	9.855	-279.62	-6.41	31.28	-9.85	0.04
-25.0C	10.004	-296.18	-22.40	27.82	-9.90	-1.46
-26.0C	10.300	-312.02	-34.65	21.56	-9.88	-2.90
-27.0C	10.694	-326.83	-41.39	14.41	-9.83	-4.22
-28.0C	11.129	-340.54	-43.04	7.85	-9.73	-5.40
-29.0	11.563	-353.24	-41.37	2.41	-9.60	-6.44
-30.0	11.971	-365.06	-38.23	-2.02	-9.47	-7.33

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	30.00	0.0	10.00
-1.0	10.287	-15.99	-35.51	23.63	-1.45	10.18
-2.0	10.713	-30.89	-47.16	15.38	-2.79	10.34
-3.0B	11.237	-44.51	-54.63	6.93	-3.99	10.51
-4.0B	11.816	-56.84	-57.74	-0.62	-5.03	10.69
-5.0A	12.404	-68.00	-56.60	-6.96	-5.91	10.91
-6.0A	12.962	-78.17	-52.01	-12.40	-6.62	11.14
-7.0	13.460	-87.55	-45.14	-17.43	-7.17	11.39
-8.0	13.881	-96.31	-37.01	-22.28	-7.57	11.64
-9.0	14.214	-104.61	-28.15	-26.79	-7.83	11.86
-10.0	14.455	-112.59	-18.81	-30.53	-7.98	12.06
-11.0	14.598	-120.36	-9.12	-32.99	-8.02	12.19
-12.0	14.641	-128.04	0.75	-33.75	-8.00	12.26
-13.0	14.583	-135.72	10.59	-32.69	-7.92	12.25
-14.0	14.425	-143.51	20.18	-29.93	-7.81	12.13
-15.0	14.171	-151.54	29.37	-25.88	-7.69	11.90
-16.0	13.826	-159.92	38.01	-21.01	-7.60	11.55
-17.0A	13.397	-168.79	45.78	-15.75	-7.55	11.07
-18.0A	12.895	-178.31	51.89	-10.33	-7.57	10.44
-19.0B	12.345	-188.66	55.09	-4.72	-7.66	9.68
-20.0B	11.782	-199.98	54.44	1.30	-7.85	8.79
-21.0	11.244	-212.41	50.34	8.02	-8.13	7.77
-22.0	10.760	-226.02	44.01	15.46	-8.48	6.63
-23.0	10.350	-240.81	35.64	23.20	-8.86	5.35
-24.0C	10.042	-256.67	23.95	30.06	-9.23	3.95
-25.0C	9.875	-273.33	8.19	34.21	-9.56	2.46
-26.0C	9.883	-290.27	-9.84	34.15	-9.84	0.93
-27.0C	10.072	-306.89	-26.64	29.82	-10.05	-0.58
-28.0C	10.413	-322.65	-39.22	22.77	-10.22	-2.02
-29.0C	10.856	-337.27	-46.55	14.97	-10.33	-3.33
-30.0	11.350	-350.69	-49.47	7.77	-10.42	-4.50

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	30.00	0.0	10.00
-1.0	10.288	-15.99	-35.79	23.58	-1.45	10.19
-2.0	10.719	-30.88	-47.84	15.20	-2.78	10.35
-3.0B	11.253	-44.47	-55.74	6.58	-3.98	10.52
-4.0B	11.844	-56.75	-59.04	-1.11	-5.02	10.72
-5.0A	12.444	-67.83	-57.66	-7.52	-5.90	10.96
-6.0A	13.010	-77.93	-52.47	-12.99	-6.60	11.21
-7.0	13.509	-87.23	-44.94	-18.03	-7.13	11.47
-8.0	13.925	-95.93	-36.27	-22.86	-7.51	11.73
-9.0	14.249	-104.19	-27.06	-27.30	-7.76	11.95
-10.0	14.478	-112.13	-17.54	-30.89	-7.89	12.14
-11.0	14.607	-119.89	-7.78	-33.13	-7.93	12.27
-12.0	14.636	-127.56	2.08	-33.65	-7.89	12.33
-13.0	14.565	-135.25	11.89	-32.34	-7.81	12.30
-14.0	14.394	-143.08	21.49	-29.38	-7.70	12.16
-15.0	14.126	-151.15	30.78	-25.16	-7.59	11.92
-16.0	13.766	-159.59	39.64	-20.13	-7.50	11.54
-17.0A	13.318	-168.56	47.64	-14.72	-7.46	11.03
-18.0A	12.798	-178.22	53.68	-9.14	-7.49	10.38
-19.0B	12.233	-188.75	56.18	-3.36	-7.61	9.58
-20.0B	11.664	-200.31	54.28	2.84	-7.82	8.66
-21.0	11.134	-212.99	49.02	9.69	-8.13	7.61
-22.0	10.667	-226.86	42.09	17.20	-8.50	6.44
-23.0	10.279	-241.89	33.47	24.87	-8.90	5.15
-24.0C	9.994	-257.96	21.44	31.44	-9.27	3.73
-25.0C	9.855	-274.75	5.26	35.02	-9.60	2.22
-26.0C	9.894	-291.73	-12.92	34.21	-9.87	0.68
-27.0C	10.113	-308.28	-29.30	29.26	-10.08	-0.83
-28.0C	10.477	-323.90	-40.96	21.91	-10.23	-2.25
-29.0C	10.932	-338.35	-47.17	14.17	-10.34	-3.55
-30.0	11.427	-351.60	-49.19	7.20	-10.42	-4.70

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	30.00	0.0	10.00
-1.0	10.290	-15.98	-36.06	23.52	-1.45	10.19
-2.0	10.725	-30.86	-48.51	15.01	-2.78	10.36
-3.0B	11.268	-44.42	-56.85	6.23	-3.98	10.54
-4.0B	11.871	-56.65	-60.33	-1.59	-5.02	10.76
-5.0A	12.484	-67.67	-58.64	-8.07	-5.88	11.01
-6.0A	13.057	-77.68	-52.82	-13.56	-6.57	11.28
-7.0	13.556	-86.92	-44.64	-18.60	-7.09	11.55
-8.0	13.967	-95.56	-35.48	-23.41	-7.46	11.81
-9.0	14.281	-103.77	-25.98	-27.76	-7.69	12.03
-10.0	14.497	-111.69	-16.31	-31.20	-7.81	12.21
-11.0	14.614	-119.43	-6.52	-33.23	-7.83	12.34
-12.0	14.631	-127.11	3.31	-33.52	-7.79	12.38
-13.0	14.547	-134.81	13.09	-32.00	-7.70	12.34
-14.0	14.363	-142.67	22.71	-28.85	-7.59	12.19
-15.0	14.083	-150.78	32.14	-24.46	-7.49	11.93
-16.0	13.707	-159.29	41.26	-19.29	-7.41	11.53
-17.0A	13.242	-168.36	49.47	-13.72	-7.38	10.99
-18.0A	12.703	-178.16	55.36	-7.98	-7.43	10.31
-19.0B	12.124	-188.87	57.01	-2.03	-7.56	9.48
-20.0	11.554	-200.65	53.81	4.32	-7.80	8.53
-21.0	11.034	-213.58	47.55	11.27	-8.13	7.46
-22.0	10.584	-227.69	40.24	18.82	-8.53	6.27
-23.0	10.216	-242.94	31.49	26.42	-8.93	4.95
-24.0C	9.953	-259.19	19.14	32.70	-9.31	3.51
-25.0C	9.839	-276.10	2.52	35.72	-9.64	1.99
-26.0C	9.907	-293.10	-15.79	34.21	-9.90	0.44
-27.0C	10.154	-309.58	-31.72	28.69	-10.10	-1.06
-28.0C	10.538	-325.06	-42.43	21.13	-10.24	-2.47
-29.0C	11.002	-339.35	-47.57	13.48	-10.34	-3.75
-30.0	11.498	-352.47	-48.78	6.73	-10.41	-4.89

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-20.00	30.00	0.0	10.00
-1.0	10.291	-15.98	-36.34	23.46	-1.44	10.19
-2.0	10.731	-30.85	-49.20	14.83	-2.78	10.36
-3.0B	11.283	-44.38	-57.97	5.88	-3.98	10.56
-4.0B	11.899	-56.55	-61.58	-2.07	-5.01	10.79
-5.0A	12.523	-67.50	-59.55	-8.60	-5.87	11.06
-6.0A	13.102	-77.44	-53.08	-14.10	-6.55	11.35
-7.0	13.601	-86.61	-44.26	-19.14	-7.05	11.63
-8.0	14.005	-95.20	-34.66	-23.92	-7.40	11.89
-9.0	14.310	-103.38	-24.90	-28.18	-7.62	12.11
-10.0	14.514	-111.27	-15.13	-31.46	-7.73	12.29
-11.0	14.619	-119.01	-5.34	-33.29	-7.74	12.40
-12.0	14.624	-126.68	4.45	-33.37	-7.70	12.43
-13.0	14.528	-134.40	14.19	-31.65	-7.60	12.38
-14.0	14.333	-142.28	23.86	-28.33	-7.50	12.22
-15.0	14.040	-150.44	33.46	-23.79	-7.39	11.94
-16.0	13.650	-159.02	42.86	-18.47	-7.32	11.52
-17.0A	13.167	-168.18	51.29	-12.75	-7.31	10.95
-18.0A	12.610	-178.12	56.92	-6.84	-7.36	10.24
-19.0B	12.020	-189.01	57.57	-0.75	-7.52	9.38
-20.0	11.451	-201.01	53.07	5.73	-7.78	8.40
-21.0	10.943	-214.17	46.00	12.77	-8.14	7.32
-22.0	10.511	-228.50	38.50	20.34	-8.55	6.11
-23.0	10.160	-243.95	29.69	27.86	-8.97	4.77
-24.0C	9.917	-260.37	17.01	33.86	-9.35	3.31
-25.0C	9.827	-277.38	-0.07	36.33	-9.67	1.77
-26.0C	9.923	-294.39	-18.49	34.15	-9.92	0.22
-27.0C	10.195	-310.79	-33.92	28.13	-10.11	-1.28
-28.0C	10.597	-326.15	-43.67	20.41	-10.25	-2.68
-29.0C	11.069	-340.30	-47.80	12.88	-10.34	-3.95
-30.0	11.562	-353.28	-48.29	6.36	-10.40	-5.06

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-30.00	0.0	10.00
-1.0	10.083	-12.75	-1.22	-31.50	-0.85	10.05
-2.0	10.023	-25.47	13.02	-30.57	-1.68	9.88
-3.0	9.816	-38.53	27.53	-26.87	-2.51	9.49
-4.0	9.462	-52.37	41.49	-19.59	-3.35	8.85
-5.0C	8.980	-67.53	51.55	-7.87	-4.21	7.93
-6.0D	8.443	-84.56	51.24	7.67	-5.09	6.73
-7.0	7.977	-103.77	38.04	23.59	-5.96	5.30
-8.0	7.693	-124.87	16.59	34.78	-6.77	3.66
-9.0	7.648	-146.90	-7.80	36.89	-7.41	1.89
-10.0	7.842	-168.53	-29.06	29.25	-7.84	0.08
-11.0	8.214	-188.64	-42.25	15.65	-8.05	-1.66
-12.0	8.676	-206.79	-46.85	0.89	-8.05	-3.23
-13.0	9.150	-223.07	-44.90	-11.99	-7.91	-4.61
-14.0	9.579	-237.78	-38.21	-21.87	-7.65	-5.77
-15.0D	9.920	-251.33	-28.07	-28.65	-7.29	-6.72
-16.0D	10.145	-264.10	-15.63	-32.66	-6.85	-7.48
-17.0D	10.236	-276.47	-2.06	-34.30	-6.30	-8.06
-18.0D	10.187	-288.77	11.57	-33.79	-5.64	-8.48
-19.0	10.002	-301.34	24.47	-31.06	-4.84	-8.75
-20.0	9.690	-314.55	36.33	-25.65	-3.89	-8.88
-21.0	9.262	-328.80	47.19	-16.60	-2.76	-8.84
-22.0E	8.734	-344.62	55.14	-2.72	-1.43	-8.62
-23.0F	8.169	-362.62	52.70	15.38	0.10	-8.17
-24.0	7.715	-383.06	33.55	32.41	1.76	-7.51
-25.0	7.519	-405.30	3.86	40.44	3.48	-6.67
-26.0	7.635	-427.77	-25.57	35.38	5.12	-5.67
-27.0	8.013	-448.79	-46.66	20.27	6.58	-4.57
-28.0	8.550	-467.51	-56.43	1.91	7.81	-3.48
-29.0F	9.130	-483.87	-55.36	-14.25	8.80	-2.44
-30.0E	9.652	-498.34	-45.53	-25.80	9.53	-1.51

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-30.00	0.0	10.00
-1.0	10.085	-12.75	-1.46	-31.54	-0.85	10.05
-2.0	10.028	-25.46	12.65	-30.69	-1.68	9.89
-3.0	9.824	-38.50	27.29	-27.05	-2.50	9.50
-4.0	9.470	-52.31	41.79	-19.75	-3.34	8.86
-5.0C	8.982	-67.46	52.50	-7.82	-4.20	7.94
-6.0D	8.435	-84.51	51.95	8.00	-5.08	6.73
-7.0	7.967	-103.77	37.76	23.97	-5.96	5.29
-8.0	7.688	-124.91	15.99	34.97	-6.76	3.65
-9.0	7.647	-146.96	-7.96	36.96	-7.41	1.88
-10.0	7.840	-168.59	-28.62	29.46	-7.84	0.07
-11.0	8.206	-188.74	-41.47	16.13	-8.03	-1.67
-12.0	8.660	-206.97	-46.19	1.58	-8.03	-3.25
-13.0	9.130	-223.32	-44.81	-11.32	-7.87	-4.63
-14.0	9.561	-238.11	-38.95	-21.41	-7.60	-5.80
-15.0D	9.914	-251.69	-29.58	-28.52	-7.25	-6.77
-16.0D	10.158	-264.46	-17.70	-32.90	-6.81	-7.54
-17.0D	10.272	-276.76	-4.46	-34.93	-6.28	-8.13
-18.0D	10.248	-288.94	9.01	-34.87	-5.65	-8.55
-19.0	10.090	-301.32	21.81	-32.72	-4.89	-8.83
-20.0	9.806	-314.24	33.64	-28.13	-3.98	-8.96
-21.0	9.404	-328.09	44.90	-20.20	-2.91	-8.94
-22.0	8.891	-343.37	54.91	-7.50	-1.65	-8.74
-23.0E	8.307	-360.71	56.89	10.33	-0.18	-8.31
-24.0F	7.790	-380.58	41.22	29.06	1.45	-7.65
-25.0	7.511	-402.61	12.05	40.38	3.16	-6.82
-26.0	7.549	-425.32	-18.96	38.60	4.82	-5.81
-27.0	7.874	-446.95	-43.02	25.16	6.32	-4.70
-28.0	8.391	-466.34	-56.23	6.53	7.60	-3.57
-29.0F	8.987	-483.27	-58.35	-11.07	8.63	-2.50
-30.0F	9.551	-498.09	-50.50	-24.26	9.43	-1.53

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-30.00	0.0	10.00
-1.0	10.086	-12.75	-1.69	-31.59	-0.85	10.05
-2.0	10.032	-25.45	12.27	-30.81	-1.68	9.89
-3.0	9.832	-38.47	27.02	-27.24	-2.50	9.51
-4.0	9.478	-52.26	42.05	-19.92	-3.34	8.87
-5.0C	8.984	-67.39	53.42	-7.81	-4.19	7.94
-6.0D	8.428	-84.45	52.64	8.30	-5.07	6.73
-7.0	7.957	-103.75	37.51	24.32	-5.95	5.29
-8.0	7.684	-124.94	15.45	35.14	-6.76	3.65
-9.0	7.646	-147.00	-8.05	37.05	-7.41	1.87
-10.0	7.836	-168.65	-28.12	29.70	-7.84	0.06
-11.0	8.195	-188.84	-40.64	16.67	-8.02	-1.68
-12.0	8.641	-207.14	-45.46	2.33	-8.00	-3.27
-13.0	9.106	-223.59	-44.62	-10.55	-7.83	-4.66
-14.0	9.540	-238.46	-39.59	-20.84	-7.55	-5.84
-15.0D	9.904	-252.10	-31.05	-28.28	-7.19	-6.81
-16.0D	10.166	-264.87	-19.79	-33.04	-6.76	-7.59
-17.0D	10.303	-277.12	-6.91	-35.46	-6.25	-8.19
-18.0D	10.305	-289.19	6.41	-35.83	-5.64	-8.62
-19.0D	10.174	-301.39	19.13	-34.22	-4.92	-8.91
-20.0	9.918	-314.05	30.87	-30.39	-4.06	-9.05
-21.0	9.544	-327.52	42.19	-23.56	-3.04	-9.05
-22.0	9.054	-342.27	53.52	-12.22	-1.84	-8.86
-23.0E	8.466	-358.94	59.72	4.81	-0.44	-8.45
-24.0F	7.893	-378.15	48.73	24.70	1.14	-7.81
-25.0	7.528	-399.80	20.90	39.21	2.82	-6.98
-26.0	7.479	-422.64	-11.14	41.20	4.50	-5.98
-27.0	7.737	-444.84	-37.88	30.24	6.03	-4.84
-28.0	8.219	-464.98	-54.50	11.99	7.35	-3.67
-29.0F	8.815	-482.59	-60.25	-6.83	8.44	-2.55
-30.0F	9.414	-497.91	-55.30	-21.83	9.29	-1.54

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-30.00	0.0	10.00
-1.0	10.087	-12.75	-1.93	-31.64	-0.85	10.05
-2.0	10.037	-25.43	11.88	-30.93	-1.68	9.90
-3.0	9.841	-38.44	26.73	-27.44	-2.50	9.52
-4.0	9.487	-52.20	42.28	-20.11	-3.33	8.88
-5.0C	8.987	-67.31	54.32	-7.81	-4.19	7.95
-6.0D	8.422	-84.39	53.34	8.57	-5.06	6.73
-7.0	7.949	-103.73	37.28	24.64	-5.94	5.28
-8.0	7.679	-124.95	14.98	35.30	-6.76	3.65
-9.0	7.645	-147.03	-8.06	37.15	-7.41	1.87
-10.0	7.832	-168.69	-27.56	29.99	-7.83	0.06
-11.0	8.183	-188.94	-39.76	17.27	-8.01	-1.69
-12.0	8.620	-207.32	-44.66	3.17	-7.97	-3.28
-13.0	9.079	-223.87	-44.32	-9.67	-7.78	-4.68
-14.0	9.514	-238.84	-40.10	-20.15	-7.49	-5.87
-15.0D	9.888	-252.55	-32.45	-27.92	-7.13	-6.85
-16.0D	10.168	-265.34	-21.88	-33.06	-6.70	-7.65
-17.0D	10.329	-277.56	-9.40	-35.88	-6.20	-8.26
-18.0D	10.358	-289.54	3.74	-36.67	-5.62	-8.70
-19.0D	10.254	-301.58	16.41	-35.57	-4.93	-8.99
-20.0	10.026	-313.99	28.05	-32.44	-4.11	-9.14
-21.0	9.682	-327.11	39.22	-26.64	-3.15	-9.15
-22.0	9.221	-341.36	51.13	-16.76	-2.02	-9.00
-23.0E	8.642	-357.36	60.89	-1.00	-0.69	-8.61
-24.0F	8.027	-375.81	55.64	19.38	0.83	-7.98
-25.0	7.575	-396.93	30.26	36.78	2.49	-7.16
-26.0	7.431	-419.75	-2.23	42.87	4.16	-6.16
-27.0	7.609	-442.44	-31.22	35.20	5.73	-5.01
-28.0	8.038	-463.38	-51.08	18.17	7.09	-3.79
-29.0	8.618	-481.80	-60.57	-1.41	8.21	-2.61
-30.0F	9.241	-497.76	-59.41	-18.27	9.11	-1.53

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-25.00	0.0	10.00
-1.0	10.095	-13.03	-3.44	-26.73	-0.90	10.05
-2.0	10.069	-25.97	8.65	-26.36	-1.77	9.91
-3.0	9.917	-39.13	21.06	-23.68	-2.63	9.56
-4.0	9.638	-52.89	33.25	-18.14	-3.49	8.98
-5.0C	9.244	-67.67	43.20	-9.08	-4.36	8.15
-6.0D	8.779	-83.93	46.14	3.37	-5.22	7.06
-7.0D	8.340	-102.00	37.74	16.93	-6.06	5.73
-8.0	8.039	-121.74	20.10	27.42	-6.85	4.21
-9.0	7.941	-142.48	-1.12	31.09	-7.52	2.55
-10.0	8.056	-163.17	-20.70	26.77	-8.01	0.83
-11.0	8.345	-182.84	-34.72	16.52	-8.30	-0.85
-12.0	8.742	-200.94	-41.77	3.94	-8.40	-2.41
-13.0	9.178	-217.36	-42.53	-8.02	-8.35	-3.81
-14.0D	9.594	-232.30	-38.17	-17.77	-8.18	-5.02
-15.0D	9.945	-246.06	-29.83	-24.81	-7.90	-6.04
-16.0D	10.195	-258.98	-18.73	-29.24	-7.53	-6.88
-17.0D	10.323	-271.42	-6.15	-31.39	-7.05	-7.54
-18.0D	10.320	-283.70	6.73	-31.53	-6.45	-8.06
-19.0D	10.188	-296.14	18.94	-29.71	-5.72	-8.43
-20.0	9.937	-309.04	29.81	-25.76	-4.84	-8.68
-21.0	9.583	-322.74	39.26	-19.15	-3.80	-8.80
-22.0	9.139	-337.63	47.29	-9.00	-2.58	-8.77
-23.0E	8.629	-354.19	51.10	5.30	-1.16	-8.55
-24.0F	8.133	-372.87	43.30	21.86	0.43	-8.12
-25.0	7.795	-393.60	20.84	34.58	2.13	-7.50
-26.0	7.730	-415.42	-8.34	36.93	3.83	-6.71
-27.0	7.954	-436.76	-34.10	27.73	5.44	-5.80
-28.0	8.394	-456.36	-50.23	11.72	6.86	-4.83
-29.0F	8.942	-473.72	-54.96	-4.86	8.06	-3.88
-30.0E	9.484	-489.05	-49.51	-18.01	9.01	-2.97

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-25.00	0.0	10.00
-1.0	10.096	-13.03	-3.68	-26.78	-0.90	10.06
-2.0	10.073	-25.96	8.26	-26.49	-1.77	9.92
-3.0	9.925	-39.10	20.73	-23.89	-2.63	9.57
-4.0	9.648	-52.83	33.35	-18.36	-3.49	9.00
-5.0C	9.249	-67.59	44.02	-9.15	-4.35	8.16
-6.0D	8.774	-83.85	47.22	3.62	-5.21	7.06
-7.0D	8.327	-101.96	38.03	17.40	-6.05	5.72
-8.0	8.028	-121.77	19.42	27.79	-6.84	4.20
-9.0	7.939	-142.54	-2.07	31.11	-7.52	2.54
-10.0	8.063	-163.21	-21.40	26.48	-8.02	0.83
-11.0	8.358	-182.83	-35.10	16.07	-8.31	-0.85
-12.0	8.758	-200.86	-42.11	3.42	-8.42	-2.40
-13.0	9.199	-217.22	-43.15	-8.64	-8.38	-3.80
-14.0D	9.623	-232.07	-39.13	-18.55	-8.22	-5.00
-15.0D	9.985	-245.72	-30.94	-25.74	-7.97	-6.02
-16.0D	10.246	-258.52	-19.74	-30.29	-7.62	-6.85
-17.0D	10.383	-270.81	-6.88	-32.53	-7.17	-7.51
-18.0D	10.385	-282.93	6.32	-32.76	-6.60	-8.02
-19.0D	10.256	-295.18	18.73	-31.08	-5.90	-8.39
-20.0	10.008	-307.89	29.60	-27.36	-5.05	-8.64
-21.0	9.656	-321.36	39.00	-21.10	-4.04	-8.77
-22.0	9.212	-336.00	47.53	-11.36	-2.85	-8.76
-23.0E	8.693	-352.27	53.15	2.88	-1.46	-8.57
-24.0F	8.164	-370.69	47.51	20.28	0.12	-8.16
-25.0	7.780	-391.34	25.19	34.65	1.83	-7.56
-26.0	7.677	-413.32	-5.49	38.51	3.56	-6.80
-27.0	7.882	-434.97	-33.30	29.86	5.21	-5.91
-28.0	8.325	-454.87	-51.47	13.34	6.68	-4.97
-29.0F	8.894	-472.43	-57.68	-4.28	7.93	-4.03
-30.0E	9.466	-487.83	-52.59	-18.34	8.92	-3.16

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-25.00	0.0	10.00
-1.0	10.097	-13.03	-3.91	-26.82	-0.90	10.06
-2.0	10.078	-25.95	7.86	-26.61	-1.77	9.92
-3.0	9.934	-39.07	20.37	-24.09	-2.63	9.58
-4.0	9.659	-52.77	33.41	-18.59	-3.48	9.01
-5.0C	9.256	-67.50	44.80	-9.25	-4.34	8.18
-6.0D	8.770	-83.76	48.29	3.83	-5.19	7.07
-7.0D	8.315	-101.92	38.32	17.84	-6.04	5.72
-8.0	8.019	-121.78	18.80	28.12	-6.84	4.19
-9.0	7.938	-142.57	-2.93	31.12	-7.52	2.53
-10.0	8.069	-163.23	-22.03	26.21	-8.03	0.83
-11.0	8.369	-182.80	-35.46	15.67	-8.33	-0.84
-12.0	8.773	-200.78	-42.50	2.94	-8.44	-2.40
-13.0	9.219	-217.06	-43.84	-9.25	-8.41	-3.78
-14.0D	9.652	-231.83	-40.16	-19.33	-8.27	-4.98
-15.0D	10.025	-245.37	-32.06	-26.67	-8.04	-5.99
-16.0D	10.297	-258.04	-20.66	-31.31	-7.72	-6.82
-17.0D	10.441	-270.19	-7.40	-33.61	-7.29	-7.47
-18.0D	10.447	-282.15	6.23	-33.87	-6.75	-7.98
-19.0D	10.317	-294.25	18.91	-32.24	-6.07	-8.34
-20.0D	10.066	-306.79	29.78	-28.65	-5.25	-8.59
-21.0	9.714	-320.09	38.98	-22.65	-4.26	-8.73
-22.0	9.271	-334.52	47.65	-13.23	-3.10	-8.74
-23.0E	8.744	-350.55	54.64	0.89	-1.73	-8.57
-24.0F	8.189	-368.77	50.96	18.96	-0.15	-8.19
-25.0F	7.767	-389.36	28.78	34.68	1.56	-7.61
-26.0	7.634	-411.47	-3.25	39.77	3.32	-6.87
-27.0	7.824	-433.36	-32.75	31.55	5.01	-6.01
-28.0	8.271	-453.50	-52.62	14.57	6.52	-5.09
-29.0F	8.858	-471.21	-60.09	-3.96	7.81	-4.19
-30.0E	9.457	-486.64	-55.20	-18.79	8.85	-3.34

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-25.00	0.0	10.00
-1.0	10.099	-13.03	-4.15	-26.87	-0.90	10.06
-2.0	10.082	-25.93	7.45	-26.74	-1.77	9.93
-3.0	9.943	-39.04	20.00	-24.31	-2.62	9.59
-4.0	9.670	-52.71	33.42	-18.84	-3.48	9.02
-5.0C	9.263	-67.40	45.54	-9.38	-4.33	8.19
-6.0D	8.767	-83.67	49.36	3.99	-5.18	7.07
-7.0D	8.305	-101.85	38.63	18.23	-6.02	5.72
-8.0	8.010	-121.77	18.24	28.42	-6.83	4.19
-9.0	7.937	-142.59	-3.71	31.13	-7.52	2.53
-10.0	8.075	-163.23	-22.59	25.97	-8.03	0.83
-11.0	8.379	-182.76	-35.80	15.30	-8.34	-0.84
-12.0	8.786	-200.69	-42.91	2.48	-8.46	-2.39
-13.0	9.238	-216.91	-44.60	-9.85	-8.44	-3.77
-14.0D	9.682	-231.58	-41.25	-20.11	-8.31	-4.96
-15.0D	10.066	-245.02	-33.19	-27.59	-8.11	-5.97
-16.0D	10.348	-257.56	-21.47	-32.31	-7.81	-6.79
-17.0D	10.498	-269.57	-7.70	-34.60	-7.41	-7.44
-18.0D	10.504	-281.40	6.45	-34.84	-6.89	-7.93
-19.0D	10.370	-293.36	19.47	-33.21	-6.23	-8.29
-20.0D	10.113	-305.76	30.33	-29.66	-5.43	-8.53
-21.0	9.757	-318.93	39.22	-23.79	-4.46	-8.68
-22.0	9.312	-333.20	47.81	-14.60	-3.31	-8.70
-23.0	8.780	-349.07	55.76	-0.55	-1.96	-8.56
-24.0F	8.205	-367.15	53.67	18.05	-0.39	-8.20
-25.0F	7.754	-387.71	31.44	34.82	1.34	-7.64
-26.0	7.600	-409.92	-1.86	40.75	3.12	-6.93
-27.0	7.783	-432.01	-32.72	32.71	4.84	-6.10
-28.0	8.236	-452.31	-53.88	15.23	6.38	-5.20
-29.0F	8.841	-470.09	-62.27	-4.08	7.71	-4.33
-30.0E	9.463	-485.50	-57.28	-19.47	8.79	-3.52

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-20.00	0.0	10.00
-1.0	10.107	-13.31	-5.70	-21.98	-0.95	10.06
-2.0	10.115	-26.46	4.22	-22.20	-1.87	9.94
-3.0	10.019	-39.73	14.54	-20.54	-2.76	9.63
-4.0	9.817	-53.40	24.90	-16.67	-3.64	9.12
-5.0	9.513	-67.81	34.23	-10.09	-4.50	8.38
-6.0C	9.130	-83.33	39.63	-0.66	-5.35	7.40
-7.0D	8.731	-100.27	36.79	10.50	-6.16	6.18
-8.0	8.411	-118.69	24.41	20.44	-6.92	4.77
-9.0	8.251	-138.19	6.33	25.70	-7.59	3.22
-10.0	8.283	-157.97	-12.22	24.39	-8.13	1.60
-11.0	8.489	-177.17	-27.19	17.25	-8.49	-0.02
-12.0	8.819	-195.17	-36.50	6.84	-8.68	-1.57
-13.0	9.214	-211.72	-39.79	-4.06	-8.72	-2.98
-14.0D	9.615	-226.87	-37.67	-13.54	-8.63	-4.23
-15.0D	9.970	-240.84	-31.12	-20.74	-8.44	-5.31
-16.0D	10.241	-253.94	-21.40	-25.52	-8.14	-6.22
-17.0D	10.401	-266.49	-9.85	-28.11	-7.73	-6.96
-18.0D	10.440	-278.79	2.30	-28.78	-7.20	-7.56
-19.0D	10.356	-291.14	13.97	-27.68	-6.54	-8.03
-20.0D	10.159	-303.82	24.27	-24.77	-5.74	-8.38
-21.0	9.866	-317.12	32.73	-19.86	-4.78	-8.63
-22.0	9.495	-331.34	39.51	-12.47	-3.66	-8.76
-23.0	9.064	-346.81	44.44	-2.00	-2.37	-8.75
-24.0E	8.603	-363.93	44.39	11.51	-0.89	-8.56
-25.0F	8.194	-382.92	33.26	25.34	0.74	-8.16
-26.0F	7.964	-403.47	10.39	33.76	2.43	-7.58
-27.0	7.995	-424.54	-16.24	32.22	4.11	-6.86
-28.0F	8.278	-444.76	-37.82	21.44	5.67	-6.03
-29.0F	8.734	-463.21	-49.44	6.45	7.05	-5.16
-30.0F	9.252	-479.66	-50.30	-7.61	8.20	-4.29

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-20.00	0.0	10.00
-1.0	10.108	-13.31	-5.94	-22.03	-0.95	10.06
-2.0	10.119	-26.45	3.81	-22.33	-1.87	9.95
-3.0	10.028	-39.70	14.12	-20.76	-2.76	9.64
-4.0	9.829	-53.33	24.78	-16.94	-3.63	9.13
-5.0	9.523	-67.70	34.77	-10.30	-4.49	8.40
-6.0C	9.131	-83.21	40.81	-0.60	-5.33	7.41
-7.0D	8.720	-100.18	37.81	10.93	-6.15	6.19
-8.0	8.394	-118.67	24.39	21.03	-6.91	4.77
-9.0	8.240	-138.23	5.31	26.04	-7.59	3.21
-10.0	8.285	-158.03	-13.70	24.22	-8.13	1.59
-11.0	8.506	-177.18	-28.75	16.53	-8.51	-0.03
-12.0	8.853	-195.07	-38.04	5.68	-8.71	-1.56
-13.0	9.264	-211.45	-41.31	-5.54	-8.78	-2.96
-14.0D	9.679	-226.40	-38.99	-15.20	-8.73	-4.19
-15.0D	10.045	-240.15	-31.96	-22.41	-8.57	-5.25
-16.0D	10.321	-253.03	-21.51	-27.09	-8.30	-6.13
-17.0D	10.479	-265.37	-9.16	-29.52	-7.92	-6.86
-18.0D	10.507	-277.49	3.70	-29.99	-7.42	-7.44
-19.0D	10.406	-289.68	15.83	-28.66	-6.77	-7.90
-20.0D	10.189	-302.25	26.18	-25.55	-5.98	-8.25
-21.0	9.878	-315.48	34.31	-20.44	-5.03	-8.50
-22.0	9.493	-329.66	40.76	-12.86	-3.92	-8.65
-23.0	9.048	-345.14	45.91	-2.03	-2.62	-8.66
-24.0E	8.569	-362.32	46.34	12.16	-1.12	-8.50
-25.0F	8.143	-381.48	34.49	26.79	0.53	-8.13
-26.0F	7.910	-402.28	9.55	35.38	2.26	-7.58
-27.0	7.960	-423.56	-18.97	32.98	3.98	-6.90
-28.0F	8.277	-443.83	-41.44	20.84	5.57	-6.12
-29.0F	8.769	-462.15	-52.84	4.73	6.98	-5.31
-30.0E	9.317	-478.38	-52.42	-9.77	8.15	-4.51

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-20.00	0.0	10.00
-1.0	10.109	-13.31	-6.18	-22.07	-0.95	10.06
-2.0	10.124	-26.44	3.39	-22.46	-1.87	9.95
-3.0	10.037	-39.66	13.68	-20.99	-2.76	9.65
-4.0	9.842	-53.26	24.62	-17.23	-3.63	9.15
-5.0	9.534	-67.60	35.25	-10.54	-4.48	8.41
-6.0C	9.134	-83.08	41.97	-0.59	-5.32	7.42
-7.0D	8.710	-100.08	38.85	11.31	-6.13	6.19
-8.0	8.379	-118.63	24.40	21.56	-6.89	4.76
-9.0	8.230	-138.25	4.38	26.36	-7.58	3.21
-10.0	8.287	-158.07	-15.07	24.06	-8.13	1.59
-11.0	8.523	-177.17	-30.25	15.85	-8.52	-0.02
-12.0	8.886	-194.94	-39.59	4.56	-8.75	-1.55
-13.0	9.312	-211.16	-42.88	-6.98	-8.84	-2.93
-14.0D	9.743	-225.92	-40.32	-16.80	-8.82	-4.14
-15.0D	10.120	-239.46	-32.67	-24.00	-8.69	-5.18
-16.0D	10.398	-252.13	-21.35	-28.54	-8.46	-6.05
-17.0D	10.550	-264.28	-8.08	-30.74	-8.10	-6.75
-18.0D	10.562	-276.24	5.55	-30.94	-7.62	-7.32
-19.0D	10.440	-288.32	18.11	-29.32	-6.98	-7.76
-20.0D	10.200	-300.83	28.41	-25.91	-6.19	-8.10
-21.0	9.868	-314.04	36.04	-20.51	-5.24	-8.36
-22.0	9.468	-328.26	42.00	-12.63	-4.12	-8.53
-23.0	9.011	-343.82	47.17	-1.36	-2.80	-8.56
-24.0E	8.518	-361.16	47.66	13.52	-1.29	-8.42
-25.0F	8.084	-380.56	34.40	28.68	0.39	-8.07
-26.0F	7.864	-401.62	7.13	36.82	2.16	-7.56
-27.0	7.947	-423.03	-22.86	32.99	3.91	-6.92
-28.0F	8.306	-443.22	-45.54	19.27	5.53	-6.20
-29.0F	8.836	-461.30	-55.91	2.26	6.95	-5.45
-30.0E	9.406	-477.21	-53.51	-12.28	8.14	-4.72

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-20.00	0.0	10.00
-1.0	10.110	-13.31	-6.42	-22.12	-0.95	10.07
-2.0	10.129	-26.43	2.96	-22.59	-1.86	9.96
-3.0	10.047	-39.63	13.22	-21.22	-2.75	9.66
-4.0	9.855	-53.20	24.41	-17.53	-3.62	9.17
-5.0	9.547	-67.49	35.66	-10.81	-4.47	8.43
-6.0C	9.138	-82.94	43.10	-0.62	-5.30	7.44
-7.0D	8.702	-99.95	39.90	11.62	-6.11	6.20
-8.0	8.365	-118.56	24.47	22.04	-6.87	4.77
-9.0	8.220	-138.24	3.54	26.64	-7.57	3.21
-10.0	8.289	-158.07	-16.33	23.91	-8.14	1.59
-11.0	8.539	-177.12	-31.67	15.21	-8.54	-0.02
-12.0	8.916	-194.79	-41.15	3.49	-8.78	-1.53
-13.0D	9.359	-210.86	-44.48	-8.37	-8.90	-2.90
-14.0D	9.805	-225.43	-41.62	-18.33	-8.91	-4.09
-15.0D	10.192	-238.78	-33.22	-25.49	-8.82	-5.11
-16.0C	10.471	-251.25	-20.91	-29.83	-8.61	-5.96
-17.0C	10.613	-263.23	-6.66	-31.76	-8.28	-6.64
-18.0D	10.607	-275.06	7.76	-31.64	-7.80	-7.19
-19.0D	10.459	-287.07	20.72	-29.68	-7.16	-7.62
-20.0D	10.193	-299.56	30.83	-25.90	-6.37	-7.96
-21.0	9.839	-312.81	37.79	-20.16	-5.40	-8.22
-22.0	9.425	-327.12	43.16	-11.89	-4.27	-8.40
-23.0	8.957	-342.84	48.27	-0.09	-2.93	-8.46
-24.0E	8.454	-360.40	48.39	15.50	-1.39	-8.34
-25.0F	8.021	-380.10	33.05	30.87	0.33	-8.01
-26.0F	7.828	-401.42	3.34	37.97	2.12	-7.53
-27.0	7.957	-422.88	-27.68	32.23	3.89	-6.94
-28.0F	8.364	-442.88	-49.88	16.86	5.53	-6.28
-29.0F	8.930	-460.61	-58.42	-0.77	6.96	-5.60
-30.0E	9.512	-476.15	-53.45	-14.92	8.14	-4.92

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-15.00	0.0	10.00
-1.0	10.118	-13.59	-8.01	-17.24	-1.00	10.07
-2.0	10.161	-26.96	-0.27	-18.08	-1.96	9.97
-3.0	10.122	-40.31	7.98	-17.45	-2.89	9.70
-4.0	9.997	-53.89	16.49	-15.15	-3.78	9.25
-5.0	9.786	-67.94	24.76	-10.87	-4.65	8.61
-6.0C	9.496	-82.74	31.39	-4.36	-5.48	7.75
-7.0C	9.159	-98.59	33.52	4.12	-6.27	6.67
-8.0D	8.837	-115.66	28.14	13.07	-7.00	5.39
-9.0D	8.609	-133.83	15.39	19.83	-7.65	3.96
-10.0	8.534	-152.64	-0.99	21.94	-8.18	2.42
-11.0	8.627	-171.38	-16.64	18.67	-8.58	0.85
-12.0	8.861	-189.40	-28.48	11.23	-8.83	-0.69
-13.0	9.191	-206.28	-35.08	1.90	-8.94	-2.14
-14.0D	9.560	-221.89	-36.27	-7.21	-8.92	-3.45
-15.0D	9.917	-236.33	-32.68	-14.77	-8.78	-4.61
-16.0D	10.216	-249.83	-25.37	-20.26	-8.54	-5.60
-17.0D	10.427	-262.65	-15.65	-23.69	-8.20	-6.44
-18.0D	10.532	-275.08	-4.75	-25.29	-7.74	-7.14
-19.0D	10.524	-287.40	6.25	-25.23	-7.16	-7.71
-20.0D	10.407	-299.86	16.37	-23.61	-6.46	-8.16
-21.0D	10.195	-312.72	24.80	-20.43	-5.61	-8.51
-22.0	9.907	-326.21	31.18	-15.55	-4.62	-8.76
-23.0	9.563	-340.58	35.77	-8.70	-3.48	-8.91
-24.0	9.181	-356.10	38.62	0.43	-2.18	-8.92
-25.0E	8.786	-373.00	37.72	11.65	-0.73	-8.76
-26.0E	8.438	-391.45	28.70	22.93	0.85	-8.39
-27.0F	8.232	-411.18	10.15	30.06	2.49	-7.85
-28.0F	8.245	-431.38	-12.60	29.34	4.11	-7.15
-29.0F	8.478	-450.95	-32.03	20.93	5.62	-6.35
-30.0F	8.871	-469.10	-43.23	8.53	6.97	-5.49

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-15.00	0.0	10.00
-1.0	10.120	-13.59	-8.25	-17.29	-1.00	10.07
-2.0	10.166	-26.94	-0.70	-18.22	-1.96	9.98
-3.0	10.132	-40.28	7.48	-17.68	-2.89	9.71
-4.0	10.011	-53.82	16.15	-15.47	-3.78	9.27
-5.0	9.801	-67.82	24.90	-11.22	-4.64	8.63
-6.0C	9.506	-82.59	32.28	-4.56	-5.47	7.78
-7.0C	9.157	-98.42	34.96	4.28	-6.25	6.69
-8.0D	8.821	-115.53	29.24	13.63	-6.97	5.40
-9.0D	8.587	-133.79	15.36	20.54	-7.62	3.95
-10.0	8.519	-152.68	-2.17	22.39	-8.17	2.41
-11.0	8.628	-171.46	-18.56	18.51	-8.59	0.84
-12.0	8.884	-189.42	-30.74	10.38	-8.86	-0.70
-13.0D	9.237	-206.16	-37.36	0.46	-8.99	-2.13
-14.0D	9.629	-221.56	-38.24	-9.01	-9.00	-3.42
-15.0D	10.002	-235.75	-33.95	-16.68	-8.90	-4.56
-16.0D	10.309	-248.99	-25.65	-22.07	-8.70	-5.53
-17.0C	10.518	-261.57	-14.86	-25.28	-8.39	-6.34
-18.0C	10.609	-273.80	-2.97	-26.57	-7.96	-7.02
-19.0D	10.579	-285.95	8.76	-26.17	-7.40	-7.56
-20.0D	10.435	-298.30	19.21	-24.17	-6.69	-8.00
-21.0D	10.194	-311.12	27.44	-20.59	-5.85	-8.35
-22.0	9.882	-324.64	33.21	-15.32	-4.85	-8.61
-23.0	9.521	-339.10	37.20	-8.07	-3.70	-8.77
-24.0	9.125	-354.75	39.87	1.59	-2.38	-8.81
-25.0E	8.718	-371.88	38.78	13.48	-0.89	-8.67
-26.0E	8.364	-390.62	28.44	25.23	0.72	-8.33
-27.0F	8.173	-410.67	7.56	31.94	2.40	-7.81
-28.0F	8.222	-431.05	-16.98	29.78	4.06	-7.15
-29.0F	8.503	-450.59	-36.74	19.66	5.60	-6.40
-30.0F	8.940	-468.51	-46.86	6.13	6.97	-5.60

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-15.00	0.0	10.00
-1.0	10.121	-13.59	-8.49	-17.34	-1.00	10.07
-2.0	10.171	-26.93	-1.14	-18.35	-1.96	9.98
-3.0	10.142	-40.24	6.96	-17.93	-2.88	9.72
-4.0	10.026	-53.75	15.76	-15.82	-3.77	9.29
-5.0	9.818	-67.70	24.96	-11.59	-4.63	8.66
-6.0C	9.519	-82.42	33.10	-4.81	-5.45	7.80
-7.0C	9.157	-98.24	36.38	4.35	-6.23	6.71
-8.0D	8.807	-115.38	30.37	14.12	-6.95	5.41
-9.0D	8.567	-133.71	15.39	21.20	-7.60	3.95
-10.0	8.505	-152.68	-3.24	22.80	-8.16	2.40
-11.0	8.628	-171.48	-20.34	18.36	-8.59	0.83
-12.0	8.905	-189.39	-32.89	9.58	-8.88	-0.69
-13.0D	9.281	-206.00	-39.58	-0.90	-9.04	-2.11
-14.0D	9.693	-221.21	-40.13	-10.70	-9.08	-3.39
-15.0D	10.082	-235.17	-35.04	-18.43	-9.02	-4.50
-16.0D	10.395	-248.18	-25.66	-23.67	-8.85	-5.45
-17.0C	10.598	-260.55	-13.73	-26.60	-8.57	-6.24
-18.0C	10.673	-272.60	-0.85	-27.55	-8.15	-6.89
-19.0D	10.617	-284.63	11.59	-26.76	-7.59	-7.42
-20.0D	10.442	-296.93	22.25	-24.34	-6.89	-7.85
-21.0D	10.172	-309.76	30.09	-20.32	-6.03	-8.19
-22.0	9.837	-323.36	35.03	-14.62	-5.02	-8.46
-23.0	9.461	-337.97	38.32	-6.92	-3.84	-8.64
-24.0	9.055	-353.84	40.75	3.28	-2.50	-8.70
-25.0E	8.640	-371.24	39.15	15.79	-0.98	-8.58
-26.0F	8.291	-390.32	26.96	27.69	0.67	-8.26
-27.0F	8.128	-410.65	3.64	33.41	2.39	-7.77
-28.0F	8.225	-431.13	-22.17	29.38	4.07	-7.15
-29.0F	8.559	-450.51	-41.48	17.52	5.63	-6.45
-30.0F	9.035	-468.10	-49.71	3.23	7.00	-5.71

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-15.00	0.0	10.00
-1.0	10.122	-13.58	-8.73	-17.39	-1.00	10.07
-2.0	10.176	-26.92	-1.59	-18.49	-1.96	9.99
-3.0	10.152	-40.21	6.41	-18.17	-2.88	9.73
-4.0	10.041	-53.67	15.31	-16.17	-3.77	9.31
-5.0	9.836	-67.57	24.93	-12.00	-4.62	8.68
-6.0C	9.534	-82.24	33.83	-5.14	-5.44	7.83
-7.0C	9.161	-98.03	37.79	4.34	-6.21	6.74
-8.0D	8.796	-115.19	31.57	14.51	-6.92	5.43
-9.0D	8.549	-133.59	15.53	21.78	-7.58	3.96
-10.0	8.491	-152.64	-4.16	23.18	-8.14	2.41
-11.0	8.627	-171.46	-21.97	18.24	-8.59	0.83
-12.0	8.923	-189.33	-34.92	8.84	-8.90	-0.69
-13.0D	9.321	-205.81	-41.72	-2.16	-9.08	-2.09
-14.0D	9.754	-220.84	-41.91	-12.26	-9.16	-3.35
-15.0D	10.157	-234.60	-35.95	-20.01	-9.13	-4.44
-16.0C	10.474	-247.40	-25.41	-25.06	-8.99	-5.37
-17.0C	10.668	-259.58	-12.32	-27.69	-8.73	-6.13
-18.0C	10.723	-271.49	1.52	-28.28	-8.32	-6.76
-19.0C	10.639	-283.44	14.59	-27.07	-7.76	-7.27
-20.0D	10.433	-295.72	25.34	-24.19	-7.05	-7.69
-21.0D	10.133	-308.61	32.57	-19.71	-6.17	-8.04
-22.0	9.778	-322.35	36.54	-13.56	-5.14	-8.32
-23.0	9.390	-337.15	39.15	-5.41	-3.94	-8.52
-24.0	8.978	-353.26	41.33	5.34	-2.56	-8.60
-25.0E	8.560	-370.99	38.95	18.38	-1.01	-8.50
-26.0F	8.224	-390.42	24.45	30.11	0.68	-8.20
-27.0F	8.099	-410.99	-1.23	34.39	2.42	-7.73
-28.0F	8.251	-431.47	-27.72	28.24	4.12	-7.15
-29.0F	8.637	-450.60	-45.86	14.82	5.69	-6.50
-30.0E	9.146	-467.79	-51.57	0.16	7.06	-5.82

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-10.00	0.0	10.00
-1.0	10.131	-13.87	-10.37	-12.52	-1.05	10.08
-2.0	10.209	-27.44	-4.81	-14.01	-2.06	10.00
-3.0	10.227	-40.89	1.40	-14.39	-3.02	9.77
-4.0	10.179	-54.36	8.07	-13.57	-3.93	9.39
-5.0	10.061	-68.06	14.96	-11.37	-4.80	8.84
-6.0	9.874	-82.20	21.57	-7.57	-5.63	8.11
-7.0C	9.625	-96.99	26.67	-2.04	-6.39	7.20
-8.0C	9.341	-112.65	28.06	4.89	-7.09	6.08
-9.0D	9.071	-129.29	23.49	12.00	-7.70	4.79
-10.0D	8.881	-146.81	12.87	17.27	-8.22	3.37
-11.0D	8.820	-164.83	-1.07	18.82	-8.62	1.86
-12.0	8.902	-182.78	-14.73	16.05	-8.90	0.33
-13.0	9.110	-200.13	-25.34	9.85	-9.04	-1.16
-14.0D	9.405	-216.52	-31.48	2.00	-9.05	-2.56
-15.0D	9.738	-231.82	-32.84	-5.79	-8.95	-3.83
-16.0D	10.062	-246.10	-29.88	-12.37	-8.75	-4.96
-17.0D	10.338	-259.53	-23.58	-17.24	-8.46	-5.94
-18.0D	10.537	-272.35	-15.07	-20.38	-8.08	-6.77
-19.0D	10.642	-284.81	-5.46	-21.92	-7.59	-7.46
-20.0D	10.648	-297.13	4.30	-22.02	-7.00	-8.03
-21.0D	10.557	-309.55	13.32	-20.79	-6.29	-8.48
-22.0D	10.381	-322.28	20.83	-18.26	-5.46	-8.83
-23.0	10.137	-335.53	26.37	-14.42	-4.51	-9.08
-24.0	9.848	-349.49	30.00	-9.21	-3.43	-9.23
-25.0	9.529	-364.33	32.15	-2.48	-2.21	-9.27
-26.0	9.196	-380.23	32.56	5.79	-0.87	-9.15
-27.0E	8.876	-397.33	29.17	14.98	0.58	-8.86
-28.0E	8.622	-415.61	19.21	23.03	2.10	-8.36
-29.0F	8.505	-434.71	2.87	26.88	3.64	-7.69
-30.0F	8.570	-453.93	-15.37	24.55	5.11	-6.88

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-10.00	0.0	10.00
-1.0	10.132	-13.87	-10.61	-12.57	-1.05	10.08
-2.0	10.214	-27.43	-5.27	-14.14	-2.06	10.00
-3.0	10.237	-40.85	0.82	-14.64	-3.01	9.78
-4.0	10.195	-54.29	7.51	-13.95	-3.93	9.41
-5.0	10.082	-67.93	14.65	-11.84	-4.79	8.87
-6.0	9.895	-82.00	21.81	-8.05	-5.61	8.15
-7.0C	9.640	-96.73	27.73	-2.36	-6.37	7.24
-8.0C	9.341	-112.37	29.77	4.96	-7.06	6.12
-9.0D	9.054	-129.05	25.05	12.57	-7.67	4.82
-10.0D	8.853	-146.67	13.40	18.15	-8.18	3.38
-11.0D	8.793	-164.80	-1.87	19.59	-8.59	1.86
-12.0	8.889	-182.83	-16.62	16.30	-8.88	0.32
-13.0	9.121	-200.18	-27.88	9.38	-9.05	-1.17
-14.0D	9.442	-216.47	-34.19	0.84	-9.09	-2.56
-15.0D	9.802	-231.59	-35.21	-7.42	-9.03	-3.82
-16.0D	10.146	-245.64	-31.47	-14.18	-8.87	-4.93
-17.0D	10.433	-258.82	-24.09	-19.01	-8.61	-5.89
-18.0C	10.631	-271.40	-14.43	-21.95	-8.26	-6.69
-19.0C	10.724	-283.64	-3.75	-23.20	-7.80	-7.36
-20.0D	10.708	-295.79	6.84	-22.95	-7.22	-7.90
-21.0D	10.588	-308.09	16.31	-21.31	-6.52	-8.34
-22.0D	10.382	-320.79	23.74	-18.36	-5.69	-8.68
-23.0	10.112	-334.07	28.68	-14.11	-4.73	-8.94
-24.0	9.802	-348.12	31.52	-8.50	-3.63	-9.11
-25.0	9.471	-363.10	33.14	-1.37	-2.40	-9.16
-26.0	9.129	-379.21	33.34	7.38	-1.03	-9.07
-27.0E	8.802	-396.56	29.50	17.06	0.46	-8.79
-28.0E	8.552	-415.14	18.14	25.23	2.02	-8.31
-29.0F	8.456	-434.52	-0.12	28.41	3.59	-7.66
-30.0F	8.558	-453.87	-19.59	24.73	5.10	-6.87

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-10.00	0.0	10.00
-1.0	10.133	-13.86	-10.85	-12.62	-1.05	10.08
-2.0	10.219	-27.42	-5.73	-14.28	-2.05	10.01
-3.0	10.247	-40.81	0.21	-14.90	-3.01	9.80
-4.0	10.212	-54.21	6.89	-14.33	-3.92	9.43
-5.0	10.104	-67.80	14.24	-12.35	-4.78	8.90
-6.0	9.919	-81.79	21.92	-8.60	-5.59	8.19
-7.0C	9.659	-96.46	28.66	-2.78	-6.35	7.28
-8.0C	9.346	-112.05	31.45	4.89	-7.03	6.16
-9.0D	9.042	-128.75	26.71	12.99	-7.63	4.85
-10.0D	8.828	-146.45	14.08	18.92	-8.15	3.40
-11.0	8.767	-164.70	-2.48	20.31	-8.57	1.87
-12.0	8.876	-182.80	-18.29	16.56	-8.87	0.33
-13.0D	9.128	-200.15	-30.22	8.97	-9.05	-1.16
-14.0D	9.475	-216.36	-36.74	-0.21	-9.13	-2.55
-15.0D	9.859	-231.33	-37.44	-8.88	-9.10	-3.80
-16.0D	10.223	-245.17	-32.86	-15.79	-8.98	-4.89
-17.0C	10.518	-258.13	-24.35	-20.53	-8.76	-5.83
-18.0C	10.713	-270.50	-13.52	-23.23	-8.43	-6.61
-19.0C	10.791	-282.56	-1.80	-24.17	-7.99	-7.26
-20.0C	10.751	-294.58	9.57	-23.54	-7.42	-7.78
-21.0D	10.601	-306.82	19.38	-21.49	-6.71	-8.20
-22.0D	10.364	-319.52	26.55	-18.08	-5.87	-8.54
-23.0	10.068	-332.88	30.70	-13.41	-4.89	-8.80
-24.0	9.743	-347.07	32.64	-7.42	-3.77	-8.98
-25.0	9.404	-362.26	33.72	0.10	-2.51	-9.06
-26.0	9.057	-378.60	33.69	9.28	-1.12	-8.99
-27.0E	8.730	-396.24	29.17	19.31	0.40	-8.72
-28.0E	8.490	-415.12	16.13	27.31	2.00	-8.25
-29.0F	8.424	-434.71	-3.93	29.44	3.60	-7.62
-30.0F	8.571	-454.11	-24.13	24.20	5.13	-6.86

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-10.00	0.0	10.00
-1.0	10.134	-13.86	-11.09	-12.67	-1.05	10.08
-2.0	10.223	-27.41	-6.19	-14.42	-2.05	10.02
-3.0	10.258	-40.78	-0.42	-15.16	-3.01	9.81
-4.0	10.229	-54.13	6.22	-14.74	-3.91	9.45
-5.0	10.128	-67.66	13.72	-12.88	-4.77	8.93
-6.0	9.946	-81.58	21.88	-9.21	-5.58	8.23
-7.0C	9.682	-96.16	29.44	-3.32	-6.32	7.33
-8.0C	9.357	-111.70	33.10	4.67	-7.00	6.21
-9.0D	9.034	-128.40	28.48	13.27	-7.59	4.89
-10.0D	8.805	-146.17	14.97	19.60	-8.11	3.43
-11.0	8.742	-164.51	-2.84	21.01	-8.53	1.89
-12.0	8.860	-182.69	-19.71	16.87	-8.85	0.34
-13.0D	9.131	-200.06	-32.35	8.66	-9.06	-1.15
-14.0D	9.502	-216.20	-39.15	-1.11	-9.16	-2.53
-15.0D	9.909	-231.03	-39.54	-10.18	-9.16	-3.77
-16.0D	10.291	-244.69	-34.11	-17.19	-9.08	-4.85
-17.0C	10.593	-257.46	-24.46	-21.82	-8.89	-5.77
-18.0C	10.783	-269.65	-12.47	-24.29	-8.58	-6.53
-19.0C	10.845	-281.57	0.26	-24.90	-8.15	-7.15
-20.0C	10.780	-293.50	12.35	-23.90	-7.58	-7.66
-21.0D	10.600	-305.71	22.41	-21.41	-6.87	-8.07
-22.0D	10.333	-318.46	29.16	-17.56	-6.01	-8.40
-23.0	10.015	-331.93	32.36	-12.48	-5.01	-8.67
-24.0	9.678	-346.29	33.38	-6.13	-3.87	-8.87
-25.0	9.334	-361.68	34.00	1.73	-2.59	-8.97
-26.0	8.985	-378.27	33.77	11.32	-1.16	-8.91
-27.0E	8.661	-396.21	28.39	21.58	0.40	-8.65
-28.0F	8.438	-415.37	13.51	29.16	2.02	-8.19
-29.0F	8.408	-435.13	-8.15	29.99	3.65	-7.57
-30.0F	8.600	-454.49	-28.61	23.17	5.20	-6.85

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-5.00	0.0	10.00
-1.0	10.143	-14.15	-12.77	-7.81	-1.10	10.08
-2.0	10.257	-27.93	-9.42	-9.97	-2.15	10.03
-3.0	10.333	-41.45	-5.20	-11.37	-3.14	9.84
-4.0	10.361	-54.83	-0.32	-11.93	-4.08	9.52
-5.0	10.337	-68.19	5.06	-11.56	-4.95	9.07
-6.0	10.257	-81.70	10.76	-10.13	-5.77	8.48
-7.0	10.117	-95.50	16.47	-7.48	-6.52	7.74
-8.0	9.922	-109.78	21.51	-3.46	-7.20	6.83
-9.0C	9.684	-124.72	24.50	1.85	-7.79	5.76
-10.0C	9.435	-140.46	23.50	7.87	-8.28	4.52
-11.0D	9.222	-157.01	17.26	13.31	-8.67	3.16
-12.0D	9.097	-174.18	6.60	16.53	-8.94	1.70
-13.0D	9.093	-191.58	-5.85	16.36	-9.09	0.20
-14.0D	9.213	-208.75	-17.24	12.78	-9.12	-1.28
-15.0D	9.435	-225.26	-25.55	6.81	-9.04	-2.70
-16.0D	9.721	-240.88	-29.81	-0.08	-8.86	-4.00
-17.0D	10.030	-255.55	-29.96	-6.60	-8.59	-5.18
-18.0D	10.322	-269.34	-26.52	-11.98	-8.25	-6.21
-19.0D	10.564	-282.43	-20.39	-15.90	-7.83	-7.09
-20.0C	10.733	-295.02	-12.54	-18.38	-7.35	-7.82
-21.0C	10.817	-307.30	-3.89	-19.53	-6.78	-8.43
-22.0D	10.813	-319.50	4.75	-19.48	-6.13	-8.91
-23.0D	10.723	-331.81	12.63	-18.30	-5.38	-9.27
-24.0D	10.559	-344.40	19.09	-16.05	-4.54	-9.53
-25.0D	10.339	-357.46	23.69	-12.78	-3.59	-9.70
-26.0	10.081	-371.13	26.50	-8.48	-2.53	-9.76
-27.0	9.801	-385.53	27.94	-3.12	-1.37	-9.70
-28.0	9.513	-400.79	28.21	3.32	-0.12	-9.51
-29.0	9.231	-417.01	26.47	10.59	1.22	-9.15
-30.0E	8.985	-434.22	20.82	17.67	2.61	-8.60

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-5.00	0.0	10.00
-1.0	10.144	-14.14	-13.01	-7.86	-1.10	10.08
-2.0	10.262	-27.91	-9.89	-10.11	-2.15	10.03
-3.0	10.343	-41.41	-5.86	-11.64	-3.14	9.85
-4.0	10.380	-54.75	-1.09	-12.35	-4.07	9.55
-5.0	10.364	-68.05	4.30	-12.14	-4.94	9.11
-6.0	10.290	-81.47	10.20	-10.85	-5.75	8.53
-7.0	10.154	-95.17	16.40	-8.28	-6.50	7.80
-8.0	9.955	-109.34	22.25	-4.22	-7.17	6.91
-9.0C	9.705	-124.19	26.21	1.37	-7.75	5.84
-10.0C	9.434	-139.90	25.84	7.92	-8.23	4.60
-11.0D	9.198	-156.49	19.32	13.99	-8.61	3.22
-12.0D	9.057	-173.79	7.50	17.61	-8.89	1.75
-13.0D	9.052	-191.35	-6.43	17.41	-9.05	0.24
-14.0D	9.184	-208.64	-19.10	13.35	-9.10	-1.26
-15.0D	9.430	-225.20	-28.25	6.67	-9.04	-2.68
-16.0D	9.746	-240.77	-32.80	-0.93	-8.89	-4.00
-17.0D	10.085	-255.30	-32.66	-7.97	-8.66	-5.17
-18.0D	10.401	-268.90	-28.45	-13.59	-8.36	-6.19
-19.0C	10.657	-281.76	-21.24	-17.55	-7.99	-7.06
-20.0C	10.829	-294.11	-12.24	-19.90	-7.54	-7.78
-21.0C	10.905	-306.18	-2.50	-20.82	-7.00	-8.36
-22.0C	10.881	-318.19	7.04	-20.47	-6.37	-8.82
-23.0D	10.764	-330.37	15.47	-18.93	-5.64	-9.17
-24.0D	10.571	-342.90	21.98	-16.29	-4.79	-9.42
-25.0D	10.323	-355.96	26.12	-12.63	-3.83	-9.58
-26.0	10.044	-369.69	28.19	-7.97	-2.77	-9.66
-27.0	9.751	-384.21	28.99	-2.27	-1.59	-9.62
-28.0	9.453	-399.64	28.97	4.54	-0.31	-9.45
-29.0	9.164	-416.07	27.09	12.24	1.06	-9.10
-30.0E	8.914	-433.53	20.84	19.68	2.49	-8.56

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-5.00	0.0	10.00
-1.0	10.145	-14.14	-13.25	-7.91	-1.10	10.09
-2.0	10.267	-27.90	-10.37	-10.26	-2.15	10.04
-3.0	10.354	-41.37	-6.55	-11.91	-3.14	9.87
-4.0	10.398	-54.67	-1.92	-12.78	-4.07	9.57
-5.0	10.391	-67.90	3.44	-12.74	-4.93	9.14
-6.0	10.326	-81.23	9.48	-11.63	-5.74	8.58
-7.0	10.195	-94.82	16.08	-9.20	-6.48	7.87
-8.0	9.997	-108.86	22.70	-5.16	-7.14	7.00
-9.0C	9.736	-123.60	27.73	0.62	-7.71	5.94
-10.0C	9.445	-139.23	28.26	7.66	-8.19	4.70
-11.0D	9.183	-155.84	21.72	14.39	-8.56	3.32
-12.0D	9.022	-173.23	8.86	18.55	-8.84	1.83
-13.0D	9.010	-190.94	-6.51	18.46	-9.01	0.30
-14.0D	9.151	-208.36	-20.51	14.06	-9.07	-1.21
-15.0D	9.416	-225.00	-30.62	6.72	-9.04	-2.65
-16.0D	9.759	-240.55	-35.61	-1.55	-8.92	-3.97
-17.0D	10.126	-254.98	-35.28	-9.08	-8.72	-5.14
-18.0D	10.465	-268.42	-30.33	-14.95	-8.46	-6.16
-19.0C	10.735	-281.09	-22.06	-18.93	-8.13	-7.01
-20.0C	10.910	-293.24	-11.91	-21.16	-7.71	-7.72
-21.0C	10.977	-305.14	-1.10	-21.86	-7.20	-8.29
-22.0C	10.934	-317.01	9.31	-21.20	-6.58	-8.73
-23.0D	10.791	-329.10	18.26	-19.31	-5.85	-9.07
-24.0D	10.569	-341.60	24.74	-16.28	-5.00	-9.31
-25.0D	10.295	-354.69	28.30	-12.24	-4.03	-9.47
-26.0	9.998	-368.52	29.53	-7.24	-2.95	-9.55
-27.0	9.695	-383.18	29.69	-1.23	-1.75	-9.54
-28.0	9.392	-398.79	29.44	5.92	-0.44	-9.38
-29.0E	9.099	-415.45	27.39	13.99	0.96	-9.05
-30.0E	8.849	-433.17	20.39	21.66	2.42	-8.51

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	-5.00	0.0	10.00
-1.0	10.147	-14.14	-13.49	-7.96	-1.10	10.09
-2.0	10.272	-27.89	-10.85	-10.40	-2.15	10.05
-3.0	10.365	-41.34	-7.25	-12.19	-3.14	9.88
-4.0	10.418	-54.59	-2.80	-13.22	-4.06	9.59
-5.0	10.420	-67.75	2.47	-13.37	-4.92	9.18
-6.0	10.364	-80.98	8.57	-12.46	-5.72	8.64
-7.0	10.242	-94.45	15.48	-10.23	-6.46	7.95
-8.0	10.046	-108.35	22.80	-6.30	-7.11	7.10
-9.0C	9.779	-122.93	28.98	-0.43	-7.68	6.06
-10.0C	9.468	-138.45	30.70	7.04	-8.15	4.83
-11.0D	9.179	-155.02	24.51	14.48	-8.51	3.44
-12.0D	8.993	-172.48	10.85	19.32	-8.78	1.94
-13.0D	8.967	-190.32	-5.93	19.54	-8.96	0.39
-14.0	9.109	-207.90	-21.34	14.96	-9.04	-1.13
-15.0D	9.389	-224.65	-32.58	7.08	-9.03	-2.59
-16.0D	9.757	-240.23	-38.22	-1.85	-8.94	-3.92
-17.0D	10.151	-254.61	-37.89	-9.91	-8.78	-5.10
-18.0C	10.514	-267.93	-32.31	-16.05	-8.55	-6.11
-19.0C	10.799	-280.45	-23.05	-20.09	-8.25	-6.96
-20.0C	10.978	-292.44	-11.79	-22.22	-7.87	-7.66
-21.0C	11.038	-304.18	0.08	-22.74	-7.38	-8.21
-22.0C	10.979	-315.94	11.38	-21.82	-6.77	-8.64
-23.0D	10.812	-327.95	20.86	-19.59	-6.04	-8.96
-24.0D	10.562	-340.44	27.30	-16.20	-5.19	-9.20
-25.0D	10.265	-353.58	30.24	-11.79	-4.21	-9.36
-26.0	9.953	-367.50	30.61	-6.49	-3.10	-9.46
-27.0	9.642	-382.31	30.21	-0.21	-1.89	-9.46
-28.0	9.334	-398.09	29.82	7.25	-0.55	-9.32
-29.0E	9.038	-414.96	27.65	15.68	0.87	-9.00
-30.0E	8.788	-432.92	19.82	23.54	2.36	-8.46

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	0.0	0.0	10.00
-1.0	10.156	-14.42	-15.21	-3.12	-1.15	10.09
-2.0	10.306	-28.41	-14.07	-5.98	-2.25	10.06
-3.0	10.440	-42.00	-11.81	-8.38	-3.27	9.91
-4.0	10.545	-55.28	-8.64	-10.22	-4.23	9.66
-5.0	10.614	-68.33	-4.73	-11.42	-5.11	9.30
-6.0	10.640	-81.25	-0.27	-11.93	-5.92	8.84
-7.0	10.618	-94.17	4.64	-11.65	-6.65	8.28
-8.0	10.544	-107.20	9.88	-10.50	-7.31	7.60
-9.0	10.415	-120.48	15.26	-8.31	-7.89	6.79
-10.0	10.233	-134.18	20.35	-4.93	-8.39	5.86
-11.00	10.003	-148.46	24.17	-0.31	-8.79	4.78
-12.00	9.748	-163.48	25.05	5.29	-9.07	3.56
-13.00	9.507	-179.30	21.31	11.00	-9.24	2.23
-14.00	9.329	-195.84	12.70	15.37	-9.29	0.80
-15.00	9.258	-212.83	0.98	17.02	-9.23	-0.67
-16.00	9.311	-229.84	-11.15	15.32	-9.06	-2.14
-17.00	9.479	-246.42	-21.31	10.75	-8.79	-3.54
-18.00	9.735	-262.25	-28.07	4.50	-8.44	-4.85
-19.00	10.039	-277.18	-30.87	-2.09	-8.03	-6.02
-20.00	10.353	-291.19	-29.88	-8.00	-7.57	-7.06
-21.00	10.640	-304.40	-25.72	-12.69	-7.08	-7.94
-22.00	10.871	-316.97	-19.28	-16.02	-6.55	-8.68
-23.00	11.029	-329.10	-11.43	-18.07	-5.98	-9.27
-24.00	11.103	-340.97	-2.96	-18.94	-5.36	-9.72
-25.00	11.090	-352.78	5.41	-18.76	-4.68	-10.05
-26.00	10.995	-364.71	13.03	-17.58	-3.93	-10.27
-27.00	10.828	-376.93	19.27	-15.47	-3.10	-10.37
-28.00	10.607	-389.58	23.70	-12.46	-2.19	-10.38
-29.0	10.350	-402.82	26.29	-8.56	-1.19	-10.28
-30.0	10.074	-416.74	27.45	-3.78	-0.10	-10.07

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	0.0	0.0	10.00
-1.0	10.157	-14.42	-15.45	-3.17	-1.15	10.09
-2.0	10.311	-28.39	-14.57	-6.13	-2.24	10.06
-3.0	10.451	-41.96	-12.55	-8.67	-3.27	9.93
-4.0	10.565	-55.19	-9.60	-10.67	-4.22	9.68
-5.0	10.645	-68.17	-5.88	-12.07	-5.10	9.34
-6.0	10.683	-81.00	-1.52	-12.80	-5.90	8.90
-7.0	10.674	-93.78	3.38	-12.77	-6.63	8.36
-8.0	10.612	-106.64	8.78	-11.87	-7.29	7.72
-9.0	10.493	-119.73	14.59	-9.93	-7.86	6.95
-10.0	10.313	-133.20	20.52	-6.70	-8.35	6.05
-11.00	10.076	-147.24	25.66	-2.02	-8.75	5.00
-12.00	9.798	-162.05	28.10	4.00	-9.03	3.81
-13.00	9.519	-177.76	25.39	10.54	-9.19	2.48
-14.00	9.299	-194.33	16.57	15.96	-9.24	1.04
-15.00	9.195	-211.48	3.50	18.47	-9.18	-0.45
-16.00	9.231	-228.73	-10.47	17.11	-9.02	-1.95
-17.00	9.402	-245.58	-22.45	12.26	-8.77	-3.39
-18.00	9.677	-261.62	-30.64	5.32	-8.44	-4.73
-19.00	10.013	-276.64	-34.32	-2.10	-8.07	-5.93
-20.00	10.364	-290.65	-33.51	-8.72	-7.65	-6.99
-21.00	10.686	-303.76	-28.90	-13.90	-7.20	-7.90
-22.00	10.945	-316.16	-21.56	-17.49	-6.72	-8.64
-23.00	11.121	-328.08	-12.59	-19.62	-6.20	-9.23
-24.00	11.201	-339.73	-2.94	-20.46	-5.62	-9.69
-25.00	11.182	-351.33	6.56	-20.14	-4.98	-10.01
-26.00	11.070	-363.06	15.10	-18.75	-4.26	-10.22
-27.00	10.879	-375.13	21.90	-16.37	-3.44	-10.32
-28.00	10.630	-387.69	26.37	-13.04	-2.54	-10.32
-29.0	10.347	-400.88	28.57	-8.83	-1.53	-10.23
-30.0	10.051	-414.82	29.23	-3.71	-0.44	-10.04

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	0.0	0.0	10.00
-1.0	10.158	-14.42	-15.69	-3.22	-1.15	10.09
-2.0	10.316	-28.38	-15.06	-6.27	-2.24	10.07
-3.0	10.462	-41.92	-13.31	-8.95	-3.27	9.94
-4.0	10.585	-55.11	-10.61	-11.13	-4.22	9.71
-5.0	10.677	-68.02	-7.11	-12.74	-5.09	9.39
-6.0	10.729	-80.74	-2.93	-13.71	-5.89	8.97
-7.0	10.735	-93.38	1.86	-13.96	-6.61	8.46
-8.0	10.688	-106.06	7.28	-13.38	-7.26	7.85
-9.0	10.584	-118.92	13.32	-11.77	-7.83	7.12
-10.0	10.414	-132.12	19.89	-8.87	-8.32	6.27
-11.0	10.177	-145.86	26.31	-4.37	-8.71	5.27
-12.00	9.883	-160.37	30.69	1.83	-8.99	4.11
-13.00	9.567	-175.84	29.89	9.11	-9.15	2.80
-14.00	9.297	-192.31	21.76	15.78	-9.20	1.36
-15.00	9.142	-209.55	7.81	19.61	-9.14	-0.14
-16.0	9.143	-227.06	-7.99	19.13	-8.99	-1.66
-17.0	9.299	-244.23	-22.07	14.44	-8.75	-3.14
-18.00	9.581	-260.58	-32.21	7.01	-8.44	-4.53
-19.00	9.941	-275.84	-37.38	-1.26	-8.09	-5.78
-20.00	10.328	-289.96	-37.36	-8.74	-7.71	-6.88
-21.00	10.690	-303.07	-32.74	-14.59	-7.30	-7.81
-22.00	10.986	-315.39	-24.75	-18.60	-6.86	-8.58
-23.00	11.189	-327.16	-14.77	-20.95	-6.38	-9.19
-24.00	11.285	-338.63	-3.95	-21.87	-5.85	-9.65
-25.00	11.270	-350.03	6.76	-21.53	-5.24	-9.98
-26.00	11.150	-361.57	16.43	-20.02	-4.55	-10.18
-27.00	10.941	-373.47	24.06	-17.44	-3.76	-10.27
-28.00	10.668	-385.89	28.84	-13.87	-2.87	-10.27
-29.0	10.361	-399.01	30.81	-9.38	-1.87	-10.19
-30.0	10.044	-412.92	31.04	-3.97	-0.77	-10.01

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	0.0	0.0	10.00
-1.0	10.159	-14.42	-15.94	-3.27	-1.15	10.09
-2.0	10.321	-28.37	-15.57	-6.42	-2.24	10.07
-3.0	10.474	-41.89	-14.09	-9.24	-3.26	9.95
-4.0	10.606	-55.02	-11.66	-11.60	-4.21	9.74
-5.0	10.710	-67.86	-8.43	-13.43	-5.08	9.43
-6.0	10.777	-80.47	-4.50	-14.66	-5.87	9.04
-7.0	10.800	-92.96	0.10	-15.22	-6.59	8.56
-8.0	10.772	-105.45	5.38	-15.01	-7.23	7.98
-9.0	10.687	-118.06	11.43	-13.83	-7.80	7.31
-10.0	10.535	-130.95	18.32	-11.41	-8.28	6.51
-11.0	10.310	-144.33	25.75	-7.37	-8.68	5.57
-12.00	10.012	-158.43	32.24	-1.36	-8.96	4.47
-13.00	9.666	-173.50	34.36	6.38	-9.12	3.20
-14.00	9.337	-189.70	28.35	14.36	-9.16	1.79
-15.00	9.113	-206.90	14.44	20.03	-9.11	0.28
-16.0	9.054	-224.61	-2.96	21.20	-8.96	-1.27
-17.0	9.170	-242.18	-19.37	17.40	-8.74	-2.79
-18.0	9.437	-258.99	-32.04	9.91	-8.44	-4.23
-19.00	9.808	-274.66	-39.56	0.88	-8.10	-5.53
-20.00	10.226	-289.08	-41.30	-7.69	-7.73	-6.69
-21.00	10.634	-302.35	-37.49	-14.52	-7.36	-7.68
-22.00	10.978	-314.70	-29.38	-19.25	-6.96	-8.49
-23.00	11.226	-326.40	-18.63	-22.06	-6.53	-9.13
-24.00	11.356	-337.73	-6.71	-23.26	-6.04	-9.62
-25.00	11.362	-348.93	5.30	-23.07	-5.48	-9.95
-26.00	11.250	-360.25	16.37	-21.62	-4.83	-10.16
-27.00	11.035	-371.92	25.31	-18.99	-4.07	-10.26
-28.00	10.744	-384.13	30.97	-15.29	-3.21	-10.25
-29.0	10.414	-397.07	33.15	-10.63	-2.22	-10.17
-30.0	10.074	-410.84	33.13	-5.02	-1.14	-10.01

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	5.00	0.0	10.00
-1.0	10.169	-14.70	-17.69	1.55	-1.20	10.10
-2.0	10.356	-28.88	-18.78	-2.03	-2.34	10.09
-3.0	10.548	-42.54	-18.43	-5.43	-3.40	9.98
-4.0	10.729	-55.71	-16.85	-8.45	-4.38	9.80
-5.0	10.889	-68.46	-14.26	-10.97	-5.26	9.53
-6.0	11.018	-80.86	-10.85	-12.93	-6.07	9.20
-7.0	11.109	-93.01	-6.83	-14.33	-6.78	8.80
-8.0	11.156	-104.99	-2.35	-15.13	-7.42	8.33
-9.0	11.156	-116.91	2.47	-15.31	-7.99	7.79
-10.0	11.105	-128.88	7.54	-14.83	-8.48	7.17
-11.0	11.001	-141.01	12.84	-13.58	-8.90	6.47
-12.0	10.842	-153.42	18.33	-11.41	-9.24	5.67
-13.0	10.626	-166.28	23.84	-8.09	-9.50	4.75
-14.0	10.356	-179.75	28.69	-3.40	-9.67	3.71
-15.0C	10.046	-194.02	31.31	2.66	-9.72	2.54
-16.0C	9.731	-209.23	29.43	9.52	-9.65	1.24
-17.0D	9.465	-225.40	21.66	15.82	-9.46	-0.15
-18.0D	9.305	-242.31	9.09	19.75	-9.17	-1.60
-19.0	9.285	-259.53	-5.33	19.97	-8.77	-3.06
-20.0	9.410	-276.54	-18.64	16.40	-8.28	-4.47
-21.0D	9.655	-292.87	-28.77	10.10	-7.74	-5.78
-22.0D	9.984	-308.23	-34.73	2.66	-7.16	-6.96
-23.0D	10.351	-322.54	-36.32	-4.49	-6.57	-8.00
-24.0D	10.713	-335.85	-33.96	-10.48	-5.99	-8.88
-25.0C	11.035	-348.33	-28.47	-14.98	-5.42	-9.61
-26.0C	11.288	-360.17	-20.84	-18.05	-4.86	-10.19
-27.0C	11.457	-371.57	-11.97	-19.85	-4.29	-10.62
-28.0C	11.531	-382.74	-2.58	-20.53	-3.71	-10.92
-29.0C	11.510	-393.86	6.70	-20.20	-3.08	-11.09
-30.0C	11.397	-405.13	15.27	-18.90	-2.41	-11.14

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	5.00	0.0	10.00
-1.0	10.170	-14.70	-17.94	1.50	-1.20	10.10
-2.0	10.361	-28.87	-19.29	-2.18	-2.34	10.09
-3.0	10.560	-42.50	-19.24	-5.72	-3.40	10.00
-4.0	10.751	-55.63	-17.97	-8.92	-4.37	9.82
-5.0	10.924	-68.30	-15.68	-11.66	-5.25	9.58
-6.0	11.069	-80.60	-12.55	-13.87	-6.05	9.27
-7.0	11.178	-92.59	-8.75	-15.53	-6.76	8.90
-8.0	11.246	-104.39	-4.44	-16.63	-7.39	8.47
-9.0	11.267	-116.07	0.25	-17.16	-7.95	7.98
-10.0	11.240	-127.75	5.26	-17.08	-8.44	7.43
-11.0	11.159	-139.53	10.56	-16.30	-8.85	6.79
-12.0	11.022	-151.53	16.22	-14.68	-9.20	6.07
-13.0	10.826	-163.90	22.30	-11.99	-9.47	5.24
-14.0	10.566	-176.81	28.57	-7.89	-9.66	4.29
-15.0C	10.244	-190.46	33.91	-2.09	-9.73	3.20
-16.0C	9.884	-205.09	35.73	5.32	-9.69	1.97
-17.0D	9.536	-220.82	30.97	13.29	-9.52	0.61
-18.0D	9.275	-237.61	19.08	19.75	-9.24	-0.84
-19.0	9.160	-255.08	3.06	22.55	-8.86	-2.34
-20.0	9.213	-272.64	-13.19	20.71	-8.39	-3.81
-21.0	9.421	-289.69	-26.77	14.87	-7.85	-5.21
-22.0D	9.746	-305.77	-36.06	6.75	-7.27	-6.49
-23.0D	10.142	-320.67	-40.45	-1.73	-6.69	-7.62
-24.0D	10.557	-334.40	-39.95	-9.18	-6.12	-8.60
-25.0D	10.944	-347.11	-35.21	-14.92	-5.58	-9.41
-26.0C	11.266	-359.01	-27.38	-18.90	-5.06	-10.07
-27.0C	11.498	-370.34	-17.66	-21.33	-4.54	-10.56
-28.0C	11.625	-381.33	-7.07	-22.46	-4.01	-10.91
-29.0C	11.642	-392.19	3.67	-22.45	-3.45	-11.12
-30.0C	11.551	-403.13	13.88	-21.37	-2.83	-11.20

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	5.00	0.0	10.00
-1.0	10.171	-14.69	-18.18	1.45	-1.20	10.10
-2.0	10.367	-28.85	-19.81	-2.33	-2.34	10.10
-3.0	10.572	-42.46	-20.06	-6.02	-3.39	10.01
-4.0	10.773	-55.54	-19.12	-9.41	-4.36	9.85
-5.0	10.959	-68.14	-17.16	-12.36	-5.24	9.62
-6.0	11.121	-80.32	-14.33	-14.82	-6.03	9.34
-7.0	11.250	-92.17	-10.78	-16.76	-6.74	9.01
-8.0	11.340	-103.78	-6.67	-18.16	-7.36	8.62
-9.0	11.385	-115.22	-2.12	-19.02	-7.91	8.19
-10.0	11.382	-126.61	2.75	-19.32	-8.39	7.69
-11.0	11.328	-138.03	7.90	-19.02	-8.81	7.13
-12.0	11.219	-149.61	13.42	-18.00	-9.15	6.49
-13.0	11.051	-161.46	19.48	-16.06	-9.44	5.75
-14.0	10.818	-173.75	26.24	-12.89	-9.64	4.91
-15.0	10.513	-186.67	33.43	-8.01	-9.75	3.94
-16.0C	10.139	-200.48	39.29	-1.03	-9.74	2.81
-17.0C	9.727	-215.45	39.93	7.77	-9.61	1.53
-18.0D	9.353	-231.70	31.80	16.74	-9.35	0.11
-19.0	9.103	-249.06	16.09	23.15	-9.00	-1.39
-20.0	9.033	-267.03	-2.46	24.76	-8.55	-2.91
-21.0	9.149	-284.88	-19.70	21.08	-8.02	-4.40
-22.0	9.423	-301.95	-33.19	13.40	-7.43	-5.79
-23.0	9.811	-317.83	-41.79	3.90	-6.83	-7.04
-24.0D	10.260	-332.38	-45.03	-5.33	-6.24	-8.14
-25.0D	10.714	-345.67	-42.91	-12.95	-5.69	-9.08
-26.0C	11.122	-357.92	-36.24	-18.48	-5.18	-9.84
-27.0C	11.444	-369.38	-26.46	-22.06	-4.69	-10.44
-28.0C	11.657	-380.32	-15.02	-24.03	-4.21	-10.87
-29.0C	11.749	-390.99	-2.95	-24.67	-3.71	-11.15
-30.0C	11.718	-401.62	8.97	-24.11	-3.17	-11.28

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	5.00	0.0	10.00
-1.0	10.172	-14.69	-18.42	1.40	-1.20	10.10
-2.0	10.372	-28.84	-20.33	-2.48	-2.34	10.10
-3.0	10.584	-42.42	-20.91	-6.32	-3.39	10.03
-4.0	10.795	-55.45	-20.32	-9.90	-4.36	9.88
-5.0	10.996	-67.97	-18.71	-13.08	-5.23	9.67
-6.0	11.175	-80.05	-16.20	-15.79	-6.02	9.42
-7.0	11.324	-91.74	-12.90	-17.99	-6.72	9.12
-8.0	11.437	-103.15	-8.95	-19.68	-7.33	8.78
-9.0	11.506	-114.36	-4.52	-20.85	-7.87	8.39
-10.0	11.528	-125.45	0.26	-21.50	-8.34	7.96
-11.0	11.500	-136.53	5.28	-21.61	-8.75	7.47
-12.0	11.419	-147.70	10.55	-21.12	-9.09	6.91
-13.0	11.283	-159.06	16.24	-19.89	-9.38	6.27
-14.0	11.084	-170.75	22.66	-17.69	-9.60	5.54
-15.0	10.815	-182.94	30.15	-14.06	-9.74	4.69
-16.0	10.465	-195.86	38.36	-8.41	-9.79	3.70
-17.0C	10.037	-209.80	44.73	-0.23	-9.71	2.54
-18.0D	9.575	-225.09	43.84	9.99	-9.50	1.22
-19.0D	9.178	-241.83	32.20	19.90	-9.17	-0.25
-20.0	8.941	-259.75	13.36	26.24	-8.76	-1.79
-21.0	8.909	-278.20	-6.80	26.84	-8.26	-3.35
-22.0	9.072	-296.34	-24.48	21.71	-7.67	-4.85
-23.0	9.394	-313.51	-37.83	12.63	-7.03	-6.23
-24.0	9.828	-329.32	-46.12	2.06	-6.39	-7.47
-25.0D	10.319	-343.68	-48.88	-7.85	-5.78	-8.55
-26.0D	10.808	-356.69	-45.85	-15.75	-5.24	-9.46
-27.0C	11.240	-368.63	-37.84	-21.25	-4.74	-10.19
-28.0C	11.571	-379.78	-26.57	-24.64	-4.28	-10.75
-29.0C	11.778	-390.43	-13.70	-26.36	-3.83	-11.14
-30.0C	11.850	-400.84	-0.34	-26.70	-3.36	-11.36

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	10.00	0.0	10.00
-1.0	10.182	-14.97	-20.22	6.21	-1.25	10.10
-2.0	10.407	-29.35	-23.54	1.98	-2.43	10.12
-3.0	10.657	-43.07	-25.05	-2.51	-3.53	10.06
-4.0	10.914	-56.14	-24.93	-6.60	-4.53	9.93
-5.0	11.162	-68.61	-23.39	-10.21	-5.42	9.76
-6.0B	11.388	-80.54	-20.62	-13.24	-6.21	9.54
-7.0B	11.580	-92.02	-16.83	-15.65	-6.91	9.29
-8.0B	11.730	-103.16	-12.23	-17.46	-7.52	9.00
-9.0B	11.829	-114.05	-7.07	-18.68	-8.05	8.67
-10.0B	11.873	-124.80	-1.59	-19.34	-8.50	8.29
-11.0B	11.861	-135.51	3.96	-19.44	-8.88	7.86
-12.0B	11.793	-146.28	9.39	-18.99	-9.21	7.36
-13.0	11.670	-157.22	14.60	-17.97	-9.49	6.80
-14.0	11.495	-168.43	19.60	-16.30	-9.71	6.15
-15.0	11.269	-180.03	24.52	-13.84	-9.89	5.40
-16.0	10.993	-192.15	29.49	-10.33	-10.01	4.54
-17.0	10.666	-204.96	34.28	-5.44	-10.05	3.56
-18.0C	10.296	-218.65	37.66	1.08	-10.00	2.45
-19.0C	9.910	-233.41	37.07	8.97	-9.84	1.19
-20.0D	9.561	-249.33	29.90	17.00	-9.56	-0.19
-21.0D	9.320	-266.26	16.29	22.99	-9.17	-1.64
-22.0	9.239	-283.79	-0.68	24.91	-8.70	-3.12
-23.0	9.333	-301.27	-17.25	22.07	-8.14	-4.57
-24.0	9.581	-318.09	-30.63	15.44	-7.53	-5.93
-25.0D	9.943	-333.86	-39.32	6.94	-6.90	-7.16
-26.0D	10.368	-348.40	-42.87	-1.49	-6.28	-8.25
-27.0D	10.804	-361.76	-41.61	-8.63	-5.70	-9.18
-28.0C	11.206	-374.11	-36.47	-14.04	-5.15	-9.95
-29.0C	11.541	-385.67	-28.70	-17.79	-4.65	-10.56
-30.0C	11.787	-396.67	-19.41	-20.17	-4.16	-11.03

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	10.00	0.0	10.00
-1.0	10.183	-14.97	-20.47	6.16	-1.25	10.11
-2.0	10.412	-29.34	-24.07	1.73	-2.43	10.12
-3.0	10.669	-43.03	-25.92	-2.81	-3.53	10.07
-4.0	10.937	-56.05	-26.17	-7.10	-4.52	9.96
-5.0	11.200	-68.44	-24.97	-10.92	-5.41	9.81
-6.0B	11.443	-80.26	-22.45	-14.16	-6.20	9.62
-7.0B	11.655	-91.60	-18.77	-16.78	-6.89	9.40
-8.0B	11.824	-102.56	-14.12	-18.78	-7.49	9.15
-9.0B	11.941	-113.25	-8.78	-20.17	-8.00	8.87
-10.0B	12.002	-123.76	-3.02	-20.99	-8.44	8.54
-11.0B	12.003	-134.21	2.84	-21.24	-8.81	8.16
-12.0B	11.944	-144.70	8.54	-20.95	-9.12	7.71
-13.0B	11.829	-155.33	13.92	-20.12	-9.38	7.20
-14.0	11.661	-166.20	18.95	-18.71	-9.60	6.61
-15.0	11.442	-177.43	23.79	-16.60	-9.78	5.93
-16.0	11.174	-189.13	28.79	-13.57	-9.92	5.15
-17.0	10.852	-201.46	34.15	-9.22	-9.99	4.24
-18.0	10.476	-214.63	39.29	-3.12	-9.98	3.20
-19.0C	10.057	-228.86	41.83	4.93	-9.86	2.00
-20.0D	9.643	-244.35	37.84	14.14	-9.62	0.65
-21.0D	9.312	-261.10	25.45	22.31	-9.28	-0.81
-22.0	9.142	-278.77	7.38	26.70	-8.84	-2.33
-23.0	9.165	-296.70	-11.72	25.69	-8.32	-3.84
-24.0	9.372	-314.16	-28.20	19.68	-7.74	-5.28
-25.0	9.725	-330.58	-39.96	10.66	-7.13	-6.61
-26.0D	10.170	-345.68	-46.11	1.02	-6.54	-7.79
-27.0D	10.649	-359.44	-46.54	-7.45	-5.98	-8.81
-28.0C	11.105	-372.02	-41.98	-13.92	-5.46	-9.67
-29.0C	11.496	-383.67	-33.88	-18.40	-4.99	-10.36
-30.0C	11.791	-394.65	-23.77	-21.23	-4.54	-10.88

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	10.00	0.0	10.00
-1.0	10.184	-14.97	-20.71	6.11	-1.25	10.11
-2.0	10.417	-29.32	-24.61	1.57	-2.43	10.13
-3.0	10.682	-42.99	-26.80	-3.12	-3.52	10.08
-4.0	10.960	-55.96	-27.43	-7.60	-4.51	9.99
-5.0	11.238	-68.27	-26.58	-11.62	-5.40	9.86
-6.0B	11.499	-79.98	-24.29	-15.07	-6.18	9.70
-7.0B	11.730	-91.18	-20.66	-17.88	-6.86	9.51
-8.0B	11.918	-101.97	-15.86	-20.04	-7.45	9.30
-9.0B	12.051	-112.46	-10.20	-21.56	-7.95	9.06
-10.0B	12.124	-122.75	-4.01	-22.47	-8.37	8.77
-11.0B	12.133	-132.97	2.32	-22.78	-8.72	8.44
-12.0B	12.078	-143.21	8.43	-22.55	-9.02	8.04
-13.0B	11.962	-153.59	14.06	-21.78	-9.26	7.57
-14.0	11.792	-164.20	19.12	-20.48	-9.47	7.02
-15.0	11.573	-175.15	23.78	-18.57	-9.65	6.39
-16.0	11.306	-186.56	28.49	-15.84	-9.79	5.65
-17.0	10.988	-198.56	33.80	-11.91	-9.88	4.80
-18.0	10.612	-211.35	39.71	-6.23	-9.90	3.81
-19.0C	10.179	-225.17	44.38	1.68	-9.83	2.66
-20.0C	9.724	-240.29	43.30	11.49	-9.63	1.34
-21.0D	9.328	-256.83	32.53	21.16	-9.33	-0.11
-22.0	9.086	-274.53	13.93	27.51	-8.93	-1.66
-23.0	9.051	-292.75	-7.00	28.13	-8.46	-3.22
-24.0	9.222	-310.67	-25.83	22.87	-7.92	-4.72
-25.0	9.563	-327.60	-40.02	13.60	-7.34	-6.13
-26.0D	10.020	-343.13	-48.35	3.04	-6.77	-7.38
-27.0D	10.530	-357.20	-50.31	-6.53	-6.25	-8.48
-28.0C	11.029	-369.96	-46.28	-13.90	-5.77	-9.40
-29.0C	11.461	-381.68	-37.83	-18.94	-5.33	-10.15
-30.0C	11.794	-392.65	-26.92	-22.09	-4.92	-10.72

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	10.00	0.0	10.00
-1.0	10.185	-14.97	-20.96	6.06	-1.25	10.11
-2.0	10.423	-29.31	-25.15	1.42	-2.43	10.14
-3.0	10.694	-42.95	-27.71	-3.43	-3.52	10.10
-4.0	10.984	-55.87	-28.73	-8.10	-4.51	10.02
-5.0B	11.277	-68.10	-28.22	-12.34	-5.39	9.91
-6.0B	11.556	-79.70	-26.13	-15.98	-6.16	9.77
-7.0B	11.806	-90.76	-22.46	-18.96	-6.84	9.62
-8.0B	12.011	-101.38	-17.40	-21.24	-7.41	9.45
-9.0B	12.158	-111.68	-11.26	-22.84	-7.89	9.25
-10.0B	12.239	-121.78	-4.49	-23.77	-8.30	9.00
-11.0B	12.249	-131.79	2.45	-24.07	-8.63	8.70
-12.0B	12.190	-141.83	9.07	-23.79	-8.90	8.33
-13.0B	12.066	-152.01	15.02	-22.98	-9.13	7.89
-14.0B	11.885	-162.44	20.13	-21.66	-9.33	7.37
-15.0	11.656	-173.21	24.55	-19.80	-9.50	6.76
-16.0	11.384	-184.44	28.85	-17.20	-9.64	6.05
-17.0	11.064	-196.25	33.84	-13.48	-9.75	5.23
-18.0	10.687	-208.83	39.94	-8.04	-9.80	4.27
-19.0C	10.247	-222.42	45.82	-0.22	-9.75	3.15
-20.0C	9.767	-237.34	46.65	9.95	-9.59	1.84
-21.0D	9.330	-253.76	36.92	20.57	-9.32	0.38
-22.0	9.045	-271.50	17.72	28.11	-8.97	-1.18
-23.0	8.978	-289.92	-4.65	29.63	-8.54	-2.77
-24.0	9.133	-308.12	-25.07	24.66	-8.04	-4.33
-25.0	9.475	-325.33	-40.80	15.06	-7.51	-5.78
-26.0D	9.947	-341.08	-50.46	3.78	-6.98	-7.08
-27.0D	10.483	-355.28	-53.19	-6.53	-6.50	-8.23
-28.0C	11.011	-368.07	-49.08	-14.41	-6.06	-9.19
-29.0C	11.470	-379.76	-39.92	-19.69	-5.67	-9.97
-30.0C	11.819	-390.67	-28.09	-22.91	-5.30	-10.56

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	15.00	0.0	10.00
-1.0	10.195	-15.25	-22.79	10.86	-1.30	10.11
-2.0	10.459	-29.81	-28.35	5.75	-2.53	10.15
-3.0	10.767	-43.59	-31.66	0.39	-3.66	10.13
-4.0	11.099	-56.56	-32.86	-4.70	-4.68	10.07
-5.0B	11.433	-68.75	-32.10	-9.20	-5.58	9.98
-6.0B	11.749	-80.26	-29.49	-12.98	-6.36	9.88
-7.0B	12.030	-91.18	-25.26	-16.01	-7.04	9.76
-8.0B	12.261	-101.64	-19.68	-18.31	-7.61	9.61
-9.0B	12.430	-111.76	-13.13	-19.91	-8.08	9.44
-10.0B	12.528	-121.66	-5.99	-20.83	-8.47	9.23
-11.0B	12.552	-131.46	1.33	-21.06	-8.79	8.96
-12.0B	12.501	-141.28	8.47	-20.65	-9.05	8.63
-13.0B	12.380	-151.24	15.05	-19.64	-9.26	8.22
-14.0B	12.196	-161.44	20.76	-18.09	-9.44	7.73
-15.0B	11.959	-171.99	25.43	-16.01	-9.59	7.14
-16.0	11.680	-183.00	29.14	-13.35	-9.73	6.46
-17.0	11.365	-194.57	32.21	-9.96	-9.85	5.67
-18.0	11.022	-206.83	34.99	-5.56	-9.94	4.76
-19.0	10.651	-219.91	37.35	0.12	-9.98	3.71
-20.0C	10.264	-233.97	37.89	7.20	-9.95	2.52
-21.0C	9.891	-249.14	34.00	15.09	-9.82	1.20
-22.0D	9.591	-265.40	23.63	22.17	-9.59	-0.23
-23.0D	9.427	-282.47	7.79	26.19	-9.27	-1.72
-24.0D	9.438	-299.81	-9.96	25.62	-8.87	-3.22
-25.0D	9.624	-316.77	-25.88	20.58	-8.42	-4.67
-26.0D	9.952	-332.82	-37.44	12.75	-7.93	-6.01
-27.0D	10.371	-347.69	-43.51	4.26	-7.45	-7.22
-28.0C	10.824	-361.34	-44.18	-3.29	-6.98	-8.27
-29.0C	11.260	-373.91	-40.51	-9.20	-6.54	-9.17
-30.0C	11.643	-385.59	-33.98	-13.49	-6.12	-9.90

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	15.00	0.0	10.00
-1.0	10.196	-15.25	-23.04	10.80	-1.30	10.11
-2.0	10.464	-29.80	-28.89	5.59	-2.53	10.15
-3.0	10.780	-43.55	-32.58	0.08	-3.66	10.14
-4.0	11.123	-56.47	-34.18	-5.20	-4.67	10.10
-5.0B	11.472	-68.59	-33.71	-9.89	-5.57	10.03
-6.0B	11.806	-79.99	-31.20	-13.84	-6.35	9.95
-7.0B	12.104	-90.78	-26.80	-16.99	-7.01	9.87
-8.0B	12.348	-101.08	-20.82	-19.37	-7.57	9.76
-9.0B	12.526	-111.04	-13.69	-21.00	-8.03	9.62
-10.0A	12.626	-120.78	-5.90	-21.89	-8.39	9.43
-11.0A	12.646	-130.42	2.08	-22.04	-8.69	9.19
-12.0B	12.584	-140.10	9.78	-21.50	-8.93	8.87
-13.0B	12.448	-149.93	16.75	-20.34	-9.12	8.47
-14.0B	12.246	-160.03	22.59	-18.64	-9.28	7.99
-15.0B	11.991	-170.51	27.10	-16.45	-9.43	7.41
-16.0	11.696	-181.47	30.42	-13.71	-9.57	6.73
-17.0	11.371	-193.01	33.08	-10.27	-9.70	5.94
-18.0	11.019	-205.25	35.68	-5.82	-9.81	5.03
-19.0	10.641	-218.33	38.27	0.00	-9.87	3.98
-20.0C	10.241	-232.42	39.36	7.39	-9.85	2.79
-21.0C	9.852	-247.67	35.68	15.77	-9.74	1.45
-22.0D	9.537	-264.08	24.58	23.30	-9.54	-0.01
-23.0D	9.371	-281.34	7.29	27.41	-9.24	-1.53
-24.0D	9.395	-298.84	-11.91	26.41	-8.88	-3.06
-25.0D	9.606	-315.89	-28.82	20.59	-8.47	-4.53
-26.0D	9.967	-331.92	-40.73	11.96	-8.04	-5.89
-27.0D	10.418	-346.67	-46.43	2.93	-7.61	-7.12
-28.0C	10.896	-360.14	-46.12	-4.79	-7.20	-8.18
-29.0C	11.346	-372.51	-41.19	-10.60	-6.81	-9.07
-30.0C	11.729	-384.01	-33.49	-14.67	-6.44	-9.80

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	15.00	0.0	10.00
-1.0	10.198	-15.24	-23.28	10.75	-1.30	10.11
-2.0	10.469	-29.79	-29.45	5.43	-2.53	10.16
-3.0	10.793	-43.51	-33.52	-0.24	-3.65	10.16
-4.0	11.148	-56.38	-35.51	-5.70	-4.66	10.12
-5.0B	11.512	-68.42	-35.33	-10.58	-5.56	10.08
-6.0B	11.862	-79.71	-32.85	-14.68	-6.33	10.03
-7.0B	12.176	-90.37	-28.19	-17.93	-6.98	9.97
-8.0B	12.433	-100.54	-21.69	-20.36	-7.53	9.90
-9.0A	12.615	-110.35	-13.88	-21.97	-7.97	9.78
-10.0A	12.714	-119.94	-5.36	-22.79	-8.31	9.62
-11.0A	12.724	-129.46	3.32	-22.81	-8.59	9.39
-12.0A	12.648	-139.02	11.59	-22.09	-8.80	9.08
-13.0B	12.491	-148.77	18.91	-20.72	-8.97	8.69
-14.0B	12.266	-158.82	24.79	-18.83	-9.13	8.20
-15.0B	11.989	-169.28	29.01	-16.47	-9.27	7.61
-16.0	11.677	-180.25	31.80	-13.61	-9.41	6.92
-17.0	11.341	-191.84	33.93	-10.06	-9.55	6.12
-18.0	10.983	-204.14	36.28	-5.48	-9.67	5.20
-19.0	10.597	-217.31	39.02	0.57	-9.76	4.14
-20.0C	10.189	-231.53	40.35	8.33	-9.76	2.93
-21.0C	9.791	-246.95	36.30	17.12	-9.67	1.56
-22.0D	9.476	-263.56	23.86	24.79	-9.48	0.08
-23.0D	9.325	-281.02	4.91	28.48	-9.21	-1.47
-24.0D	9.380	-298.62	-15.46	26.55	-8.88	-3.02
-25.0D	9.631	-315.64	-32.78	19.67	-8.51	-4.50
-26.0D	10.031	-331.51	-44.31	10.26	-8.13	-5.87
-27.0D	10.513	-346.01	-48.89	0.95	-7.76	-7.09
-28.0C	11.008	-359.20	-47.00	-6.62	-7.41	-8.14
-29.0C	11.459	-371.31	-40.54	-12.07	-7.07	-9.02
-30.0C	11.829	-382.59	-31.69	-15.75	-6.74	-9.72

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	15.00	0.0	10.00
-1.0	10.199	-15.24	-23.53	10.70	-1.30	10.12
-2.0	10.474	-29.78	-30.01	5.27	-2.53	10.17
-3.0	10.806	-43.47	-34.47	-0.56	-3.65	10.17
-4.0	11.172	-56.29	-36.87	-6.21	-4.66	10.15
-5.0B	11.552	-68.25	-36.94	-11.27	-5.55	10.13
-6.0B	11.919	-79.44	-34.44	-15.50	-6.31	10.11
-7.0B	12.248	-89.97	-29.41	-18.83	-6.95	10.08
-8.0A	12.513	-100.00	-22.29	-21.27	-7.48	10.03
-9.0A	12.699	-109.68	-13.73	-22.84	-7.90	9.94
-10.0A	12.792	-119.14	-4.43	-23.54	-8.23	9.79
-11.0A	12.789	-128.55	4.96	-23.39	-8.48	9.57
-12.0A	12.692	-138.04	13.78	-22.44	-8.67	9.27
-13.0B	12.511	-147.74	21.39	-20.83	-8.83	8.86
-14.0B	12.261	-157.78	27.19	-18.71	-8.97	8.36
-15.0B	11.962	-168.27	30.94	-16.18	-9.11	7.75
-16.0	11.634	-179.31	33.08	-13.17	-9.26	7.04
-17.0	11.287	-190.99	34.65	-9.48	-9.41	6.23
-18.0	10.923	-203.42	36.80	-4.70	-9.56	5.29
-19.0	10.532	-216.74	39.68	1.66	-9.65	4.21
-20.0C	10.116	-231.15	41.01	9.84	-9.67	2.97
-21.0C	9.715	-246.81	36.02	18.96	-9.59	1.57
-22.0D	9.412	-263.67	21.70	26.46	-9.41	0.06
-23.0D	9.293	-281.31	1.03	29.27	-9.17	-1.51
-24.0D	9.393	-298.95	-20.16	26.03	-8.88	-3.07
-25.0D	9.691	-315.82	-37.34	17.97	-8.55	-4.56
-26.0D	10.133	-331.41	-47.82	7.93	-8.23	-5.92
-27.0D	10.643	-345.57	-50.60	-1.37	-7.91	-7.12
-28.0C	11.145	-358.44	-46.72	-8.51	-7.61	-8.14
-29.0C	11.584	-370.26	-38.69	-13.43	-7.31	-8.98
-30.C	11.931	-381.33	-28.86	-16.65	-7.01	-9.65

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	20.00	0.0	10.00
-1.0	10.209	-15.52	-25.41	15.48	-1.35	10.12
-2.0	10.511	-30.28	-33.20	9.58	-2.62	10.18
-3.0	10.878	-44.10	-38.26	3.26	-3.79	10.20
-4.0B	11.284	-56.97	-40.64	-2.74	-4.83	10.20
-5.0B	11.701	-68.91	-40.37	-7.99	-5.74	10.20
-6.0B	12.101	-80.03	-37.59	-12.35	-6.51	10.20
-7.0A	12.462	-90.47	-32.59	-15.86	-7.16	10.20
-8.0A	12.762	-100.36	-25.87	-18.59	-7.69	10.18
-9.0A	12.987	-109.86	-17.98	-20.58	-8.11	10.14
-10.0A	13.127	-119.10	-9.39	-21.77	-8.44	10.06
-11.0A	13.178	-128.21	-0.52	-22.11	-8.68	9.92
-12.0A	13.138	-137.32	8.26	-21.56	-8.86	9.70
-13.0A	13.011	-146.55	16.58	-20.20	-8.99	9.40
-14.0A	12.802	-156.04	23.98	-18.15	-9.10	9.01
-15.0B	12.525	-165.89	29.98	-15.56	-9.19	8.50
-16.0B	12.195	-176.24	34.16	-12.52	-9.30	7.89
-17.0B	11.833	-187.18	36.45	-9.01	-9.41	7.17
-18.0	11.455	-198.82	37.29	-4.90	-9.54	6.33
-19.0	11.073	-211.26	37.28	0.01	-9.68	5.38
-20.0	10.694	-224.57	36.59	5.88	-9.80	4.29
-21.0	10.330	-238.86	34.21	12.61	-9.87	3.07
-22.0C	10.008	-254.15	28.09	19.48	-9.86	1.72
-23.0C	9.774	-270.34	16.82	24.95	-9.77	0.27
-24.0D	9.678	-287.10	1.45	27.22	-9.60	-1.22
-25.0D	9.747	-303.89	-14.89	25.35	-9.36	-2.71
-26.0D	9.974	-320.17	-28.85	19.93	-9.08	-4.14
-27.0D	10.322	-335.52	-38.24	12.64	-8.76	-5.46
-28.0C	10.738	-349.77	-42.40	5.28	-8.43	-6.65
-29.0C	11.173	-362.92	-41.98	-1.06	-8.10	-7.69
-30.0C	11.586	-375.12	-38.38	-6.05	-7.78	-8.58

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	20.00	0.0	10.00
-1.0	10.210	-15.52	-25.65	15.43	-1.35	10.12
-2.0	10.516	-30.26	-33.76	9.41	-2.62	10.18
-3.0	10.891	-44.06	-39.23	2.94	-3.78	10.21
-4.0B	11.309	-56.87	-41.99	-3.24	-4.82	10.23
-5.0B	11.741	-68.74	-41.92	-8.65	-5.73	10.25
-6.0B	12.157	-79.76	-39.01	-13.13	-6.50	10.28
-7.0A	12.530	-90.08	-33.57	-16.69	-7.13	10.30
-8.0A	12.837	-99.86	-26.21	-19.44	-7.65	10.31
-9.0A	13.062	-109.24	-17.58	-21.38	-8.05	10.29
-10.0A	13.194	-118.37	-8.28	-22.46	-8.35	10.21
-11.0A	13.230	-127.40	1.26	-22.59	-8.57	10.08
-12.0A	13.169	-136.46	10.61	-21.78	-8.73	9.86
-13.0A	13.015	-145.67	19.35	-20.12	-8.85	9.54
-14.0A	12.778	-155.17	26.90	-17.77	-8.94	9.12
-15.0B	12.471	-165.10	32.66	-14.91	-9.04	8.59
-16.0B	12.117	-175.56	36.17	-11.64	-9.14	7.95
-17.0	11.739	-186.67	37.54	-7.94	-9.27	7.20
-18.0	11.354	-198.51	37.53	-3.64	-9.43	6.33
-19.0	10.973	-211.17	37.05	1.48	-9.58	5.34
-20.0	10.597	-224.74	36.21	7.60	-9.72	4.22
-21.0C	10.238	-239.29	33.57	14.59	-9.80	2.96
-22.0C	9.926	-254.86	26.58	21.51	-9.80	1.58
-23.0D	9.714	-271.30	13.87	26.57	-9.71	0.11
-24.0D	9.656	-288.21	-2.81	27.89	-9.55	-1.40
-25.0D	9.772	-305.01	-19.66	24.82	-9.33	-2.90
-26.0D	10.046	-321.13	-33.17	18.40	-9.07	-4.32
-27.0C	10.432	-336.21	-41.31	10.63	-8.79	-5.62
-28.0C	10.872	-350.13	-43.79	3.30	-8.49	-6.79
-29.0C	11.312	-362.97	-41.75	-2.69	-8.20	-7.80
-30.C	11.716	-374.89	-36.92	-7.26	-7.90	-8.65

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	20.00	0.0	10.00
-1.0	10.211	-15.52	-25.90	15.38	-1.35	10.12
-2.0	10.521	-30.25	-34.33	9.25	-2.62	10.19
-3.0	10.905	-44.02	-40.21	2.61	-3.78	10.23
-4.0B	11.334	-56.78	-43.35	-3.75	-4.82	10.26
-5.0B	11.781	-68.57	-43.45	-9.31	-5.71	10.30
-6.0B	12.212	-79.49	-40.34	-13.88	-6.48	10.35
-7.0A	12.596	-89.71	-34.38	-17.49	-7.10	10.40
-8.0A	12.908	-99.37	-26.31	-20.22	-7.60	10.43
-9.0A	13.130	-108.64	-16.93	-22.09	-7.98	10.42
-10.0A	13.252	-117.69	-6.91	-23.02	-8.26	10.36
-11.0A	13.271	-126.65	3.26	-22.93	-8.47	10.22
-12.0A	13.187	-135.67	13.15	-21.83	-8.61	9.99
-13.0A	13.005	-144.88	22.24	-19.85	-8.71	9.66
-14.0A	12.737	-154.44	29.84	-17.20	-8.80	9.21
-15.0B	12.402	-164.46	35.19	-14.08	-8.89	8.65
-16.0B	12.026	-175.06	37.85	-10.60	-9.01	7.97
-17.0	11.636	-186.36	38.20	-6.72	-9.15	7.18
-18.0	11.249	-198.42	37.42	-2.24	-9.33	6.28
-19.0	10.870	-211.33	36.63	3.10	-9.51	5.27
-20.0	10.500	-225.15	35.73	9.49	-9.66	4.11
-21.0C	10.146	-239.99	32.71	16.70	-9.75	2.82
-22.0C	9.848	-255.84	24.56	23.55	-9.75	1.40
-23.0D	9.666	-272.52	10.23	27.99	-9.67	-0.10
-24.0D	9.651	-289.53	-7.61	28.16	-9.51	-1.62
-25.0D	9.818	-306.27	-24.62	23.82	-9.31	-3.12
-26.0D	10.140	-322.17	-37.23	16.52	-9.07	-4.52
-27.0C	10.559	-336.93	-43.72	8.49	-8.82	-5.80
-28.0C	11.014	-350.52	-44.32	1.40	-8.56	-6.93
-29.0C	11.451	-363.05	-40.72	-4.13	-8.29	-7.90
-30.0	11.839	-374.72	-34.87	-8.25	-8.01	-8.71

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	20.00	0.0	10.00
-1.0	10.212	-15.52	-26.15	15.33	-1.35	10.12
-2.0	10.527	-30.24	-34.91	9.09	-2.62	10.20
-3.0	10.918	-43.98	-41.20	2.29	-3.78	10.24
-4.0B	11.360	-56.69	-44.73	-4.25	-4.81	10.29
-5.0B	11.822	-68.40	-44.94	-9.96	-5.70	10.35
-6.0B	12.267	-79.23	-41.56	-14.61	-6.46	10.43
-7.0A	12.661	-89.33	-35.00	-18.23	-7.07	10.50
-8.0A	12.975	-98.89	-26.18	-20.94	-7.55	10.55
-9.0A	13.192	-108.07	-16.05	-22.72	-7.92	10.55
-10.0A	13.302	-117.04	-5.34	-23.48	-8.18	10.49
-11.0A	13.301	-125.95	5.44	-23.14	-8.36	10.35
-12.0A	13.192	-134.95	15.82	-21.73	-8.48	10.10
-13.0A	12.981	-144.19	25.19	-19.43	-8.58	9.74
-14.0A	12.683	-153.81	32.71	-16.48	-8.66	9.27
-15.0B	12.321	-163.94	37.48	-13.13	-8.76	8.67
-16.0B	11.927	-174.72	39.13	-9.46	-8.88	7.96
-17.0	11.529	-186.22	38.44	-5.41	-9.05	7.14
-18.0	11.143	-198.52	37.03	-0.76	-9.25	6.21
-19.0	10.770	-211.67	36.11	4.80	-9.45	5.16
-20.0	10.404	-225.76	35.21	11.46	-9.62	3.97
-21.0C	10.058	-240.88	31.64	18.85	-9.70	2.64
-22.0C	9.778	-257.01	22.05	25.51	-9.70	1.19
-23.0D	9.630	-273.89	6.05	29.11	-9.62	-0.33
-24.0D	9.664	-290.96	-12.72	28.00	-9.48	-1.86
-25.0D	9.883	-307.57	-29.48	22.44	-9.30	-3.35
-26.0D	10.248	-323.20	-40.80	14.46	-9.09	-4.74
-27.0C	10.694	-337.63	-45.35	6.40	-8.86	-5.99
-28.0C	11.156	-350.88	-44.05	-0.30	-8.62	-7.08
-29.0C	11.583	-363.13	-39.06	-5.33	-8.37	-8.01
-30.0	11.949	-374.58	-32.44	-9.00	-8.11	-8.78

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	25.00	0.0	10.00
-1.0	10.223	-15.79	-28.06	20.09	-1.40	10.13
-2.0	10.564	-30.73	-38.09	13.36	-2.72	10.21
-3.0	10.990	-44.61	-44.84	6.10	-3.92	10.27
-4.0B	11.469	-57.36	-48.24	-0.74	-4.98	10.33
-5.0B	11.966	-69.07	-48.27	-6.64	-5.89	10.41
-6.0A	12.446	-79.84	-45.12	-11.54	-6.66	10.51
-7.0A	12.880	-89.85	-39.40	-15.63	-7.29	10.62
-8.0A	13.246	-99.26	-31.90	-19.08	-7.78	10.72
-9.0A	13.529	-108.22	-23.30	-21.89	-8.15	10.80
-10.0	13.720	-116.88	-14.10	-23.89	-8.40	10.84
-11.0	13.816	-125.37	-4.60	-24.85	-8.57	10.83
-12.0	13.814	-133.81	4.95	-24.64	-8.67	10.75
-13.0	13.715	-142.32	14.34	-23.24	-8.72	10.59
-14.0A	13.522	-151.03	23.29	-20.81	-8.74	10.32
-15.0A	13.242	-160.05	31.39	-17.62	-8.76	9.93
-16.0A	12.885	-169.53	38.04	-13.91	-8.78	9.43
-17.0B	12.471	-179.60	42.48	-9.85	-8.84	8.80
-18.0B	12.026	-190.39	44.17	-5.44	-8.94	8.05
-19.0	11.577	-202.02	43.31	-0.55	-9.09	7.17
-20.0	11.146	-214.55	40.75	4.96	-9.28	6.18
-21.0	10.747	-228.04	37.08	11.15	-9.48	5.06
-22.0	10.393	-242.53	31.79	17.73	-9.67	3.81
-23.0C	10.107	-257.95	23.39	23.84	-9.81	2.44
-24.0C	9.928	-274.12	11.00	28.05	-9.88	0.99
-25.0C	9.892	-290.66	-4.18	28.97	-9.88	-0.50
-26.0C	10.013	-307.05	-19.29	26.17	-9.82	-1.98
-27.0C	10.276	-322.83	-31.49	20.56	-9.70	-3.39
-28.0C	10.642	-337.67	-39.18	13.75	-9.55	-4.69
-29.0C	11.062	-351.45	-42.33	7.15	-9.38	-5.87
-30.0	11.496	-364.21	-42.00	1.44	-9.19	-6.90

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	25.00	0.0	10.00
-1.0	10.224	-15.79	-28.31	20.04	-1.40	10.13
-2.0	10.569	-30.72	-38.67	13.20	-2.72	10.21
-3.0	11.004	-44.56	-45.84	5.77	-3.91	10.28
-4.0B	11.495	-57.27	-49.60	-1.23	-4.97	10.36
-5.0B	12.006	-68.90	-49.68	-7.26	-5.88	10.47
-6.0A	12.499	-79.58	-46.19	-12.23	-6.65	10.59
-7.0A	12.941	-89.49	-39.85	-16.35	-7.26	10.71
-8.0A	13.308	-98.81	-31.64	-19.79	-7.73	10.83
-9.0	13.585	-107.69	-22.38	-22.53	-8.08	10.92
-10.0	13.764	-116.29	-12.59	-24.37	-8.32	10.97
-11.0	13.841	-124.74	-2.61	-25.09	-8.47	10.95
-12.0	13.817	-133.16	7.38	-24.55	-8.55	10.85
-13.0	13.691	-141.69	17.14	-22.78	-8.59	10.66
-14.0A	13.468	-150.46	26.39	-19.98	-8.60	10.36
-15.0A	13.155	-159.59	34.58	-16.46	-8.62	9.94
-16.0A	12.767	-169.23	40.91	-12.47	-8.65	9.39
-17.0B	12.328	-179.53	44.43	-8.18	-8.72	8.71
-18.0B	11.869	-190.60	44.74	-3.56	-8.85	7.91
-19.0	11.422	-202.55	42.54	1.52	-9.03	6.99
-20.0	11.003	-215.42	39.12	7.20	-9.25	5.96
-21.0	10.623	-229.26	35.04	13.50	-9.48	4.80
-22.0	10.292	-244.07	29.31	20.05	-9.67	3.51
-23.0C	10.036	-259.78	20.09	25.81	-9.81	2.11
-24.0C	9.896	-276.14	6.73	29.22	-9.87	0.64
-25.0C	9.906	-292.74	-8.96	29.01	-9.87	-0.86
-26.0C	10.076	-309.03	-23.70	25.17	-9.80	-2.33
-27.0C	10.378	-324.57	-34.73	18.94	-9.69	-3.72
-28.0C	10.769	-339.11	-40.82	12.04	-9.54	-4.99
-29.0C	11.198	-352.59	-42.43	5.70	-9.37	-6.13
-30.0	11.626	-365.08	-40.95	0.39	-9.19	-7.12

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	25.00	0.0	10.00
-1.0	10.225	-15.79	-28.56	19.99	-1.40	10.13
-2.0	10.574	-30.70	-39.26	13.03	-2.72	10.22
-3.0	11.018	-44.52	-46.86	5.44	-3.91	10.30
-4.0B	11.521	-57.18	-50.95	-1.73	-4.97	10.40
-5.0B	12.046	-68.73	-51.04	-7.88	-5.87	10.52
-6.0A	12.551	-79.33	-47.15	-12.90	-6.63	10.66
-7.0A	13.000	-89.14	-40.15	-17.03	-7.23	10.81
-8.0A	13.366	-98.37	-31.22	-20.44	-7.68	10.94
-9.0	13.635	-107.18	-21.32	-23.10	-8.01	11.03
-10.0	13.801	-115.72	-11.00	-24.77	-8.23	11.08
-11.0	13.860	-124.14	-0.57	-25.23	-8.37	11.05
-12.0	13.812	-132.57	9.81	-24.35	-8.44	10.94
-13.0	13.660	-141.12	19.93	-22.22	-8.46	10.72
-14.0A	13.407	-149.96	29.44	-19.07	-8.48	10.39
-15.0A	13.062	-159.21	37.65	-15.24	-8.49	9.93
-16.0A	12.645	-169.03	43.46	-11.00	-8.54	9.33
-17.0B	12.185	-179.56	45.83	-6.50	-8.63	8.60
-18.0B	11.720	-190.92	44.67	-1.71	-8.78	7.76
-19.0	11.279	-203.17	41.31	3.52	-8.99	6.81
-20.0	10.876	-216.37	37.35	9.34	-9.24	5.74
-21.0	10.516	-230.53	33.07	15.72	-9.48	4.54
-22.0C	10.206	-245.64	26.92	22.18	-9.69	3.22
-23.0C	9.979	-261.59	16.82	27.51	-9.82	1.79
-24.0C	9.877	-278.11	2.53	30.06	-9.87	0.30
-25.0C	9.933	-294.71	-13.47	28.78	-9.86	-1.20
-26.0C	10.146	-310.87	-27.62	24.02	-9.79	-2.66
-27.0C	10.483	-326.17	-37.32	17.37	-9.68	-4.03
-28.0C	10.892	-340.42	-41.81	10.52	-9.53	-5.27
-29.0C	11.323	-353.62	-42.01	4.52	-9.36	-6.37
-30.0	11.742	-365.88	-39.62	-0.41	-9.18	-7.32

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	25.00	0.0	10.00
-1.0	10.226	-15.79	-28.81	19.93	-1.40	10.13
-2.0	10.580	-30.69	-39.86	12.87	-2.72	10.23
-3.0	11.031	-44.48	-47.89	5.11	-3.91	10.32
-4.0B	11.547	-57.08	-52.31	-2.22	-4.96	10.43
-5.0B	12.086	-68.57	-52.35	-8.48	-5.86	10.57
-6.0A	12.603	-79.07	-47.99	-13.55	-6.61	10.73
-7.0A	13.056	-88.80	-40.28	-17.68	-7.19	10.90
-8.0A	13.420	-97.95	-30.65	-21.05	-7.63	11.04
-9.0	13.680	-106.69	-20.15	-23.60	-7.94	11.14
-10.0	13.831	-115.19	-9.36	-25.09	-8.15	11.18
-11.0	13.872	-123.59	1.49	-25.27	-8.26	11.14
-12.0	13.801	-132.01	12.25	-24.06	-8.32	11.01
-13.0	13.622	-140.61	22.71	-21.58	-8.34	10.77
-14.0A	13.339	-149.52	32.45	-18.09	-8.35	10.40
-15.0A	12.964	-158.90	40.55	-13.97	-8.37	9.90
-16.0B	12.520	-168.91	45.65	-9.51	-8.43	9.25
-17.0B	12.044	-179.68	46.67	-4.84	-8.55	8.49
-18.0	11.578	-191.32	44.05	0.09	-8.73	7.61
-19.0	11.149	-203.88	39.78	5.45	-8.97	6.62
-20.0	10.764	-217.38	35.56	11.37	-9.24	5.52
-21.0	10.422	-231.83	31.21	17.80	-9.50	4.29
-22.0C	10.133	-247.21	24.60	24.13	-9.70	2.93
-23.0C	9.934	-263.38	13.56	28.96	-9.82	1.48
-24.0C	9.870	-280.01	-1.57	30.62	-9.87	-0.03
-25.0C	9.969	-296.58	-17.69	28.31	-9.85	-1.53
-26.0C	10.222	-312.58	-31.05	22.81	-9.78	-2.97
-27.0C	10.587	-327.64	-39.32	15.89	-9.67	-4.32
-28.0C	11.008	-341.62	-42.25	9.21	-9.52	-5.53
-29.0C	11.438	-354.58	-41.22	3.57	-9.35	-6.59
-30.0	11.844	-366.64	-38.10	-1.00	-9.16	-7.51

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	30.00	0.0	10.00
-1.0	10.237	-16.07	-30.76	24.69	-1.45	10.13
-2.0	10.617	-31.18	-43.03	17.11	-2.81	10.24
-3.0	11.103	-45.10	-51.40	8.91	-4.05	10.34
-4.0B	11.655	-57.75	-55.69	1.30	-5.13	10.47
-5.0B	12.228	-69.23	-55.85	-5.21	-6.05	10.62
-6.0A	12.784	-79.69	-52.34	-10.74	-6.82	10.82
-7.0A	13.290	-89.31	-46.18	-15.71	-7.42	11.03
-8.0	13.723	-98.28	-38.40	-20.42	-7.87	11.24
-9.0	14.072	-106.76	-29.73	-24.81	-8.18	11.45
-10.0	14.330	-114.89	-20.50	-28.53	-8.38	11.63
-11.0	14.490	-122.78	-10.89	-31.09	-8.47	11.76
-12.0	14.552	-130.56	-1.09	-32.11	-8.48	11.83
-13.0	14.513	-138.33	8.71	-31.38	-8.43	11.82
-14.0	14.374	-146.19	18.32	-28.99	-8.34	11.71
-15.0	14.139	-154.27	27.54	-25.28	-8.23	11.49
-16.0	13.813	-162.68	36.20	-20.69	-8.14	11.16
-17.0A	13.402	-171.57	43.93	-15.65	-8.08	10.69
-18.0A	12.920	-181.08	49.95	-10.42	-8.08	10.09
-19.0B	12.390	-191.37	53.12	-5.03	-8.14	9.34
-20.0B	11.846	-202.60	52.63	0.72	-8.29	8.47
-21.0	11.325	-214.88	48.88	7.05	-8.52	7.47
-22.0	10.853	-228.28	43.04	14.05	-8.81	6.34
-23.0	10.450	-242.81	35.42	21.37	-9.13	5.09
-24.0C	10.139	-258.38	24.89	28.05	-9.43	3.71
-25.0C	9.954	-274.75	10.56	32.47	-9.70	2.24
-26.0C	9.932	-291.48	-6.35	33.15	-9.91	0.73
-27.0C	10.082	-308.00	-22.74	29.77	-10.05	-0.78
-28.0C	10.385	-323.80	-35.64	23.49	-10.15	-2.21
-29.0C	10.795	-338.56	-43.67	16.14	-10.20	-3.54
-30.0	11.263	-352.16	-47.26	9.11	-10.22	-4.73

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	30.00	0.0	10.00
-1.0	10.238	-16.07	-31.01	24.63	-1.45	10.13
-2.0	10.623	-31.17	-43.63	16.94	-2.81	10.24
-3.0B	11.117	-45.06	-52.43	8.58	-4.04	10.36
-4.0B	11.681	-57.66	-57.02	0.81	-5.12	10.50
-5.0B	12.268	-69.07	-57.07	-5.79	-6.04	10.68
-6.0A	12.834	-79.44	-53.05	-11.37	-6.80	10.89
-7.0A	13.343	-88.98	-46.20	-16.36	-7.39	11.11
-8.0	13.774	-97.88	-37.81	-21.06	-7.82	11.34
-9.0	14.114	-106.30	-28.67	-25.39	-8.12	11.55
-10.0	14.359	-114.39	-19.14	-28.97	-8.29	11.72
-11.0	14.505	-122.26	-9.37	-31.31	-8.37	11.85
-12.0	14.550	-130.03	0.51	-32.04	-8.37	11.90
-13.0	14.495	-137.81	10.36	-31.01	-8.31	11.88
-14.0	14.339	-145.71	20.03	-28.35	-8.22	11.75
-15.0	14.086	-153.84	29.39	-24.40	-8.12	11.51
-16.0	13.739	-162.34	38.26	-19.60	-8.03	11.15
-17.0A	13.307	-171.34	46.14	-14.38	-7.98	10.65
-18.0A	12.803	-181.02	51.95	-8.99	-7.99	10.00
-19.0B	12.256	-191.53	54.24	-3.42	-8.08	9.22
-20.0B	11.708	-203.03	52.35	2.50	-8.25	8.30
-21.0	11.196	-215.61	47.34	8.98	-8.51	7.27
-22.0	10.744	-229.31	40.83	16.04	-8.83	6.12
-23.0	10.366	-244.11	32.88	23.29	-9.17	4.84
-24.0C	10.082	-259.92	21.95	29.64	-9.48	3.44
-25.0C	9.930	-276.44	7.12	33.41	-9.74	1.95
-26.0C	9.944	-293.22	-9.96	33.24	-9.94	0.43
-27.0C	10.130	-309.67	-25.91	29.11	-10.07	-1.07
-28.0C	10.460	-325.30	-37.80	22.45	-10.16	-2.50
-29.0C	10.886	-339.85	-44.58	15.11	-10.20	-3.80
-30.0	11.357	-353.25	-47.09	8.33	-10.21	-4.97

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	30.00	0.0	10.00
-1.0	10.239	-16.06	-31.26	24.58	-1.45	10.14
-2.0	10.628	-31.16	-44.23	16.77	-2.81	10.25
-3.0B	11.131	-45.01	-53.47	8.25	-4.04	10.37
-4.0B	11.707	-57.57	-58.33	0.33	-5.12	10.53
-5.0A	12.307	-68.90	-58.23	-6.37	-6.03	10.73
-6.0A	12.883	-79.19	-53.65	-11.97	-6.78	10.96
-7.0A	13.394	-88.66	-46.11	-16.97	-7.35	11.20
-8.0	13.821	-97.49	-37.13	-21.67	-7.77	11.43
-9.0	14.152	-105.86	-27.58	-25.92	-8.05	11.64
-10.0	14.384	-113.92	-17.81	-29.35	-8.21	11.81
-11.0	14.516	-121.77	-7.92	-31.46	-8.27	11.93
-12.0	14.546	-129.54	2.02	-31.92	-8.26	11.97
-13.0	14.475	-137.33	11.91	-30.62	-8.20	11.93
-14.0	14.303	-145.27	21.66	-27.70	-8.11	11.78
-15.0	14.032	-153.45	31.20	-23.53	-8.01	11.52
-16.0	13.666	-162.03	40.30	-18.54	-7.93	11.13
-17.0A	13.212	-171.16	48.31	-13.14	-7.89	10.60
-18.0A	12.687	-181.00	53.77	-7.57	-7.92	9.91
-19.0B	12.127	-191.74	54.98	-1.84	-8.03	9.09
-20.0	11.578	-203.50	51.64	4.23	-8.23	8.15
-21.0	11.079	-216.36	45.59	10.81	-8.52	7.09
-22.0	10.648	-230.34	38.67	17.90	-8.86	5.91
-23.0	10.292	-245.40	30.53	25.05	-9.21	4.60
-24.0C	10.035	-261.41	19.21	31.05	-9.52	3.17
-25.0C	9.913	-278.06	3.90	34.19	-9.77	1.67
-26.0C	9.961	-294.86	-13.31	33.22	-9.96	0.14
-27.0C	10.179	-311.22	-28.74	28.43	-10.09	-1.35
-28.0C	10.533	-326.69	-39.57	21.49	-10.17	-2.76
-29.0C	10.971	-341.05	-45.15	14.23	-10.20	-4.05
-30.0	11.443	-354.27	-46.72	7.70	-10.20	-5.19

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-15.00	30.00	0.0	10.00
-1.0	10.240	-16.06	-31.51	24.53	-1.45	10.14
-2.0	10.634	-31.14	-44.84	16.60	-2.81	10.26
-3.0B	11.145	-44.97	-54.52	7.92	-4.04	10.39
-4.0B	11.733	-57.47	-59.63	-0.15	-5.11	10.56
-5.0A	12.346	-68.74	-59.32	-6.92	-6.02	10.78
-6.0A	12.930	-78.95	-54.15	-12.55	-6.75	11.03
-7.0A	13.443	-88.35	-45.92	-17.56	-7.32	11.28
-8.0	13.865	-97.12	-36.39	-22.23	-7.72	11.52
-9.0	14.186	-105.44	-26.48	-26.41	-7.98	11.73
-10.0	14.406	-113.46	-16.51	-29.67	-8.13	11.89
-11.0	14.524	-121.30	-6.52	-31.57	-8.18	12.00
-12.0	14.540	-129.07	3.45	-31.77	-8.16	12.03
-13.0	14.454	-136.88	13.38	-30.21	-8.09	11.98
-14.0	14.266	-144.85	23.24	-27.05	-8.00	11.81
-15.0	13.979	-153.09	32.97	-22.66	-7.90	11.53
-16.0	13.593	-161.76	42.34	-17.49	-7.83	11.11
-17.0A	13.117	-171.01	50.43	-11.91	-7.81	10.54
-18.0A	12.572	-181.03	55.38	-6.19	-7.85	9.82
-19.0B	12.002	-191.98	55.33	-0.31	-7.98	8.96
-20.0	11.457	-204.00	50.58	5.88	-8.21	7.99
-21.0	10.974	-217.13	43.72	12.54	-8.53	6.90
-22.0	10.563	-231.37	36.61	19.64	-8.89	5.70
-23.0	10.229	-246.65	28.37	26.67	-9.25	4.37
-24.0C	9.995	-262.85	16.65	32.32	-9.56	2.92
-25.0C	9.903	-279.61	0.86	34.82	-9.80	1.40
-26.0C	9.982	-296.41	-16.41	33.10	-9.98	-0.13
-27.0C	10.230	-312.68	-31.26	27.75	-10.10	-1.62
-28.0C	10.604	-327.99	-41.03	20.61	-10.17	-3.01
-29.0C	11.051	-342.17	-45.46	13.47	-10.19	-4.28
-30.0	11.521	-355.23	-46.19	7.19	-10.18	-5.39

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-30.00	0.0	10.00
-1.0	10.032	-12.82	3.75	-30.64	-0.86	10.00
-2.0	9.922	-25.73	17.90	-28.77	-1.71	9.77
-3.0	9.666	-39.13	32.13	-23.89	-2.57	9.32
-4.0C	9.269	-53.50	44.95	-15.10	-3.45	8.60
-5.0C	8.767	-69.36	51.64	-1.96	-4.36	7.61
-6.0D	8.255	-87.22	46.23	13.86	-5.28	6.35
-7.0	7.861	-107.17	29.35	28.05	-6.18	4.86
-8.0	7.675	-128.65	6.57	35.64	-6.98	3.20
-9.0	7.728	-150.51	-16.63	33.65	-7.59	1.43
-10.0	7.996	-171.48	-34.47	23.37	-7.99	-0.33
-11.0	8.404	-190.75	-43.92	9.23	-8.16	-2.00
-12.0	8.868	-208.09	-45.73	-4.68	-8.15	-3.49
-13.0	9.320	-223.71	-41.85	-16.21	-8.00	-4.78
-14.0D	9.710	-237.94	-33.75	-24.70	-7.73	-5.87
-15.0D	10.000	-251.19	-22.62	-30.23	-7.37	-6.76
-16.0D	10.167	-263.82	-9.67	-33.18	-6.90	-7.47
-17.0D	10.196	-276.19	3.92	-33.87	-6.32	-8.00
-18.0D	10.088	-288.65	17.17	-32.41	-5.60	-8.39
-19.0	9.848	-301.54	29.45	-28.58	-4.74	-8.63
-20.0	9.489	-315.22	40.66	-21.72	-3.71	-8.74
-21.0	9.021	-330.16	50.50	-10.73	-2.48	-8.67
-22.0E	8.473	-346.92	54.96	5.12	-1.05	-8.41
-23.0F	7.946	-366.02	45.36	23.39	0.56	-7.93
-24.0	7.599	-387.37	20.45	37.00	2.29	-7.25
-25.0	7.547	-409.85	-10.13	39.07	4.01	-6.39
-26.0	7.791	-431.75	-36.28	28.76	5.61	-5.40
-27.0	8.253	-451.72	-52.17	11.47	7.01	-4.36
-28.0F	8.819	-469.29	-56.65	-6.20	8.17	-3.33
-29.0F	9.377	-484.71	-50.99	-20.18	9.07	-2.38
-30.0E	9.837	-498.52	-38.06	-29.36	9.72	-1.50

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-30.00	0.0	10.00
-1.0	10.034	-12.82	3.54	-30.68	-0.86	10.00
-2.0	9.926	-25.72	17.64	-28.87	-1.71	9.78
-3.0	9.671	-39.11	32.15	-24.00	-2.56	9.32
-4.0C	9.271	-53.46	45.60	-15.09	-3.45	8.61
-5.0C	8.760	-69.34	52.63	-1.65	-4.35	7.60
-6.0D	8.241	-87.26	46.43	14.41	-5.27	6.33
-7.0	7.850	-107.27	28.59	28.47	-6.18	4.84
-8.0	7.673	-128.79	5.74	35.73	-6.98	3.18
-9.0	7.732	-150.64	-16.89	33.56	-7.60	1.42
-10.0	8.000	-171.60	-34.11	23.38	-7.99	-0.35
-11.0	8.402	-190.87	-43.29	9.47	-8.16	-2.01
-12.0	8.861	-208.25	-45.36	-4.32	-8.14	-3.51
-13.0	9.312	-223.90	-42.11	-15.93	-7.98	-4.80
-14.0D	9.708	-238.15	-34.74	-24.64	-7.71	-5.90
-15.0D	10.012	-251.39	-24.19	-30.47	-7.35	-6.79
-16.0D	10.196	-263.96	-11.59	-33.74	-6.90	-7.50
-17.0D	10.246	-276.24	1.84	-34.77	-6.34	-8.05
-18.0D	10.159	-288.54	15.01	-33.74	-5.66	-8.44
-19.0	9.942	-301.20	27.22	-30.51	-4.84	-8.69
-20.0	9.605	-314.57	38.50	-24.50	-3.85	-8.80
-21.0	9.156	-329.08	49.23	-14.57	-2.68	-8.75
-22.0E	8.609	-345.30	56.66	0.53	-1.31	-8.51
-23.0F	8.042	-363.82	51.14	19.45	0.26	-8.04
-24.0	7.625	-384.81	27.90	35.48	1.97	-7.37
-25.0	7.499	-407.33	-3.41	40.68	3.70	-6.52
-26.0	7.685	-429.65	-31.85	32.60	5.34	-5.53
-27.0	8.117	-450.21	-50.80	15.78	6.78	-4.46
-28.0F	8.685	-468.34	-58.38	-2.88	7.99	-3.42
-29.0F	9.274	-484.15	-55.01	-18.39	8.95	-2.44
-30.0E	9.780	-498.15	-42.92	-28.87	9.66	-1.56

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-30.00	0.0	10.00
-1.0	10.035	-12.81	3.33	-30.73	-0.86	10.00
-2.0	9.929	-25.71	17.37	-28.97	-1.71	9.78
-3.0	9.677	-39.08	32.16	-24.11	-2.56	9.33
-4.0C	9.274	-53.42	46.23	-15.09	-3.44	8.61
-5.0C	8.753	-69.32	53.61	-1.35	-4.35	7.60
-6.0D	8.228	-87.29	46.62	14.93	-5.27	6.32
-7.0	7.841	-107.37	27.85	28.86	-6.18	4.83
-8.0	7.671	-128.91	4.97	35.81	-6.99	3.17
-9.0	7.736	-150.76	-17.09	33.48	-7.61	1.40
-10.0	8.002	-171.71	-33.70	23.42	-7.99	-0.36
-11.0	8.399	-190.99	-42.64	9.74	-8.15	-2.03
-12.0	8.852	-208.40	-44.95	-3.92	-8.12	-3.53
-13.0	9.302	-224.10	-42.33	-15.59	-7.95	-4.83
-14.0D	9.704	-238.38	-35.70	-24.53	-7.68	-5.93
-15.0D	10.021	-251.61	-25.76	-30.66	-7.33	-6.83
-16.0D	10.223	-264.14	-13.51	-34.24	-6.90	-7.55
-17.0D	10.293	-276.32	-0.21	-35.61	-6.36	-8.09
-18.0D	10.228	-288.47	12.92	-34.97	-5.71	-8.49
-19.0	10.032	-300.92	25.08	-32.27	-4.92	-8.74
-20.0	9.718	-314.01	36.27	-27.05	-3.98	-8.86
-21.0	9.291	-328.12	47.39	-18.20	-2.87	-8.84
-22.0E	8.752	-343.79	57.18	-4.12	-1.56	-8.61
-23.0F	8.157	-361.71	56.19	14.95	-0.03	-8.16
-24.0	7.673	-382.24	35.55	33.09	1.65	-7.49
-25.0	7.467	-404.68	4.00	41.56	3.38	-6.66
-26.0	7.587	-427.35	-26.36	36.27	5.04	-5.67
-27.0	7.977	-448.53	-48.20	20.51	6.53	-4.58
-28.0	8.535	-467.29	-59.04	1.21	7.78	-3.50
-29.0F	9.146	-483.58	-58.59	-15.85	8.80	-2.49
-30.0E	9.698	-497.87	-48.02	-27.86	9.57	-1.59

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-30.00	0.0	10.00
-1.0	10.036	-12.81	3.12	-30.77	-0.86	10.00
-2.0	9.933	-25.70	17.10	-29.07	-1.70	9.79
-3.0	9.682	-39.06	32.14	-24.23	-2.56	9.34
-4.0C	9.276	-53.39	46.85	-15.10	-3.44	8.62
-5.0C	8.747	-69.29	54.57	-1.07	-4.34	7.60
-6.0D	8.215	-87.31	46.79	15.42	-5.26	6.31
-7.0	7.831	-107.45	27.13	29.22	-6.18	4.81
-8.0	7.670	-129.02	4.27	35.88	-6.99	3.15
-9.0	7.739	-150.86	-17.22	33.42	-7.61	1.39
-10.0	8.004	-171.80	-33.26	23.49	-7.99	-0.38
-11.0	8.394	-191.10	-41.96	10.06	-8.14	-2.04
-12.0	8.841	-208.56	-44.50	-3.46	-8.10	-3.54
-13.0	9.289	-224.31	-42.50	-15.19	-7.92	-4.85
-14.0D	9.697	-238.63	-36.63	-24.36	-7.65	-5.95
-15.0D	10.027	-251.86	-27.32	-30.79	-7.31	-6.86
-16.0D	10.247	-264.35	-15.44	-34.69	-6.89	-7.59
-17.0D	10.338	-276.44	-2.26	-36.37	-6.37	-8.14
-18.0D	10.293	-288.46	10.89	-36.09	-5.75	-8.54
-19.0D	10.119	-300.71	23.03	-33.87	-5.00	-8.80
-20.0	9.826	-313.53	34.08	-29.35	-4.10	-8.93
-21.0	9.421	-327.27	45.20	-21.55	-3.04	-8.92
-22.0	8.900	-342.43	56.57	-8.69	-1.79	-8.72
-23.0E	8.290	-359.73	60.15	10.03	-0.32	-8.28
-24.0F	7.743	-379.70	43.17	29.88	1.32	-7.63
-25.0	7.456	-401.94	11.91	41.60	3.05	-6.80
-26.0	7.500	-424.88	-19.94	39.53	4.74	-5.81
-27.0	7.838	-446.66	-44.41	25.46	6.27	-4.71
-28.0	8.373	-466.11	-58.43	6.00	7.56	-3.59
-29.0F	8.995	-482.99	-61.36	-12.50	8.63	-2.54
-30.0F	9.589	-497.66	-53.13	-26.22	9.45	-1.61

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-25.00	0.0	10.00
-1.0	10.044	-13.10	1.51	-25.85	-0.91	10.00
-2.0	9.968	-26.23	13.47	-24.56	-1.80	9.80
-3.0	9.768	-39.74	25.58	-20.77	-2.69	9.39
-4.0	9.447	-54.00	36.85	-13.87	-3.59	8.74
-5.0C	9.027	-69.46	44.14	-3.45	-4.50	7.82
-6.0D	8.576	-86.53	42.25	9.50	-5.41	6.66
-7.0	8.202	-105.35	29.35	21.69	-6.28	5.27
-8.0	7.998	-125.54	9.78	28.96	-7.08	3.72
-9.0	8.005	-146.22	-10.76	28.67	-7.73	2.07
-10.0	8.206	-166.35	-27.63	21.29	-8.20	0.39
-11.0	8.548	-185.19	-38.12	9.80	-8.46	-1.21
-12.0	8.963	-202.4C	-41.98	-2.46	-8.55	-2.69
-13.0	9.387	-218.04	-40.10	-13.23	-8.49	-4.00
-14.0D	9.767	-232.36	-33.60	-21.49	-8.32	-5.12
-15.0D	10.063	-245.70	-23.70	-27.06	-8.03	-6.06
-16.0D	10.245	-258.40	-11.71	-30.20	-7.63	-6.83
-17.0D	10.299	-270.80	1.10	-31.20	-7.11	-7.45
-18.0D	10.224	-283.22	13.61	-30.23	-6.46	-7.93
-19.0D	10.025	-295.96	24.95	-27.23	-5.66	-8.28
-20.0	9.719	-309.35	34.75	-21.87	-4.69	-8.51
-21.0	9.319	-323.75	43.15	-13.46	-3.55	-8.62
-22.0	8.843	-339.58	49.19	-1.15	-2.21	-8.56
-23.0E	8.339	-357.32	47.48	14.61	-0.67	-8.31
-24.0F	7.923	-377.19	31.43	29.59	1.01	-7.86
-25.0	7.735	-398.64	4.24	36.80	2.76	-7.23
-26.0	7.838	-420.30	-23.77	32.28	4.45	-6.45
-27.0	8.195	-440.69	-44.27	18.56	6.00	-5.58
-28.0F	8.706	-458.98	-53.65	1.78	7.34	-4.68
-29.0F	9.254	-475.12	-51.98	-12.88	8.44	-3.81
-30.0E	9.740	-489.53	-41.93	-23.24	9.27	-2.98

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-25.00	0.0	10.00
-1.0	10.045	-13.10	1.30	-25.90	-0.91	10.00
-2.0	9.971	-26.22	13.19	-24.66	-1.80	9.81
-3.0	9.774	-39.72	25.51	-20.90	-2.69	9.40
-4.0	9.451	-53.96	37.35	-13.92	-3.59	8.74
-5.0C	9.023	-69.43	45.20	-3.22	-4.49	7.82
-6.0D	8.561	-86.54	42.97	10.06	-5.40	6.65
-7.0	8.185	-105.44	28.91	22.30	-6.28	5.25
-8.0	7.991	-125.69	8.54	29.21	-7.08	3.70
-9.0	8.011	-146.37	-12.07	28.40	-7.74	2.05
-10.0	8.224	-166.44	-28.60	20.61	-8.22	0.38
-11.0	8.575	-185.17	-38.83	8.90	-8.49	-1.22
-12.0	8.997	-202.25	-42.70	-3.49	-8.59	-2.68
-13.0	9.429	-217.76	-40.97	-14.37	-8.55	-3.97
-14.0D	9.818	-231.93	-34.50	-22.71	-8.40	-5.08
-15.0D	10.122	-245.11	-24.38	-28.32	-8.14	-6.01
-16.0D	10.309	-257.64	-11.99	-31.45	-7.77	-6.77
-17.0D	10.364	-269.87	1.25	-32.43	-7.28	-7.38
-18.0D	10.285	-282.11	14.07	-31.46	-6.65	-7.85
-19.0D	10.081	-294.69	25.48	-28.51	-5.87	-8.20
-20.0	9.770	-307.92	35.13	-23.29	-4.93	-8.44
-21.0	9.367	-322.14	43.57	-15.07	-3.81	-8.56
-22.0	8.883	-337.79	50.54	-2.78	-2.49	-8.53
-23.0E	8.356	-355.37	50.48	13.55	-0.96	-8.30
-24.0F	7.906	-375.20	34.73	29.74	0.74	-7.87
-25.0	7.691	-396.78	6.11	38.04	2.51	-7.27
-26.0	7.785	-418.68	-23.74	33.79	4.24	-6.53
-27.0	8.149	-439.28	-45.88	19.48	5.83	-5.69
-28.0F	8.683	-457.68	-56.32	1.72	7.21	-4.83
-29.0F	9.260	-473.81	-54.70	-13.74	8.35	-4.00
-30.0E	9.770	-488.12	-43.77	-24.45	9.23	-3.21

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-25.00	0.0	10.00
-1.0	10.046	-13.09	1.09	-25.94	-0.91	10.01
-2.0	9.975	-26.21	12.90	-24.77	-1.80	9.81
-3.0	9.780	-39.69	25.43	-21.04	-2.69	9.40
-4.0	9.455	-53.92	37.83	-13.98	-3.58	8.75
-5.0C	9.019	-69.39	46.24	-3.01	-4.49	7.82
-6.0D	8.548	-86.55	43.66	10.59	-5.39	6.63
-7.0	8.170	-105.52	28.46	22.87	-6.27	5.24
-8.0	7.985	-125.82	7.34	29.42	-7.09	3.68
-9.0	8.018	-146.50	-13.30	28.11	-7.76	2.03
-10.0	8.242	-166.51	-29.55	19.94	-8.23	0.37
-11.0	8.601	-185.13	-39.59	8.01	-8.51	-1.21
-12.0	9.031	-202.09	-43.53	-4.54	-8.63	-2.67
-13.0D	9.473	-217.46	-41.95	-15.55	-8.61	-3.95
-14.0D	9.872	-231.47	-35.41	-23.97	-8.49	-5.04
-15.0D	10.183	-244.48	-24.92	-29.58	-8.26	-5.96
-16.0D	10.373	-256.85	-11.98	-32.65	-7.91	-6.71
-17.0D	10.425	-268.91	1.83	-33.54	-7.44	-7.30
-18.0D	10.338	-281.01	15.04	-32.48	-6.83	-7.76
-19.0D	10.124	-293.46	26.51	-29.48	-6.07	-8.10
-20.0	9.803	-306.57	35.89	-24.26	-5.14	-8.35
-21.0	9.394	-320.68	44.14	-16.10	-4.04	-8.48
-22.0	8.902	-336.22	51.68	-3.75	-2.72	-8.48
-23.0E	8.357	-353.72	52.79	13.11	-1.19	-8.27
-24.0F	7.882	-373.58	36.92	30.23	0.51	-7.87
-25.0	7.652	-395.31	6.77	39.13	2.31	-7.30
-26.0	7.747	-417.39	-24.60	34.73	4.07	-6.59
-27.0	8.127	-438.11	-47.87	19.65	5.70	-5.79
-28.0F	8.684	-456.51	-58.87	1.01	7.12	-4.98
-29.0F	9.286	-472.55	-56.81	-14.98	8.28	-4.20
-30.0E	9.812	-486.72	-44.69	-25.77	9.18	-3.45

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-25.00	0.0	10.00
-1.0	10.047	-13.09	0.88	-25.98	-0.91	10.01
-2.0	9.979	-26.20	12.61	-24.87	-1.80	9.82
-3.0	9.786	-39.66	25.33	-21.18	-2.69	9.41
-4.0	9.460	-53.88	38.28	-14.05	-3.58	8.76
-5.0C	9.016	-69.34	47.27	-2.83	-4.48	7.82
-6.0D	8.534	-86.55	44.34	11.09	-5.38	6.62
-7.0	8.156	-105.59	28.01	23.40	-6.27	5.22
-8.0	7.980	-125.94	6.20	29.60	-7.09	3.66
-9.0	8.025	-146.61	-14.48	27.81	-7.77	2.02
-10.0	8.260	-166.56	-30.48	19.28	-8.25	0.37
-11.0	8.627	-185.08	-40.40	7.11	-8.54	-1.21
-12.0	9.066	-201.92	-44.46	-5.61	-8.67	-2.65
-13.0D	9.518	-217.13	-43.01	-16.77	-8.68	-3.92
-14.0D	9.928	-230.99	-36.30	-25.25	-8.58	-5.00
-15.0D	10.246	-243.83	-25.29	-30.82	-8.38	-5.90
-16.0D	10.436	-256.03	-11.64	-33.77	-8.06	-6.63
-17.0D	10.481	-267.95	2.84	-34.50	-7.61	-7.21
-18.0D	10.381	-279.93	16.49	-33.27	-7.01	-7.66
-19.0D	10.151	-292.28	27.99	-30.11	-6.25	-8.00
-20.0	9.817	-305.33	36.99	-24.79	-5.33	-8.24
-21.0	9.399	-319.39	44.87	-16.55	-4.23	-8.39
-22.0	8.899	-334.90	52.73	-4.01	-2.92	-8.41
-23.0E	8.340	-352.43	54.49	13.41	-1.38	-8.22
-24.0F	7.849	-372.39	37.85	31.20	0.35	-7.84
-25.0	7.619	-394.29	5.99	40.13	2.17	-7.30
-26.0	7.728	-416.49	-26.57	35.02	3.96	-6.64
-27.0	8.132	-437.22	-50.43	18.95	5.61	-5.89
-28.0F	8.715	-455.50	-61.34	-0.47	7.05	-5.12
-29.0E	9.338	-471.35	-58.19	-16.68	8.24	-4.39
-30.0E	9.869	-485.33	-44.52	-27.23	9.15	-3.70

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-20.00	0.0	10.00
-1.0	10.056	-13.38	-0.77	-21.08	-0.96	10.01
-2.0	10.014	-26.73	8.98	-20.39	-1.90	9.83
-3.0	9.871	-40.34	18.97	-17.70	-2.82	9.46
-4.0	9.627	-54.49	28.59	-12.61	-3.74	8.87
-5.0C	9.294	-69.55	35.96	-4.78	-4.65	8.05
-6.0C	8.912	-85.85	37.34	5.37	-5.53	6.99
-7.0D	8.562	-103.58	29.52	15.75	-6.38	5.71
-8.0	8.335	-122.55	13.96	23.00	-7.16	4.26
-9.0	8.286	-142.13	-4.38	24.45	-7.83	2.71
-10.0	8.418	-161.51	-20.83	19.71	-8.34	1.11
-11.0	8.695	-179.93	-32.41	10.63	-8.68	-0.44
-12.0	9.060	-197.02	-38.07	-0.01	-8.86	-1.90
-13.0D	9.454	-212.70	-38.01	-9.94	-8.89	-3.21
-14.0D	9.821	-227.13	-33.06	-17.88	-8.80	-4.36
-15.0D	10.118	-240.60	-24.44	-23.43	-8.59	-5.35
-16.0D	10.313	-253.41	-13.53	-26.71	-8.25	-6.18
-17.0D	10.391	-265.88	-1.62	-27.98	-7.79	-6.87
-18.0D	10.347	-278.30	10.13	-27.43	-7.20	-7.43
-19.0D	10.188	-290.96	20.72	-25.11	-6.46	-7.88
-20.0	9.929	-304.15	29.49	-20.89	-5.56	-8.23
-21.0	9.591	-318.14	36.37	-14.45	-4.50	-8.47
-22.0	9.191	-333.25	41.58	-5.27	-3.26	-8.59
-23.0E	8.751	-349.83	43.51	6.93	-1.84	-8.56
-24.0E	8.330	-368.18	36.93	20.62	-0.24	-8.33
-25.0F	8.038	-388.21	18.29	31.09	1.46	-7.91
-26.0F	7.980	-409.13	-7.31	33.01	3.18	-7.32
-27.0F	8.180	-429.65	-30.71	25.17	4.82	-6.61
-28.0F	8.579	-448.68	-45.51	11.40	6.29	-5.83
-29.0F	9.074	-465.79	-49.60	-2.97	7.56	-5.02
-30.0E	9.561	-481.10	-44.41	-14.45	8.58	-4.22

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-20.00	0.0	10.00
-1.0	10.057	-13.38	-0.98	-21.13	-0.96	10.01
-2.C	10.018	-26.72	8.68	-20.50	-1.89	9.84
-3.C	9.878	-40.31	18.82	-17.86	-2.82	9.47
-4.0	9.633	-54.45	28.91	-12.72	-3.73	8.88
-5.0C	9.293	-69.50	36.93	-4.67	-4.64	8.05
-6.0C	8.900	-85.83	38.49	5.85	-5.52	6.98
-7.0D	8.542	-103.63	29.81	16.49	-6.37	5.69
-8.0	8.318	-122.69	13.01	23.60	-7.16	4.23
-9.0	8.283	-142.33	-6.15	24.49	-7.84	2.68
-10.0	8.435	-161.66	-22.85	19.02	-8.36	1.09
-11.0	8.733	-179.97	-34.39	9.32	-8.72	-0.45
-12.0	9.118	-196.85	-39.88	-1.76	-8.92	-1.88
-13.0D	9.528	-212.29	-39.47	-11.90	-8.98	-3.17
-14.CD	9.907	-226.47	-33.88	-19.83	-8.93	-4.30
-15.0D	10.208	-239.68	-24.38	-25.23	-8.75	-5.26
-16.0D	10.398	-252.26	-12.52	-28.26	-8.45	-6.07
-17.0D	10.461	-264.53	0.21	-29.23	-8.01	-6.73
-18.0D	10.395	-276.79	12.51	-28.37	-7.43	-7.27
-19.0D	10.211	-289.36	23.22	-25.71	-6.69	-7.71
-20.0	9.928	-302.50	31.63	-21.17	-5.79	-8.06
-21.0	9.571	-316.51	37.98	-14.39	-4.73	-8.32
-22.0	9.156	-331.69	43.01	-4.78	-3.48	-8.47
-23.0E	8.700	-348.40	45.10	8.10	-2.04	-8.46
-24.0E	8.265	-366.98	37.78	22.55	-0.41	-8.26
-25.0F	7.976	-387.31	16.89	33.10	1.32	-7.87
-26.0F	7.944	-408.47	-10.87	33.94	3.08	-7.32
-27.0F	8.186	-429.04	-35.18	24.39	4.75	-6.67
-28.0F	8.629	-447.90	-49.50	9.23	6.25	-5.95
-29.0F	9.157	-464.71	-51.96	-5.65	7.53	-5.21
-30.0E	9.658	-479.69	-44.64	-16.92	8.56	-4.48

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-20.00	0.0	10.00
-1.0	10.058	-13.38	-1.19	-21.17	-0.96	10.01
-2.0	10.022	-26.71	8.37	-20.61	-1.89	9.84
-3.0	9.884	-40.28	18.64	-18.01	-2.82	9.47
-4.0	9.639	-54.40	29.20	-12.84	-3.73	8.89
-5.0C	9.293	-69.44	37.88	-4.59	-4.63	8.06
-6.0C	8.888	-85.80	39.62	6.30	-5.51	6.97
-7.0D	8.522	-103.68	30.08	17.20	-6.36	5.67
-8.0	8.302	-122.82	12.05	24.15	-7.16	4.21
-9.0	8.282	-142.50	-7.86	24.48	-7.85	2.65
-10.0	8.453	-161.80	-24.82	18.32	-8.38	1.08
-11.0	8.771	-179.97	-36.36	8.01	-8.76	-0.45
-12.0	9.175	-196.66	-41.72	-3.48	-8.98	-1.87
-13.0D	9.603	-211.87	-40.90	-13.81	-9.08	-3.13
-14.0D	9.993	-225.79	-34.52	-21.69	-9.05	-4.23
-15.0D	10.295	-238.76	-23.98	-26.86	-8.91	-5.16
-16.0C	10.475	-251.13	-11.06	-29.58	-8.63	-5.94
-17.0D	10.519	-263.23	2.55	-30.19	-8.20	-6.58
-18.0D	10.426	-275.39	15.37	-28.93	-7.63	-7.11
-19.0D	10.212	-287.91	26.05	-25.86	-6.88	-7.54
-20.0	9.903	-301.07	33.89	-20.89	-5.98	-7.89
-21.0	9.526	-315.17	39.52	-13.69	-4.90	-8.17
-22.0	9.097	-330.50	44.25	-3.54	-3.63	-8.34
-23.0E	8.630	-347.45	46.16	10.07	-2.16	-8.36
-24.0F	8.190	-366.34	37.31	25.04	-0.50	-8.17
-25.0F	7.919	-387.00	13.69	35.03	1.27	-7.82
-26.0F	7.931	-408.33	-15.88	34.07	3.05	-7.32
-27.0F	8.226	-428.80	-40.28	22.50	4.74	-6.72
-28.0F	8.715	-447.35	-53.16	6.17	6.25	-6.07
-29.0E	9.268	-463.76	-53.14	-8.75	7.53	-5.40
-30.0F	9.768	-478.37	-43.36	-19.35	8.55	-4.73

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-20.00	0.0	10.00
-1.0	10.059	-13.37	-1.41	-21.21	-0.96	10.01
-2.0	10.026	-26.70	8.06	-20.72	-1.89	9.85
-3.0	9.891	-40.26	18.45	-18.17	-2.81	9.48
-4.0	9.646	-54.35	29.45	-12.98	-3.72	8.90
-5.0C	9.294	-69.38	38.80	-4.53	-4.62	8.06
-6.0D	8.878	-85.77	40.73	6.72	-5.50	6.97
-7.0D	8.504	-103.71	30.32	17.86	-6.35	5.65
-8.0	8.288	-122.94	11.11	24.65	-7.15	4.19
-9.0	8.281	-142.65	-9.52	24.44	-7.85	2.63
-10.0	8.471	-161.90	-26.73	17.61	-8.40	1.06
-11.C	8.809	-179.95	-38.33	6.71	-8.80	-0.45
-12.0D	9.233	-196.45	-43.57	-5.18	-9.05	-1.84
-13.0D	9.677	-211.43	-42.25	-15.66	-9.17	-3.09
-14.0D	10.077	-225.11	-34.92	-23.43	-9.18	-4.16
-15.0C	10.377	-237.86	-23.20	-28.32	-9.06	-5.06
-16.0C	10.543	-250.03	-9.16	-30.67	-8.80	-5.81
-17.0C	10.562	-262.00	5.32	-30.86	-8.38	-6.43
-18.0D	10.439	-274.09	18.57	-29.15	-7.79	-6.94
-19.CD	10.192	-286.61	29.04	-25.59	-7.04	-7.37
-20.0	9.857	-299.87	36.07	-20.15	-6.11	-7.73
-21.0	9.462	-314.12	40.87	-12.45	-5.01	-8.02
-22.0	9.021	-329.67	45.28	-1.68	-3.72	-8.22
-23.0E	8.545	-346.93	46.68	12.69	-2.21	-8.25
-24.0F	8.110	-366.21	35.52	27.90	-0.52	-8.09
-25.0F	7.873	-387.19	8.91	36.67	1.29	-7.77
-26.0F	7.942	-408.60	-21.94	33.33	3.09	-7.31
-27.0F	8.297	-428.84	-45.61	19.65	4.79	-6.77
-28.0F	8.829	-446.96	-56.12	2.51	6.29	-6.19
-29.0E	9.397	-462.91	-52.96	-11.95	7.55	-5.59
-30.0E	9.882	-477.14	-40.67	-21.55	8.54	-4.97

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-15.00	0.0	10.00
-1.0	10.068	-13.66	-3.10	-16.33	-1.01	10.02
-2.0	10.061	-27.23	4.43	-16.27	-1.99	9.86
-3.0	9.976	-40.92	12.33	-14.68	-2.95	9.53
-4.0	9.809	-54.97	20.21	-11.32	-3.88	9.01
-5.0	9.566	-69.63	27.12	-5.91	-4.79	8.28
-6.0C	9.265	-85.19	30.88	1.47	-5.67	7.33
-7.0D	8.955	-101.83	28.49	9.83	-6.49	6.17
-8.0D	8.708	-119.56	18.72	17.00	-7.24	4.83
-9.0	8.589	-138.05	3.98	20.45	-7.90	3.38
-10.0	8.629	-156.69	-11.50	18.86	-8.43	1.85
-11.0	8.815	-174.82	-24.19	12.84	-8.81	0.34
-12.0	9.107	-191.97	-32.13	4.31	-9.04	-1.12
-13.0D	9.454	-207.92	-34.75	-4.58	-9.13	-2.46
-14.0D	9.801	-222.71	-32.43	-12.31	-9.09	-3.67
-15.0D	10.104	-236.53	-26.16	-18.14	-8.93	-4.72
-16.0D	10.327	-249.63	-17.21	-21.95	-8.65	-5.63
-17.0D	10.451	-262.29	-6.84	-23.90	-8.26	-6.41
-18.0D	10.466	-274.79	3.83	-24.17	-7.73	-7.06
-19.0D	10.375	-287.37	13.79	-22.89	-7.07	-7.60
-20.0D	10.189	-300.28	22.19	-20.08	-6.26	-8.04
-21.0	9.928	-313.77	28.53	-15.69	-5.31	-8.39
-22.0	9.612	-328.06	32.95	-9.54	-4.21	-8.64
-23.0	9.259	-343.37	35.75	-1.39	-2.95	-8.78
-24.0	8.890	-359.95	35.82	8.72	-1.53	-8.76
-25.0E	8.548	-377.94	29.69	19.46	0.03	-8.55
-26.0F	8.314	-397.23	14.72	27.47	1.67	-8.15
-27.0F	8.267	-417.19	-6.05	28.94	3.31	-7.58
-28.0F	8.433	-436.85	-25.71	22.88	4.88	-6.88
-29.0F	8.770	-455.34	-38.68	11.95	6.30	-6.10
-30.0E	9.194	-472.26	-42.85	0.13	7.53	-5.28

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-15.00	0.0	10.00
-1.0	10.069	-13.66	-3.31	-16.37	-1.01	10.02
-2.0	10.065	-27.22	4.11	-16.38	-1.99	9.87
-3.0	9.983	-40.89	12.08	-14.85	-2.95	9.54
-4.0	9.817	-54.92	20.32	-11.49	-3.88	9.02
-5.0	9.570	-69.56	27.84	-5.95	-4.79	8.29
-6.0C	9.258	-85.12	32.16	1.75	-5.66	7.33
-7.0D	8.935	-101.83	29.61	10.53	-6.48	6.16
-8.0D	8.682	-119.66	18.76	17.90	-7.23	4.81
-9.0	8.570	-138.26	2.70	21.09	-7.89	3.34
-10.0	8.628	-156.95	-13.71	18.84	-8.43	1.82
-11.0	8.839	-175.02	-26.83	11.99	-8.83	0.31
-12.0D	9.158	-192.01	-34.73	2.75	-9.09	-1.13
-13.0D	9.530	-207.73	-36.90	-6.58	-9.21	-2.45
-14.0D	9.895	-222.25	-33.73	-14.42	-9.21	-3.63
-15.0D	10.205	-235.78	-26.33	-20.12	-9.08	-4.65
-16.0C	10.424	-248.62	-16.19	-23.64	-8.84	-5.53
-17.0C	10.532	-261.06	-4.76	-25.22	-8.46	-6.28
-18.0D	10.521	-273.38	6.69	-25.08	-7.94	-6.90
-19.0D	10.399	-285.86	17.01	-23.34	-7.28	-7.42
-20.0D	10.181	-298.76	25.19	-20.05	-6.47	-7.86
-21.0	9.892	-312.30	30.82	-15.19	-5.51	-8.22
-22.0	9.557	-326.71	34.45	-8.58	-4.39	-8.49
-23.0	9.192	-342.21	36.80	0.08	-3.10	-8.65
-24.0E	8.813	-359.04	36.57	10.80	-1.65	-8.66
-25.0E	8.468	-377.35	29.29	21.98	-0.06	-8.47
-26.0F	8.249	-396.98	12.09	29.63	1.62	-8.09
-27.0F	8.240	-417.16	-10.60	29.68	3.30	-7.55
-28.0F	8.457	-436.81	-30.75	21.80	4.89	-6.90
-29.0F	8.840	-455.08	-42.66	9.55	6.32	-6.18
-30.0E	9.295	-471.65	-44.75	-2.64	7.55	-5.42

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-15.00	0.0	10.00
-1.0	10.070	-13.66	-3.52	-16.42	-1.01	10.02
-2.0	10.069	-27.21	3.78	-16.49	-1.99	9.87
-3.0	9.990	-40.86	11.81	-15.03	-2.94	9.55
-4.0	9.826	-54.86	20.38	-11.67	-3.87	9.03
-5.0	9.574	-69.49	28.52	-6.01	-4.78	8.30
-6.0C	9.253	-85.05	33.41	2.00	-5.64	7.33
-7.0D	8.917	-101.81	30.70	11.19	-6.46	6.15
-8.0D	8.657	-119.74	18.77	18.74	-7.22	4.78
-9.0	8.552	-138.44	1.42	21.66	-7.89	3.31
-10.0	8.628	-157.16	-15.87	18.74	-8.44	1.79
-11.0	8.864	-175.18	-29.38	11.11	-8.86	0.28
-12.0D	9.209	-192.02	-37.25	1.21	-9.14	-1.14
-13.0D	9.604	-207.51	-38.90	-8.49	-9.29	-2.43
-14.0D	9.985	-221.77	-34.75	-16.38	-9.32	-3.58
-15.0D	10.299	-235.04	-26.10	-21.86	-9.23	-4.58
-16.0C	10.510	-247.65	-14.72	-25.04	-9.00	-5.42
-17.0C	10.597	-259.90	-2.24	-26.20	-8.64	-6.14
-18.0D	10.557	-272.10	9.93	-25.58	-8.12	-6.75
-19.0D	10.399	-284.54	20.43	-23.33	-7.45	-7.26
-20.0D	10.148	-297.48	28.13	-19.52	-6.62	-7.69
-21.0	9.834	-311.14	32.80	-14.16	-5.64	-8.06
-22.0	9.484	-325.74	35.52	-7.08	-4.49	-8.35
-23.0	9.110	-341.50	37.41	2.11	-3.18	-8.54
-24.0E	8.727	-358.64	36.66	13.37	-1.70	-8.56
-25.0E	8.389	-377.32	27.72	24.70	-0.06	-8.39
-26.0F	8.198	-397.26	8.07	31.42	1.65	-8.03
-27.0F	8.239	-417.57	-16.08	29.56	3.35	-7.53
-28.0F	8.512	-437.08	-35.84	19.79	4.95	-6.92
-29.0F	8.939	-455.01	-45.82	6.59	6.39	-6.25
-30.0E	9.413	-471.19	-45.27	-5.48	7.60	-5.55

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-15.00	0.0	10.00
-1.0	10.071	-13.65	-3.74	-16.46	-1.01	10.02
-2.0	10.073	-27.20	3.44	-16.61	-1.99	9.88
-3.0	9.998	-40.84	11.53	-15.21	-2.94	9.56
-4.0	9.835	-54.81	20.41	-11.87	-3.87	9.04
-5.0	9.580	-69.41	29.16	-6.10	-4.77	8.31
-6.0C	9.249	-84.98	34.64	2.21	-5.63	7.34
-7.0D	8.901	-101.78	31.78	11.80	-6.45	6.14
-8.0D	8.635	-119.81	18.75	19.52	-7.20	4.76
-9.0	8.536	-138.59	0.16	22.17	-7.88	3.28
-10.0	8.629	-157.35	-17.97	18.60	-8.45	1.76
-11.0	8.889	-175.31	-31.85	10.20	-8.88	0.27
-12.0D	9.260	-191.99	-39.66	-0.30	-9.19	-1.14
-13.0D	9.677	-207.26	-40.72	-10.30	-9.37	-2.41
-14.0D	10.071	-221.27	-35.46	-18.16	-9.43	-3.53
-15.0C	10.386	-234.31	-25.49	-23.37	-9.36	-4.50
-16.0C	10.584	-246.71	-12.85	-26.15	-9.15	-5.31
-17.0C	10.646	-258.82	0.63	-26.86	-8.79	-6.01
-18.0C	10.573	-270.95	13.39	-25.74	-8.27	-6.59
-19.0D	10.380	-283.40	23.88	-22.96	-7.58	-7.09
-20.0D	10.097	-296.43	30.83	-18.61	-6.73	-7.53
-21.0	9.761	-310.27	34.33	-12.75	-5.72	-7.91
-22.0	9.400	-325.11	36.16	-5.20	-4.55	-8.23
-23.0	9.023	-341.16	37.65	4.49	-3.20	-8.44
-24.0E	8.640	-358.65	36.17	16.21	-1.68	-8.48
-25.0E	8.316	-377.71	25.13	27.37	-0.01	-8.32
-26.0F	8.165	-397.92	3.05	32.68	1.73	-7.98
-27.0F	8.263	-418.25	-21.94	28.65	3.45	-7.51
-28.0F	8.591	-437.52	-40.54	17.14	5.05	-6.95
-29.0E	9.054	-455.05	-47.91	3.44	6.47	-6.33
-30.0E	9.534	-470.81	-44.50	-8.11	7.66	-5.67

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-10.00	0.0	10.00
-1.0	10.080	-13.94	-5.47	-11.59	-1.06	10.02
-2.0	10.109	-27.72	-0.18	-12.19	-2.08	9.89
-3.0	10.082	-41.49	5.64	-11.70	-3.08	9.60
-4.0	9.993	-55.43	11.76	-9.97	-4.03	9.14
-5.0	9.842	-69.71	17.73	-6.81	-4.94	8.51
-6.0C	9.634	-84.55	22.60	-2.13	-5.81	7.69
-7.0C	9.389	-100.12	24.59	3.84	-6.61	6.67
-8.0C	9.148	-116.55	21.66	10.15	-7.33	5.47
-9.0D	8.965	-133.77	13.20	15.14	-7.96	4.13
-10.0D	8.891	-151.49	1.05	17.07	-8.47	2.69
-11.0D	8.945	-169.23	-11.59	15.17	-8.86	1.21
-12.0D	9.120	-186.51	-21.92	9.98	-9.12	-0.25
-13.0D	9.380	-202.94	-28.29	2.98	-9.23	-1.65
-14.0D	9.683	-218.40	-30.19	-4.23	-9.23	-2.94
-15.0D	9.983	-232.89	-27.95	-10.51	-9.10	-4.10
-16.0D	10.243	-246.58	-22.44	-15.29	-8.87	-5.12
-17.0D	10.435	-259.67	-14.72	-18.45	-8.53	-6.01
-18.0D	10.541	-272.39	-5.86	-20.08	-8.07	-6.78
-19.0D	10.554	-284.96	3.20	-20.31	-7.51	-7.42
-20.0D	10.478	-297.60	11.58	-19.24	-6.82	-7.95
-21.0D	10.322	-310.53	18.54	-16.94	-6.01	-8.39
-22.0D	10.105	-323.92	23.61	-13.46	-5.07	-8.74
-23.0	9.846	-337.95	26.82	-8.79	-4.00	-9.00
-24.0	9.561	-352.77	28.58	-2.87	-2.81	-9.14
-25.0	9.266	-368.51	28.94	4.30	-1.49	-9.15
-26.0E	8.978	-385.30	26.63	12.30	-0.06	-8.98
-27.0E	8.738	-403.14	19.38	19.72	1.45	-8.62
-28.0E	8.602	-421.80	6.43	24.16	2.99	-8.07
-29.0F	8.617	-440.73	-9.45	23.62	4.48	-7.36
-30.0F	8.789	-459.25	-23.63	18.08	5.87	-6.54

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-10.00	0.0	10.00
-1.0	10.081	-13.94	-5.68	-11.63	-1.06	10.03
-2.0	10.113	-27.71	-0.53	-12.31	-2.08	9.90
-3.0	10.089	-41.46	5.31	-11.89	-3.07	9.61
-4.0	10.003	-55.37	11.63	-10.20	-4.03	9.16
-5.0	9.851	-69.63	18.07	-7.00	-4.94	8.52
-6.0C	9.637	-84.44	23.58	-2.12	-5.80	7.70
-7.0C	9.379	-100.03	26.07	4.23	-6.59	6.67
-8.0D	9.123	-116.53	22.94	10.99	-7.31	5.46
-9.0D	8.932	-133.88	13.41	16.22	-7.94	4.10
-10.0D	8.862	-151.73	-0.13	17.95	-8.46	2.65
-11.0D	8.935	-169.56	-13.91	15.41	-8.86	1.16
-12.0D	9.137	-186.81	-24.84	9.39	-9.13	-0.30
-13.0D	9.428	-203.13	-31.23	1.65	-9.28	-1.68
-14.0D	9.758	-218.37	-32.59	-6.05	-9.30	-2.95
-15.0D	10.079	-232.60	-29.37	-12.49	-9.21	-4.09
-16.0D	10.347	-246.02	-22.64	-17.17	-9.01	-5.09
-17.0C	10.534	-258.84	-13.69	-20.06	-8.70	-5.95
-18.0C	10.624	-271.33	-3.74	-21.32	-8.26	-6.68
-19.0D	10.611	-283.74	6.11	-21.12	-7.70	-7.30
-20.0D	10.503	-296.29	14.85	-19.58	-7.02	-7.81
-21.0D	10.314	-309.19	21.61	-16.80	-6.20	-8.24
-22.0D	10.069	-322.64	25.94	-12.86	-5.24	-8.60
-23.0	9.791	-336.80	28.22	-7.78	-4.16	-8.86
-24.0	9.496	-351.80	29.27	-1.50	-2.94	-9.03
-25.0	9.195	-367.77	29.27	6.04	-1.60	-9.06
-26.0E	8.906	-384.82	26.57	14.38	-0.13	-8.91
-27.0E	8.671	-402.95	18.29	21.87	1.41	-8.56
-28.0F	8.554	-421.87	3.80	25.78	2.98	-8.02
-29.0F	8.602	-440.94	-13.25	24.08	4.50	-7.33
-30.0F	8.815	-459.43	-27.53	17.26	5.91	-6.54

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-10.00	0.0	10.00
-1.0	10.082	-13.93	-5.90	-11.68	-1.06	10.03
-2.0	10.117	-27.70	-0.88	-12.42	-2.08	9.90
-3.0	10.097	-41.43	4.95	-12.09	-3.07	9.62
-4.0	10.014	-55.31	11.46	-10.45	-4.02	9.17
-5.0	9.862	-69.53	18.35	-7.22	-4.93	8.54
-6.0C	9.641	-84.33	24.52	-2.16	-5.78	7.71
-7.0C	9.371	-99.93	27.53	4.55	-6.57	6.68
-8.0D	9.100	-116.49	24.20	11.76	-7.29	5.45
-9.0D	8.901	-133.96	13.60	17.22	-7.91	4.07
-10.0D	8.836	-151.93	-1.33	18.74	-8.44	2.61
-11.0D	8.928	-169.83	-16.19	15.57	-8.86	1.12
-12.0D	9.156	-187.06	-27.66	8.74	-9.15	-0.34
-13.0D	9.476	-203.24	-34.00	0.31	-9.32	-1.71
-14.0D	9.832	-218.28	-34.73	-7.78	-9.38	-2.96
-15.0D	10.169	-232.27	-30.42	-14.28	-9.32	-4.07
-16.0C	10.441	-245.43	-22.39	-18.78	-9.14	-5.04
-17.0C	10.620	-258.03	-12.19	-21.34	-8.85	-5.87
-18.0C	10.688	-270.35	-1.21	-22.19	-8.43	-6.57
-19.0C	10.646	-282.64	9.32	-21.53	-7.87	-7.17
-20.0D	10.503	-295.15	18.24	-19.48	-7.17	-7.67
-21.0D	10.282	-308.10	24.52	-16.19	-6.33	-8.10
-22.0	10.012	-321.68	27.85	-11.79	-5.36	-8.46
-23.0	9.720	-336.02	29.05	-6.34	-4.25	-8.74
-24.0	9.420	-351.25	29.40	0.25	-3.00	-8.93
-25.0	9.120	-367.48	29.07	8.08	-1.63	-8.97
-26.0E	8.835	-384.82	25.83	16.61	-0.13	-8.83
-27.0F	8.614	-403.23	16.32	23.89	1.44	-8.49
-28.0F	8.524	-422.36	0.36	26.90	3.04	-7.97
-29.0F	8.612	-441.49	-17.37	23.85	4.57	-7.30
-30.0F	8.866	-459.85	-31.10	15.83	5.99	-6.53

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-10.00	0.0	10.00
-1.0	10.083	-13.93	-6.11	-11.72	-1.06	10.03
-2.0	10.122	-27.69	-1.23	-12.54	-2.08	9.91
-3.0	10.105	-41.40	4.57	-12.29	-3.07	9.63
-4.0	10.025	-55.25	11.25	-10.71	-4.02	9.19
-5.0	9.873	-69.44	18.56	-7.46	-4.92	8.56
-6.0	9.647	-84.20	25.39	-2.25	-5.77	7.73
-7.0C	9.365	-99.81	28.97	4.82	-6.56	6.69
-8.0D	9.079	-116.43	25.47	12.47	-7.26	5.45
-9.0D	8.872	-134.00	13.78	18.15	-7.89	4.05
-10.0D	8.813	-152.09	-2.51	19.44	-8.43	2.58
-11.0D	8.922	-170.05	-18.40	15.65	-8.86	1.08
-12.0D	9.176	-187.24	-30.37	8.06	-9.17	-0.37
-13.0D	9.524	-203.30	-36.61	-1.00	-9.37	-1.73
-14.0D	9.903	-218.14	-36.61	-9.40	-9.45	-2.96
-15.0C	10.253	-231.90	-31.11	-15.88	-9.42	-4.05
-16.0C	10.526	-244.84	-21.75	-20.13	-9.27	-4.99
-17.0C	10.691	-257.25	-10.34	-22.33	-8.99	-5.79
-18.0C	10.736	-269.43	1.59	-22.75	-8.57	-6.47
-19.0C	10.662	-281.66	12.69	-21.60	-8.00	-7.05
-20.0D	10.484	-294.18	21.57	-19.03	-7.29	-7.54
-21.0D	10.232	-307.23	27.10	-15.24	-6.42	-7.96
-22.0	9.941	-320.98	29.22	-10.41	-5.42	-8.33
-23.0	9.641	-335.55	29.33	-4.65	-4.29	-8.64
-24.0	9.342	-351.03	29.10	2.19	-3.01	-8.84
-25.0	9.047	-367.54	28.50	10.23	-1.61	-8.90
-26.0E	8.770	-385.16	24.62	18.82	-0.08	-8.77
-27.0E	8.567	-403.83	13.77	25.65	1.52	-8.43
-28.0F	8.511	-423.11	-3.47	27.55	3.14	-7.91
-29.0F	8.641	-442.22	-21.41	23.11	4.68	-7.26
-30.0F	8.931	-460.40	-34.08	14.11	6.10	-6.52

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-5.00	0.0	10.00
-1.0	10.092	-14.22	-7.89	-6.86	-1.11	10.03
-2.0	10.158	-28.21	-4.85	-8.15	-2.18	9.92
-3.0	10.189	-42.06	-1.06	-8.76	-3.20	9.67
-4.0	10.178	-55.88	3.28	-8.55	-4.18	9.28
-5.0	10.121	-69.79	7.99	-7.42	-5.10	8.74
-6.0	10.014	-83.94	12.74	-5.25	-5.95	8.05
-7.0	9.862	-98.48	16.91	-1.94	-6.74	7.20
-8.0C	9.674	-113.54	19.39	2.37	-7.44	6.18
-9.0C	9.476	-129.25	18.72	7.20	-8.04	5.01
-10.0D	9.306	-145.60	13.90	11.52	-8.53	3.71
-11.0D	9.205	-162.43	5.39	14.08	-8.91	2.32
-12.0D	9.201	-179.46	-4.88	13.94	-9.16	0.88
-13.0D	9.302	-196.29	-14.54	11.02	-9.29	-0.56
-14.0D	9.490	-212.58	-21.76	6.07	-9.29	-1.95
-15.0D	9.736	-228.12	-25.57	0.24	-9.18	-3.24
-16.0D	10.001	-242.85	-25.83	-5.40	-8.97	-4.43
-17.0D	10.253	-256.82	-22.94	-10.15	-8.66	-5.48
-18.0D	10.462	-270.16	-17.67	-13.70	-8.27	-6.41
-19.0D	10.609	-283.05	-10.88	-15.98	-7.79	-7.20
-20.0D	10.682	-295.67	-3.37	-17.06	-7.22	-7.87
-21.0D	10.678	-308.21	4.09	-17.04	-6.56	-8.43
-22.0D	10.601	-320.85	10.80	-16.00	-5.80	-8.87
-23.0D	10.462	-333.74	16.20	-14.02	-4.94	-9.22
-24.0D	10.276	-347.03	19.97	-11.18	-3.99	-9.47
-25.0	10.059	-360.84	22.16	-7.54	-2.93	-9.62
-26.0	9.826	-375.27	23.18	-3.11	-1.77	-9.66
-27.0	9.588	-390.41	23.30	2.08	-0.53	-9.57
-28.0	9.354	-406.32	22.18	7.88	0.79	-9.32
-29.0E	9.143	-423.03	18.64	13.71	2.15	-8.89
-30.0E	8.985	-440.45	11.48	18.41	3.53	-8.26

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-5.00	0.0	10.00
-1.0	10.093	-14.22	-8.10	-6.91	-1.11	10.03
-2.0	10.162	-28.19	-5.21	-8.28	-2.18	9.93
-3.0	10.197	-42.02	-1.49	-8.97	-3.20	9.68
-4.0	10.190	-55.81	2.92	-8.84	-4.17	9.30
-5.0	10.136	-69.69	7.87	-7.76	-5.09	8.77
-6.0	10.029	-83.79	13.07	-5.54	-5.94	8.08
-7.0	9.870	-98.29	17.88	-2.07	-6.72	7.23
-8.0C	9.669	-113.36	20.98	2.61	-7.41	6.20
-9.0C	9.453	-129.12	20.48	7.92	-8.01	5.02
-10.0D	9.267	-145.59	15.01	12.68	-8.50	3.70
-11.0D	9.161	-162.59	5.18	15.36	-8.87	2.28
-12.0D	9.167	-179.77	-6.53	14.88	-9.13	0.82
-13.0D	9.291	-196.68	-17.27	11.26	-9.27	-0.62
-14.0D	9.510	-212.95	-24.98	5.48	-9.30	-2.01
-15.0D	9.788	-228.37	-28.66	-1.05	-9.21	-3.30
-16.0D	10.082	-242.89	-28.22	-7.11	-9.04	-4.47
-17.0D	10.353	-256.60	-24.26	-12.00	-8.77	-5.51
-18.0C	10.570	-269.67	-17.74	-15.45	-8.41	-6.40
-19.0C	10.711	-282.31	-9.73	-17.48	-7.96	-7.17
-20.0C	10.767	-294.71	-1.18	-18.22	-7.41	-7.81
-21.0D	10.737	-307.09	7.01	-17.78	-6.76	-8.34
-22.0D	10.628	-319.63	14.03	-16.29	-6.00	-8.77
-23.0D	10.456	-332.50	19.19	-13.85	-5.14	-9.11
-24.0D	10.242	-345.84	22.23	-10.59	-4.17	-9.36
-25.0	10.007	-359.77	23.48	-6.60	-3.09	-9.52
-26.0	9.766	-374.37	23.70	-1.91	-1.91	-9.58
-27.0	9.524	-389.70	23.37	3.50	-0.65	-9.50
-28.0	9.291	-405.82	22.04	9.50	0.70	-9.26
-29.0E	9.082	-422.76	18.19	15.48	2.10	-8.84
-30.0E	8.933	-440.41	10.31	20.09	3.50	-8.22

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-5.00	0.0	10.00
-1.0	10.095	-14.21	-8.31	-6.95	-1.11	10.03
-2.0	10.166	-28.18	-5.59	-8.40	-2.18	9.93
-3.0	10.206	-41.99	-1.94	-9.18	-3.20	9.69
-4.0	10.203	-55.75	2.51	-9.15	-4.17	9.31
-5.0	10.152	-69.58	7.67	-8.12	-5.08	8.79
-6.0	10.045	-83.64	13.30	-5.89	-5.93	8.11
-7.0	9.880	-98.10	18.75	-2.27	-6.70	7.26
-8.0C	9.667	-113.15	22.52	2.73	-7.39	6.23
-9.0C	9.434	-128.95	22.25	8.53	-7.98	5.03
-10.0D	9.232	-145.52	16.15	13.73	-8.46	3.69
-11.0D	9.121	-162.68	4.99	16.53	-8.84	2.26
-12.0D	9.137	-179.99	-8.14	15.71	-9.10	0.79
-13.0D	9.282	-196.98	-19.91	11.39	-9.26	-0.67
-14.0D	9.531	-213.23	-28.06	4.82	-9.31	-2.06
-15.0D	9.840	-228.52	-31.52	-2.32	-9.26	-3.34
-16.0D	10.160	-242.84	-30.28	-8.71	-9.11	-4.50
-17.0C	10.446	-256.31	-25.14	-13.63	-8.88	-5.51
-18.0C	10.665	-269.14	-17.35	-16.91	-8.55	-6.38
-19.0C	10.796	-281.56	-8.14	-18.64	-8.12	-7.12
-20.0C	10.831	-293.80	1.38	-18.99	-7.58	-7.74
-21.0C	10.770	-306.07	10.19	-18.11	-6.93	-8.24
-22.0D	10.628	-318.58	17.31	-16.13	-6.16	-8.66
-23.0D	10.425	-331.50	21.96	-13.23	-5.28	-8.99
-24.0D	10.188	-344.96	24.00	-9.57	-4.29	-9.24
-25.0	9.940	-359.06	24.17	-5.28	-3.19	-9.42
-26.0	9.696	-373.87	23.60	-0.40	-1.98	-9.49
-27.0	9.458	-389.42	22.89	5.13	-0.69	-9.43
-28.0	9.230	-405.77	21.38	11.22	0.69	-9.20
-29.0E	9.030	-422.93	17.16	17.17	2.11	-8.78
-30.0E	8.894	-440.78	8.56	21.49	3.54	-8.16

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	-5.00	0.0	10.00
-1.0	10.096	-14.21	-8.53	-7.00	-1.11	10.03
-2.0	10.171	-28.17	-5.96	-8.52	-2.18	9.94
-3.0	10.214	-41.96	-2.41	-9.40	-3.20	9.70
-4.0	10.217	-55.68	2.06	-9.46	-4.16	9.33
-5.0	10.169	-69.47	7.39	-8.51	-5.07	8.81
-6.0	10.063	-83.47	13.42	-6.30	-5.92	8.14
-7.0	9.895	-97.88	19.51	-2.57	-6.69	7.29
-8.0C	9.670	-112.91	23.99	2.74	-7.37	6.26
-9.0C	9.419	-128.73	24.04	9.01	-7.95	5.06
-10.0D	9.201	-145.40	17.37	14.67	-8.42	3.70
-11.0D	9.084	-162.69	4.90	17.60	-8.80	2.25
-12.0D	9.108	-180.13	-9.63	16.46	-9.08	0.76
-13.0D	9.275	-197.18	-22.41	11.47	-9.25	-0.70
-14.0D	9.552	-213.40	-30.96	4.17	-9.32	-2.09
-15.0D	9.889	-228.57	-34.15	-3.54	-9.30	-3.37
-16.0D	10.232	-242.71	-32.04	-10.18	-9.19	-4.51
-17.0C	10.530	-255.97	-25.69	-15.06	-8.98	-5.50
-18.0C	10.748	-268.59	-16.62	-18.12	-8.67	-6.35
-19.0C	10.866	-280.84	-6.27	-19.52	-8.26	-7.06
-20.0C	10.876	-292.95	4.14	-19.46	-7.73	-7.66
-21.0C	10.785	-305.16	13.44	-18.13	-7.07	-8.14
-22.0D	10.609	-317.68	20.47	-15.67	-6.29	-8.54
-23.0D	10.377	-330.69	24.36	-12.30	-5.38	-8.87
-24.0D	10.121	-344.32	25.22	-8.29	-4.36	-9.13
-25.0	9.867	-358.62	24.29	-3.79	-3.23	-9.32
-26.0	9.626	-373.65	23.04	1.20	-2.01	-9.41
-27.0	9.395	-389.42	22.08	6.79	-0.68	-9.37
-28.0	9.176	-405.99	20.46	12.88	0.72	-9.15
-29.0E	8.987	-423.35	15.88	18.70	2.17	-8.72
-30.0E	8.868	-441.36	6.61	22.61	3.61	-8.10

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	0.0	0.0	10.00
-1.0	10.105	-14.49	-10.35	-2.15	-1.16	10.04
-2.0	10.208	-28.69	-9.56	-4.16	-2.27	9.95
-3.0	10.297	-42.61	-7.79	-5.85	-3.33	9.74
-4.0	10.364	-56.31	-5.18	-7.07	-4.33	9.42
-5.0	10.401	-69.87	-1.88	-7.72	-5.25	8.98
-6.0	10.401	-83.39	1.97	-7.71	-6.10	8.42
-7.0	10.359	-96.96	6.20	-6.93	-6.88	7.75
-8.0	10.274	-110.70	10.58	-5.28	-7.56	6.95
-9.0	10.144	-124.75	14.67	-2.68	-8.16	6.03
-10.00	9.977	-139.23	17.67	0.85	-8.65	4.97
-11.00	9.790	-154.26	18.40	5.03	-9.03	3.79
-12.00	9.613	-169.87	15.74	9.19	-9.28	2.50
-13.00	9.481	-186.01	9.45	12.33	-9.41	1.13
-14.00	9.428	-202.47	0.63	13.49	-9.42	-0.28
-15.00	9.470	-218.94	-8.79	12.21	-9.32	-1.69
-16.00	9.604	-235.09	-16.95	8.74	-9.11	-3.05
-17.00	9.808	-250.66	-22.55	3.90	-8.80	-4.33
-18.00	10.054	-265.51	-25.04	-1.36	-8.42	-5.49
-19.00	10.310	-279.62	-24.46	-6.24	-7.98	-6.53
-20.00	10.545	-293.06	-21.26	-10.24	-7.48	-7.44
-21.00	10.738	-305.95	-16.11	-13.20	-6.93	-8.21
-22.00	10.871	-318.46	-9.73	-15.07	-6.32	-8.84
-23.00	10.935	-330.75	-2.81	-15.94	-5.66	-9.35
-24.00	10.928	-342.96	4.01	-15.88	-4.94	-9.75
-25.00	10.855	-355.27	10.16	-14.97	-4.15	-10.03
-26.00	10.725	-367.80	15.12	-13.27	-3.29	-10.21
-27.00	10.551	-380.69	18.61	-10.86	-2.35	-10.29
-28.0	10.349	-394.04	20.65	-7.81	-1.34	-10.26
-29.0	10.132	-407.92	21.57	-4.14	-0.26	-10.13
-30.0	9.910	-422.42	21.74	0.13	0.88	-9.87

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	0.0	0.0	10.00
-1.0	10.106	-14.49	-10.56	-2.20	-1.16	10.04
-2.0	10.212	-28.68	-9.95	-4.29	-2.27	9.96
-3.0	10.306	-42.57	-8.31	-6.07	-3.33	9.75
-4.0	10.379	-56.24	-5.77	-7.41	-4.32	9.44
-5.0	10.422	-69.75	-2.46	-8.18	-5.24	9.01
-6.0	10.427	-83.20	1.50	-8.27	-6.09	8.46
-7.0	10.389	-96.69	6.00	-7.56	-6.86	7.80
-8.0	10.303	-110.35	10.85	-5.91	-7.54	7.02
-9.0	10.167	-124.32	15.62	-3.18	-8.13	6.10
-10.00	9.987	-138.75	19.40	0.66	-8.62	5.05
-11.00	9.779	-153.77	20.68	5.34	-8.99	3.86
-12.00	9.578	-169.47	17.89	10.10	-9.23	2.55
-13.00	9.429	-185.77	10.60	13.69	-9.36	1.16
-14.00	9.372	-202.42	0.24	14.92	-9.37	-0.27
-15.00	9.426	-219.07	-10.70	13.23	-9.27	-1.70
-16.00	9.585	-235.32	-19.95	9.02	-9.08	-3.08
-17.00	9.823	-250.88	-26.05	3.35	-8.80	-4.37
-18.00	10.105	-265.62	-28.39	-2.59	-8.45	-5.54
-19.00	10.391	-279.54	-27.11	-7.88	-8.05	-6.57
-20.00	10.649	-292.73	-22.83	-12.05	-7.59	-7.47
-21.00	10.851	-305.35	-16.42	-14.94	-7.09	-8.22
-22.00	10.981	-317.60	-8.80	-16.62	-6.52	-8.83
-23.00	11.030	-329.65	-0.78	-17.19	-5.89	-9.32
-24.00	10.998	-341.69	6.89	-16.75	-5.19	-9.70
-25.00	10.892	-353.88	13.47	-15.41	-4.41	-9.96
-26.00	10.728	-366.37	18.37	-13.27	-3.55	-10.12
-27.00	10.524	-379.29	21.28	-10.43	-2.60	-10.20
-28.0	10.299	-392.74	22.44	-7.00	-1.57	-10.18
-29.0	10.068	-406.77	22.51	-3.03	-0.46	-10.06
-30.0	9.840	-421.46	22.09	1.49	0.71	-9.81

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	0.0	0.0	10.00
-1.0	10.107	-14.49	-10.78	-2.24	-1.16	10.04
-2.0	10.216	-28.66	-10.35	-4.41	-2.27	9.96
-3.0	10.315	-42.54	-8.85	-6.30	-3.33	9.76
-4.0	10.394	-56.17	-6.41	-7.76	-4.32	9.46
-5.0	10.444	-69.63	-3.13	-8.66	-5.23	9.04
-6.0	10.456	-83.01	0.89	-8.88	-6.08	8.51
-7.0	10.423	-96.41	5.60	-8.28	-6.84	7.86
-8.0	10.339	-109.96	10.85	-6.68	-7.52	7.09
-9.0	10.200	-123.83	16.29	-3.90	-8.11	6.19
-10.00	10.009	-138.17	20.94	0.18	-8.59	5.14
-11.00	9.781	-153.17	22.99	5.32	-8.95	3.95
-12.00	9.555	-168.90	20.31	10.71	-9.18	2.64
-13.00	9.384	-185.32	12.16	14.85	-9.30	1.23
-14.00	9.319	-202.15	0.31	16.25	-9.32	-0.23
-15.00	9.380	-218.97	-12.18	14.25	-9.23	-1.68
-16.00	9.561	-235.34	-22.59	9.39	-9.05	-3.08
-17.00	9.829	-250.92	-29.27	2.95	-8.80	-4.38
-18.00	10.144	-265.57	-31.54	-3.63	-8.49	-5.55
-19.00	10.460	-279.32	-29.57	-9.30	-8.13	-6.59
-20.00	10.737	-292.31	-24.20	-13.58	-7.71	-7.47
-21.00	10.947	-304.71	-16.55	-16.39	-7.24	-8.21
-22.00	11.072	-316.74	-7.71	-17.86	-6.71	-8.81
-23.00	11.104	-328.61	1.37	-18.12	-6.10	-9.28
-24.00	11.046	-340.51	9.82	-17.31	-5.41	-9.63
-25.00	10.909	-352.63	16.75	-15.53	-4.63	-9.88
-26.00	10.711	-365.13	21.42	-12.95	-3.76	-10.03
-27.00	10.479	-378.13	23.57	-9.70	-2.79	-10.10
-28.0	10.236	-391.72	23.73	-5.94	-1.74	-10.09
-29.0	9.997	-405.94	22.93	-1.72	-0.60	-9.98
-30.0	9.767	-420.84	22.02	3.00	0.60	-9.75

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	0.0	0.0	10.00
-1.0	10.108	-14.49	-10.99	-2.29	-1.16	10.04
-2.0	10.221	-28.65	-10.75	-4.54	-2.27	9.97
-3.0	10.325	-42.51	-9.41	-6.54	-3.32	9.77
-4.0	10.410	-56.10	-7.09	-8.13	-4.31	9.48
-5.0	10.467	-69.51	-3.88	-9.17	-5.23	9.07
-6.0	10.486	-82.80	0.14	-9.54	-6.07	8.55
-7.0	10.461	-96.11	4.97	-9.08	-6.83	7.93
-8.0	10.382	-109.55	10.55	-7.60	-7.50	7.18
-9.0	10.243	-123.29	16.60	-4.85	-8.08	6.29
-10.00	10.044	-137.51	22.19	-0.64	-8.56	5.26
-11.00	9.798	-152.42	25.27	4.91	-8.91	4.08
-12.00	9.545	-168.14	23.06	10.93	-9.14	2.76
-13.00	9.349	-184.64	14.32	15.74	-9.25	1.33
-14.00	9.268	-201.63	1.06	17.49	-9.27	-0.14
-15.00	9.330	-218.63	-13.01	15.37	-9.19	-1.62
-16.00	9.526	-235.13	-24.73	9.96	-9.03	-3.03
-17.00	9.821	-250.76	-32.18	2.80	-8.81	-4.35
-18.00	10.167	-265.38	-34.55	-4.40	-8.53	-5.54
-19.00	10.511	-279.01	-32.02	-10.45	-8.20	-6.57
-20.00	10.808	-291.83	-25.64	-14.86	-7.83	-7.46
-21.00	11.027	-304.04	-16.80	-17.61	-7.39	-8.18
-22.00	11.148	-315.90	-6.78	-18.89	-6.88	-8.77
-23.00	11.165	-327.61	3.34	-18.88	-6.30	-9.22
-24.00	11.083	-339.41	12.56	-17.72	-5.61	-9.56
-25.00	10.915	-351.49	19.82	-15.54	-4.83	-9.79
-26.00	10.687	-364.01	24.20	-12.53	-3.94	-9.93
-27.00	10.431	-377.11	25.52	-8.90	-2.96	-10.00
-28.0	10.173	-390.84	24.67	-4.85	-1.88	-10.00
-29.0	9.928	-405.25	23.11	-0.42	-0.72	-9.90
-30.0	9.699	-420.35	21.84	4.47	0.51	-9.69

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	5.00	0.0	10.00
-1.0	10.118	-14.77	-12.85	2.54	-1.21	10.05
-2.0	10.258	-29.16	-14.34	-0.21	-2.37	9.98
-3.0	10.407	-43.15	-14.53	-2.97	-3.46	9.82
-4.0	10.551	-56.73	-13.58	-5.51	-4.47	9.56
-5.0	10.681	-69.96	-11.66	-7.69	-5.41	9.21
-6.0	10.787	-82.89	-8.93	-9.41	-6.25	8.79
-7.0	10.862	-95.60	-5.55	-10.61	-7.01	8.29
-8.0	10.899	-108.17	-1.64	-11.24	-7.69	7.72
-9.0	10.894	-120.69	2.69	-11.25	-8.28	7.08
-10.0	10.843	-133.28	7.37	-10.56	-8.79	6.35
-11.0	10.742	-146.04	12.29	-9.05	-9.21	5.53
-12.0	10.591	-159.12	17.25	-6.58	-9.53	4.61
-13.0	10.391	-172.64	21.69	-3.02	-9.75	3.59
-14.00	10.153	-186.77	24.51	1.60	-9.85	2.45
-15.00	9.901	-201.62	24.11	6.89	-9.83	1.21
-16.00	9.675	-217.22	19.25	11.96	-9.67	-0.11
-17.00	9.522	-233.46	10.18	15.50	-9.41	-1.49
-18.00	9.475	-250.03	-1.24	16.41	-9.03	-2.87
-19.00	9.547	-266.53	-12.59	14.35	-8.56	-4.22
-20.00	9.726	-282.59	-21.92	9.84	-8.03	-5.49
-21.00	9.984	-297.93	-28.05	3.98	-7.44	-6.66
-22.00	10.287	-312.40	-30.59	-2.07	-6.83	-7.69
-23.00	10.598	-326.01	-29.67	-7.48	-6.22	-8.58
-24.00	10.884	-338.87	-25.87	-11.80	-5.60	-9.33
-25.00	11.120	-351.12	-19.93	-14.93	-4.99	-9.94
-26.00	11.287	-362.92	-12.65	-16.93	-4.36	-10.41
-27.00	11.376	-374.47	-4.70	-17.89	-3.73	-10.75
-28.00	11.383	-385.92	3.29	-17.91	-3.06	-10.97
-29.00	11.311	-397.44	10.75	-17.06	-2.35	-11.07
-30.00	11.167	-409.18	17.10	-15.40	-1.58	-11.05

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	5.00	0.0	10.00
-1.0	10.119	-14.77	-13.06	2.50	-1.21	10.05
-2.0	10.263	-29.15	-14.75	-0.34	-2.37	9.99
-3.0	10.416	-43.11	-15.13	-3.21	-3.46	9.83
-4.0	10.568	-56.66	-14.38	-5.89	-4.47	9.58
-5.0	10.707	-69.83	-12.64	-8.24	-5.40	9.25
-6.0	10.824	-82.67	-10.09	-10.15	-6.24	8.84
-7.0	10.911	-95.27	-6.86	-11.56	-7.00	8.37
-8.0	10.962	-107.69	-3.05	-12.43	-7.67	7.83
-9.0	10.972	-120.04	1.25	-12.70	-8.26	7.22
-10.0	10.935	-132.41	6.02	-12.28	-8.77	6.53
-11.0	10.847	-144.92	11.23	-11.06	-9.19	5.76
-12.0	10.704	-157.70	16.81	-8.86	-9.52	4.90
-13.0	10.503	-170.91	22.37	-5.45	-9.74	3.92
-14.00	10.250	-184.73	26.90	-0.70	-9.85	2.83
-15.00	9.963	-199.31	28.42	5.18	-9.83	1.62
-16.00	9.686	-214.77	24.75	11.35	-9.68	0.30
-17.00	9.477	-231.04	15.43	16.25	-9.41	-1.08
-18.00	9.383	-247.83	2.46	18.31	-9.04	-2.50
-19.00	9.428	-264.69	-11.07	16.79	-8.59	-3.89
-20.00	9.603	-281.13	-22.63	12.10	-8.06	-5.22
-21.00	9.879	-296.79	-30.66	5.52	-7.49	-6.44
-22.00	10.216	-311.48	-34.49	-1.48	-6.91	-7.53
-23.00	10.570	-325.19	-34.13	-7.78	-6.32	-8.47
-24.00	10.901	-338.02	-30.13	-12.78	-5.75	-9.26
-25.00	11.177	-350.14	-23.44	-16.33	-5.18	-9.90
-26.00	11.375	-361.76	-15.05	-18.56	-4.61	-10.40
-27.00	11.482	-373.08	-5.86	-19.61	-4.02	-10.76
-28.00	11.495	-384.29	3.43	-19.60	-3.40	-10.98
-29.00	11.414	-395.57	12.11	-18.64	-2.73	-11.08
-30.00	11.251	-407.10	19.47	-16.76	-2.00	-11.07

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	5.00	0.0	10.00
-1.0	10.120	-14.77	-13.28	2.45	-1.21	10.05
-2.0	10.267	-29.14	-15.16	-0.47	-2.37	9.99
-3.0	10.426	-43.08	-15.76	-3.46	-3.45	9.84
-4.0	10.585	-56.59	-15.22	-6.29	-4.46	9.60
-5.0	10.734	-69.69	-13.71	-8.81	-5.39	9.28
-6.0	10.863	-82.45	-11.38	-10.92	-6.23	8.90
-7.0	10.964	-94.93	-8.35	-12.56	-6.98	8.45
-8.0	11.032	-107.20	-4.73	-13.70	-7.65	7.95
-9.0	11.059	-119.35	-0.57	-14.27	-8.24	7.38
-10.0	11.042	-131.48	4.11	-14.21	-8.75	6.74
-11.0	10.973	-143.70	9.35	-13.40	-9.17	6.03
-12.0	10.848	-156.13	15.20	-11.66	-9.51	5.23
-13.0	10.660	-168.93	21.58	-8.71	-9.75	4.32
-14.0	10.407	-182.29	27.82	-4.26	-9.87	3.29
-15.00	10.098	-196.42	32.05	1.80	-9.87	2.14
-16.00	9.769	-211.50	31.24	8.92	-9.73	0.86
-17.00	9.484	-227.59	23.30	15.55	-9.47	-0.51
-18.00	9.312	-244.46	9.62	19.62	-9.11	-1.95
-19.0	9.294	-261.66	-6.05	19.66	-8.66	-3.38
-20.0	9.431	-278.61	-20.35	15.64	-8.13	-4.77
-21.00	9.698	-294.81	-31.18	8.76	-7.57	-6.06
-22.00	10.053	-309.98	-37.48	0.79	-6.99	-7.23
-23.00	10.448	-324.02	-38.86	-6.69	-6.42	-8.24
-24.00	10.832	-337.04	-35.65	-12.75	-5.87	-9.10
-25.00	11.165	-349.20	-28.83	-17.10	-5.34	-9.81
-26.00	11.414	-360.75	-19.66	-19.85	-4.81	-10.35
-27.00	11.563	-371.91	-9.31	-21.24	-4.27	-10.75
-28.00	11.604	-382.89	1.34	-21.45	-3.70	-11.00
-29.00	11.537	-393.91	11.52	-20.57	-3.08	-11.12
-30.00	11.373	-405.17	20.37	-18.68	-2.39	-11.12

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	5.00	0.0	10.00
-1.0	10.121	-14.77	-13.50	2.40	-1.21	10.05
-2.0	10.271	-29.13	-15.59	-0.60	-2.36	10.00
-3.0	10.436	-43.05	-16.40	-3.71	-3.45	9.85
-4.0	10.603	-56.51	-16.10	-6.69	-4.46	9.62
-5.0	10.762	-69.56	-14.85	-9.40	-5.38	9.32
-6.0	10.904	-82.22	-12.79	-11.73	-6.22	8.96
-7.0	11.021	-94.58	-10.03	-13.62	-6.97	8.54
-8.0	11.107	-106.68	-6.67	-15.05	-7.63	8.07
-9.0	11.156	-118.63	-2.76	-15.96	-8.22	7.55
-10.0	11.162	-130.50	1.68	-16.31	-8.72	6.96
-11.0	11.119	-142.39	6.69	-16.00	-9.15	6.32
-12.0	11.022	-154.43	12.42	-14.86	-9.50	5.59
-13.0	10.862	-166.74	19.00	-12.66	-9.76	4.78
-14.0	10.631	-179.52	26.32	-9.00	-9.91	3.85
-15.00	10.325	-192.98	33.32	-3.50	-9.94	2.79
-16.00	9.961	-207.38	37.03	3.88	-9.83	1.59
-17.00	9.593	-222.91	33.36	12.13	-9.59	0.26
-18.00	9.308	-239.55	21.21	19.00	-9.24	-1.16
-19.0	9.176	-256.93	4.22	22.09	-8.79	-2.63
-20.0	9.222	-274.45	-13.01	20.31	-8.27	-4.08
-21.0	9.432	-291.45	-27.47	14.30	-7.70	-5.45
-22.00	9.769	-307.45	-37.62	5.83	-7.10	-6.71
-23.00	10.184	-322.23	-42.63	-3.05	-6.51	-7.83
-24.00	10.622	-335.79	-42.17	-10.78	-5.95	-8.80
-25.00	11.030	-348.29	-36.73	-16.59	-5.43	-9.60
-26.00	11.361	-359.97	-27.68	-20.46	-4.93	-10.24
-27.00	11.589	-371.09	-16.58	-22.65	-4.43	-10.71
-28.00	11.698	-381.91	-4.65	-23.45	-3.92	-11.02
-29.00	11.684	-392.65	7.22	-23.03	-3.37	-11.19
-30.00	11.553	-403.54	18.14	-21.47	-2.75	-11.22

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	10.00	0.0	10.00
-1.0	10.131	-15.05	-15.40	7.22	-1.26	10.05
-2.0	10.309	-29.64	-19.16	3.70	-2.46	10.01
-3.0	10.517	-43.68	-21.28	-0.12	-3.59	9.89
-4.0	10.739	-57.14	-21.88	-3.87	-4.62	9.69
-5.0	10.961	-70.05	-21.16	-7.33	-5.56	9.44
-6.0	11.168	-82.45	-19.31	-10.34	-6.40	9.15
-7.0	11.352	-94.41	-16.50	-12.85	-7.15	8.82
-8.0	11.503	-106.01	-12.91	-14.83	-7.81	8.45
-9.0	11.614	-117.34	-8.74	-16.29	-8.37	8.05
-10.0	11.680	-128.47	-4.15	-17.23	-8.86	7.61
-11.0	11.698	-139.52	0.68	-17.65	-9.28	7.12
-12.0	11.666	-150.57	5.62	-17.55	-9.63	6.58
-13.0	11.583	-161.71	10.59	-16.89	-9.92	5.99
-14.0	11.449	-173.06	15.59	-15.59	-10.14	5.32
-15.0	11.264	-184.72	20.70	-13.53	-10.30	4.57
-16.0	11.026	-196.83	25.93	-10.48	-10.38	3.72
-17.0	10.734	-209.53	31.04	-6.16	-10.37	2.77
-18.0C	10.395	-223.02	34.92	-0.36	-10.26	1.69
-19.0C	10.031	-237.48	35.35	6.76	-10.02	0.49
-20.0D	9.692	-253.01	29.93	14.23	-9.66	-0.81
-21.0D	9.441	-269.53	18.36	20.23	-9.18	-2.19
-22.0	9.329	-286.68	3.10	22.89	-8.61	-3.59
-23.0	9.378	-303.93	-12.50	21.29	-7.95	-4.97
-24.0	9.577	-320.71	-25.74	15.97	-7.24	-6.26
-25.0D	9.891	-336.59	-35.02	8.46	-6.51	-7.45
-26.0D	10.277	-351.36	-39.74	0.50	-5.79	-8.49
-27.0D	10.689	-365.01	-39.98	-6.61	-5.11	-9.39
-28.0D	11.082	-377.65	-36.35	-12.26	-4.48	-10.14
-29.0C	11.422	-389.47	-29.81	-16.35	-3.89	-10.74
-30.0C	11.685	-400.68	-21.42	-19.07	-3.34	-11.20

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	10.00	0.0	10.00
-1.0	10.132	-15.05	-15.61	7.17	-1.26	10.05
-2.0	10.314	-29.62	-19.59	3.56	-2.46	10.02
-3.0	10.528	-43.64	-21.96	-0.38	-3.59	9.90
-4.0	10.758	-57.07	-22.85	-4.29	-4.62	9.72
-5.0	10.991	-69.91	-22.45	-7.93	-5.56	9.48
-6.0	11.213	-82.22	-20.89	-11.16	-6.39	9.21
-7.0	11.414	-94.05	-18.32	-13.89	-7.13	8.91
-8.0B	11.585	-105.49	-14.90	-16.10	-7.78	8.58
-9.0B	11.717	-116.61	-10.78	-17.79	-8.35	8.22
-10.0B	11.804	-127.52	-6.15	-18.96	-8.83	7.83
-11.0B	11.841	-138.29	-1.22	-19.63	-9.24	7.41
-12.0B	11.828	-149.03	3.83	-19.79	-9.58	6.94
-13.0	11.763	-159.82	8.87	-19.44	-9.86	6.41
-14.0	11.647	-170.77	13.89	-18.52	-10.09	5.82
-15.0	11.479	-181.98	18.97	-16.95	-10.26	5.15
-16.0	11.258	-193.56	24.32	-14.53	-10.36	4.40
-17.0	10.980	-205.66	30.10	-10.94	-10.39	3.54
-18.0	10.642	-218.47	35.93	-5.78	-10.33	2.56
-19.0C	10.251	-232.21	40.03	1.24	-10.15	1.44
-20.0C	9.841	-247.10	39.00	9.75	-9.84	0.19
-21.0D	9.480	-263.23	30.10	18.14	-9.41	-1.17
-22.0	9.248	-280.39	14.61	23.96	-8.87	-2.60
-23.0	9.190	-298.08	-3.41	25.22	-8.25	-4.05
-24.0	9.313	-315.62	-20.20	21.51	-7.56	-5.44
-25.0	9.591	-332.40	-33.36	14.11	-6.82	-6.74
-26.0D	9.979	-348.03	-41.74	5.08	-6.10	-7.90
-27.0D	10.427	-362.37	-44.96	-3.66	-5.40	-8.92
-28.0D	10.882	-375.49	-43.20	-10.91	-4.77	-9.78
-29.0C	11.296	-387.59	-37.30	-16.26	-4.20	-10.49
-30.0C	11.635	-398.91	-28.58	-19.87	-3.67	-11.04

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	10.00	0.0	10.00
-1.0	10.133	-15.04	-15.83	7.12	-1.26	10.06
-2.0	10.318	-29.61	-20.03	3.43	-2.46	10.02
-3.0	10.538	-43.61	-22.66	-0.64	-3.58	9.91
-4.0	10.777	-56.99	-23.86	-4.72	-4.61	9.74
-5.0	11.021	-69.77	-23.79	-8.55	-5.55	9.52
-6.0	11.259	-81.98	-22.54	-11.99	-6.38	9.28
-7.0B	11.479	-93.68	-20.21	-14.94	-7.12	9.01
-8.0B	11.669	-104.96	-16.90	-17.37	-7.76	8.72
-9.0B	11.822	-115.88	-12.75	-19.27	-8.31	8.40
-10.0B	11.928	-126.56	-7.97	-20.63	-8.79	8.07
-11.0B	11.983	-137.07	-2.80	-21.48	-9.19	7.69
-12.0B	11.985	-147.52	2.51	-21.82	-9.52	7.28
-13.0B	11.932	-157.99	7.76	-21.66	-9.79	6.82
-14.0	11.827	-168.59	12.84	-20.99	-10.01	6.29
-15.0	11.670	-179.41	17.81	-19.76	-10.18	5.70
-16.0	11.462	-190.56	22.91	-17.82	-10.30	5.03
-17.0	11.199	-202.16	28.56	-14.89	-10.36	4.25
-18.0	10.875	-214.39	34.98	-10.53	-10.34	3.36
-19.0	10.484	-227.46	41.40	-4.18	-10.22	2.33
-20.0C	10.038	-241.65	44.74	4.38	-9.97	1.15
-21.0D	9.596	-257.19	40.23	14.22	-9.59	-0.18
-22.0D	9.248	-274.07	26.38	22.85	-9.11	-1.61
-23.0	9.074	-291.92	7.18	27.36	-8.53	-3.10
-24.0	9.102	-310.03	-12.38	26.20	-7.87	-4.58
-25.0	9.317	-327.63	-29.01	19.90	-7.15	-5.97
-26.0	9.680	-344.15	-41.03	10.50	-6.42	-7.25
-27.0D	10.138	-359.30	-47.70	0.40	-5.71	-8.38
-28.0D	10.636	-373.05	-48.70	-8.53	-5.07	-9.35
-29.0C	11.116	-385.56	-44.32	-15.36	-4.49	-10.17
-30.0C	11.529	-397.10	-35.87	-20.04	-3.98	-10.82

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	10.00	0.0	10.00
-1.0	10.135	-15.04	-16.05	7.08	-1.26	10.06
-2.0	10.323	-29.60	-20.47	3.29	-2.46	10.03
-3.0	10.548	-43.57	-23.37	-0.91	-3.58	9.92
-4.0	10.796	-56.91	-24.91	-5.15	-4.61	9.76
-5.0	11.053	-69.62	-25.19	-9.19	-5.54	9.57
-6.0	11.307	-81.74	-24.26	-12.84	-6.37	9.34
-7.0B	11.545	-93.31	-22.14	-16.01	-7.10	9.11
-8.0B	11.756	-104.42	-18.86	-18.63	-7.73	8.85
-9.0B	11.928	-115.15	-14.56	-20.69	-8.28	8.59
-10.0B	12.051	-125.60	-9.46	-22.19	-8.74	8.30
-11.0B	12.120	-135.86	-3.86	-23.14	-9.13	7.98
-12.0B	12.129	-146.05	1.91	-23.56	-9.44	7.61
-13.0B	12.081	-156.25	7.54	-23.47	-9.70	7.20
-14.0B	11.976	-166.57	12.83	-22.89	-9.91	6.73
-15.0	11.820	-177.09	17.75	-21.81	-10.07	6.19
-16.0	11.614	-187.93	22.54	-20.13	-10.19	5.57
-17.0	11.357	-199.18	27.72	-17.61	-10.27	4.85
-18.0	11.043	-211.00	33.91	-13.83	-10.28	4.03
-19.0	10.660	-223.61	41.14	-8.15	-10.21	3.06
-20.0C	10.205	-237.26	47.27	0.05	-10.02	1.94
-21.0D	9.716	-252.29	46.83	10.46	-9.69	0.65
-22.0D	9.286	-268.83	35.39	20.91	-9.25	-0.78
-23.0	9.020	-286.66	15.87	27.97	-8.72	-2.29
-24.0	8.967	-305.09	-5.53	29.15	-8.11	-3.82
-25.0	9.125	-323.28	-24.64	24.21	-7.43	-5.30
-26.0	9.456	-340.49	-39.36	14.95	-6.71	-6.67
-27.0	9.912	-356.30	-48.80	4.00	-6.00	-7.89
-28.0D	10.434	-370.58	-52.31	-6.28	-5.36	-8.95
-29.0D	10.960	-383.47	-49.57	-14.41	-4.79	-9.86
-30.0C	11.430	-395.22	-41.55	-20.04	-4.30	-10.59

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	15.00	0.0	10.00
-1.0	10.145	-15.32	-17.99	11.88	-1.31	10.06
-2.0	10.361	-30.10	-24.03	7.56	-2.56	10.04
-3.0	10.629	-44.20	-28.02	2.70	-3.72	9.96
-4.0	10.928	-57.55	-30.05	-2.16	-4.77	9.83
-5.0	11.238	-70.16	-30.28	-6.66	-5.72	9.67
-6.0B	11.541	-82.08	-28.84	-10.59	-6.56	9.50
-7.0B	11.822	-93.40	-25.86	-13.87	-7.28	9.31
-8.0B	12.066	-104.22	-21.54	-16.49	-7.91	9.12
-9.0B	12.259	-114.64	-16.14	-18.45	-8.43	8.90
-10.0B	12.393	-124.78	-9.97	-19.78	-8.87	8.66
-11.0B	12.461	-134.75	-3.38	-20.49	-9.22	8.38
-12.0B	12.462	-144.67	3.28	-20.58	-9.51	8.05
-13.0B	12.395	-154.63	9.68	-20.09	-9.74	7.67
-14.0B	12.266	-164.74	15.52	-19.06	-9.92	7.21
-15.0B	12.080	-175.11	20.61	-17.52	-10.07	6.68
-16.0	11.847	-185.84	24.92	-15.44	-10.18	6.05
-17.0	11.573	-197.03	28.64	-12.73	-10.27	5.33
-18.0	11.262	-208.79	32.08	-9.18	-10.32	4.51
-19.0	10.917	-221.25	35.39	-4.50	-10.32	3.56
-20.0	10.541	-234.57	37.92	1.60	-10.24	2.48
-21.0C	10.151	-248.92	37.64	9.04	-10.07	1.27
-22.0D	9.790	-264.40	31.80	16.91	-9.79	-0.06
-23.0D	9.523	-280.92	19.40	23.28	-9.41	-1.49
-24.0D	9.408	-298.11	2.64	26.02	-8.93	-2.95
-25.0	9.471	-315.37	-14.69	24.07	-8.39	-4.39
-26.0D	9.699	-332.10	-29.34	18.08	-7.80	-5.76
-27.0D	10.055	-347.82	-39.36	9.92	-7.20	-7.01
-28.0D	10.486	-362.33	-44.01	1.58	-6.62	-8.13
-29.0C	10.938	-375.66	-43.57	-5.58	-6.08	-9.09
-30.0C	11.363	-387.94	-39.12	-11.08	-5.57	-9.90

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.C	10.000	0.0	-10.00	15.00	0.C	10.00
-1.C	10.146	-15.32	-18.20	11.83	-1.31	10.06
-2.0	10.366	-30.09	-24.48	7.42	-2.56	10.05
-3.0	10.640	-44.16	-28.77	2.43	-3.71	9.97
-4.C	10.948	-57.47	-31.16	-2.61	-4.77	9.85
-5.C	11.271	-70.01	-31.74	-7.30	-5.71	9.72
-6.CB	11.591	-81.83	-30.53	-11.41	-6.54	9.57
-7.0B	11.890	-93.03	-27.60	-14.86	-7.26	9.41
-8.CB	12.150	-103.69	-23.09	-17.60	-7.88	9.25
-9.0B	12.357	-113.95	-17.29	-19.65	-8.39	9.07
-10.CB	12.501	-123.91	-10.57	-21.02	-8.81	8.87
-11.0B	12.572	-133.69	-3.36	-21.71	-9.15	8.63
-12.0B	12.569	-143.42	3.91	-21.74	-9.41	8.33
-13.0B	12.493	-153.21	10.81	-21.16	-9.62	7.97
-14.0B	12.350	-163.17	16.98	-20.02	-9.79	7.53
-15.0B	12.149	-173.40	22.14	-18.38	-9.92	7.01
-16.0B	11.901	-184.01	26.27	-16.25	-10.03	6.40
-17.0	11.615	-195.09	29.66	-13.53	-10.12	5.70
-18.0	11.295	-206.76	32.83	-10.00	-10.18	4.89
-19.0	10.942	-219.13	36.21	-5.32	-10.20	3.95
-20.C	10.555	-232.38	39.32	0.91	-10.16	2.88
-21.CC	10.146	-246.69	39.92	8.73	-10.01	1.66
-22.0D	9.760	-262.20	34.45	17.24	-9.75	0.31
-23.0D	9.469	-278.84	21.29	24.27	-9.40	-1.14
-24.0D	9.342	-296.23	3.01	27.32	-8.96	-2.63
-25.0	9.409	-313.71	-15.89	25.14	-8.46	-4.12
-26.0D	9.656	-330.58	-31.75	18.50	-7.92	-5.53
-27.0D	10.041	-346.36	-42.44	9.56	-7.37	-6.82
-28.0D	10.504	-360.83	-47.06	0.61	-6.84	-7.97
-29.0C	10.983	-374.04	-45.92	-6.84	-6.36	-8.96
-30.0C	11.428	-386.18	-40.38	-12.37	-5.91	-9.78

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	15.00	0.0	10.00
-1.0	10.147	-15.32	-18.42	11.78	-1.31	10.06
-2.0	10.370	-30.08	-24.94	7.28	-2.55	10.05
-3.0	10.650	-44.13	-29.54	2.15	-3.71	9.98
-4.0	10.968	-57.39	-32.30	-3.06	-4.76	9.88
-5.0B	11.305	-69.86	-33.23	-7.94	-5.70	9.76
-6.0B	11.641	-81.59	-32.24	-12.24	-6.53	9.64
-7.0B	11.958	-92.65	-29.28	-15.82	-7.24	9.51
-8.0B	12.234	-103.17	-24.47	-18.67	-7.85	9.39
-9.0B	12.453	-113.26	-18.13	-20.77	-8.34	9.24
-10.0B	12.601	-123.06	-10.73	-22.13	-8.75	9.07
-11.0B	12.670	-132.68	-2.80	-22.75	-9.06	8.85
-12.0B	12.658	-142.26	5.14	-22.65	-9.31	8.58
-13.0B	12.567	-151.92	12.58	-21.89	-9.50	8.23
-14.0B	12.404	-161.77	19.03	-20.57	-9.64	7.80
-15.0B	12.182	-171.93	24.17	-18.77	-9.76	7.29
-16.0B	11.915	-182.49	27.98	-16.52	-9.87	6.68
-17.0	11.613	-193.55	30.89	-13.71	-9.96	5.97
-18.0	11.283	-205.22	33.67	-10.11	-10.04	5.15
-19.0	10.922	-217.62	36.98	-5.31	-10.08	4.21
-20.0	10.526	-230.91	40.43	1.16	-10.05	3.13
-21.0C	10.104	-245.31	41.38	9.40	-9.92	1.90
-22.0D	9.703	-260.96	35.50	18.39	-9.69	0.52
-23.0D	9.408	-277.80	20.95	25.62	-9.36	-0.96
-24.0D	9.293	-295.38	1.07	28.33	-8.95	-2.49
-25.0	9.387	-312.97	-18.98	25.34	-8.49	-4.00
-26.0D	9.669	-329.84	-35.36	17.74	-8.00	-5.43
-27.0D	10.090	-345.49	-45.88	8.06	-7.51	-6.74
-28.0D	10.584	-359.76	-49.60	-1.20	-7.05	-7.90
-29.0C	11.083	-372.72	-47.04	-8.59	-6.62	-8.89
-30.0C	11.531	-384.62	-40.03	-13.83	-6.23	-9.70

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	15.00	0.0	10.00
-1.0	10.148	-15.32	-18.64	11.74	-1.31	10.06
-2.0	10.375	-30.07	-25.41	7.14	-2.55	10.06
-3.0	10.661	-44.09	-30.33	1.87	-3.71	10.00
-4.0	10.989	-57.31	-33.47	-3.51	-4.76	9.91
-5.0B	11.340	-69.71	-34.75	-8.58	-5.70	9.81
-6.0B	11.693	-81.33	-33.93	-13.05	-6.52	9.71
-7.0B	12.026	-92.28	-30.86	-16.77	-7.22	9.62
-8.0B	12.317	-102.65	-25.62	-19.68	-7.81	9.52
-9.0B	12.544	-112.59	-18.63	-21.79	-8.30	9.41
-10.0A	12.694	-122.23	-10.46	-23.10	-8.68	9.26
-11.0A	12.756	-131.72	-1.74	-23.60	-8.97	9.07
-12.0A	12.729	-141.18	6.90	-23.31	-9.20	8.80
-13.CB	12.617	-150.74	14.83	-22.33	-9.36	8.46
-14.CB	12.430	-160.53	21.49	-20.79	-9.49	8.03
-15.CB	12.184	-170.67	26.47	-18.79	-9.60	7.50
-16.0B	11.895	-181.25	29.80	-16.37	-9.71	6.88
-17.0	11.578	-192.36	32.12	-13.43	-9.81	6.16
-18.0	11.238	-204.10	34.48	-9.69	-9.90	5.32
-19.0	10.869	-216.60	37.74	-4.66	-9.95	4.37
-20.0	10.464	-230.04	41.41	2.16	-9.94	3.26
-21.0C	10.031	-244.62	42.26	10.87	-9.83	2.00
-22.0D	9.627	-260.52	35.16	20.19	-9.61	0.59
-23.0D	9.345	-277.60	18.64	27.18	-9.30	-0.92
-24.0	9.263	-295.35	-2.82	28.96	-8.93	-2.48
-25.0	9.400	-312.96	-23.58	24.68	-8.51	-4.00
-26.0D	9.729	-329.68	-39.81	15.95	-8.07	-5.44
-27.0D	10.192	-345.06	-49.34	5.69	-7.64	-6.75
-28.0D	10.713	-358.98	-51.34	-3.56	-7.24	-7.90
-29.0C	11.219	-371.62	-46.80	-10.52	-6.87	-8.87
-30.0C	11.656	-383.25	-38.19	-15.25	-6.53	-9.66

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	20.00	0.0	10.00
-1.0	10.158	-15.60	-20.62	16.53	-1.36	10.07
-2.0	10.414	-30.57	-28.94	11.39	-2.65	10.07
-3.0	10.742	-44.71	-34.75	5.49	-3.85	10.03
-4.0	11.116	-57.94	-38.07	-0.38	-4.92	9.97
-5.0B	11.512	-70.26	-38.96	-5.74	-5.88	9.90
-6.0B	11.905	-81.76	-37.47	-10.33	-6.71	9.83
-7.0B	12.271	-92.53	-33.77	-14.12	-7.41	9.78
-8.0A	12.589	-102.72	-28.18	-17.13	-8.00	9.72
-9.0A	12.843	-112.44	-21.18	-19.43	-8.47	9.66
-10.0A	13.019	-121.86	-13.23	-20.98	-8.84	9.56
-11.0A	13.112	-131.08	-4.79	-21.73	-9.12	9.42
-12.0A	13.117	-140.24	3.76	-21.65	-9.32	9.22
-13.0A	13.036	-149.45	12.03	-20.76	-9.47	8.95
-14.0A	12.873	-158.85	19.59	-19.15	-9.58	8.60
-15.0B	12.639	-168.55	26.01	-16.96	-9.67	8.14
-16.0B	12.346	-178.66	30.87	-14.30	-9.74	7.59
-17.0B	12.013	-189.29	34.02	-11.21	-9.82	6.92
-18.0	11.656	-200.54	35.68	-7.60	-9.90	6.15
-19.0	11.286	-212.51	36.43	-3.28	-9.98	5.26
-20.0	10.912	-225.29	36.67	1.95	-10.05	4.25
-21.0	10.540	-238.98	35.91	8.20	-10.07	3.11
-22.0C	10.187	-253.67	32.44	15.14	-10.02	1.83
-23.0C	9.893	-269.35	24.18	21.66	-9.88	0.45
-24.0D	9.710	-285.81	10.76	25.97	-9.66	-1.01
-25.0D	9.682	-302.63	-5.54	26.49	-9.36	-2.48
-26.0D	9.821	-319.25	-21.26	22.94	-9.00	-3.93
-27.0D	10.105	-335.16	-33.50	16.46	-8.61	-5.29
-28.0D	10.489	-350.03	-40.73	8.92	-8.21	-6.53
-29.0C	10.921	-363.77	-42.85	1.86	-7.81	-7.64
-30.0C	11.352	-376.47	-40.86	-3.93	-7.42	-8.59

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	20.00	0.0	10.00
-1.0	10.159	-15.60	-20.84	16.48	-1.36	10.07
-2.0	10.418	-30.56	-29.42	11.24	-2.65	10.08
-3.0	10.753	-44.67	-35.57	5.21	-3.84	10.04
-4.0	11.138	-57.85	-39.27	-0.84	-4.92	9.99
-5.0B	11.548	-70.11	-40.47	-6.37	-5.87	9.94
-6.0B	11.956	-81.51	-39.05	-11.11	-6.69	9.91
-7.0B	12.338	-92.17	-35.09	-14.99	-7.39	9.88
-8.0A	12.667	-102.22	-28.97	-18.05	-7.96	9.85
-9.0A	12.925	-111.82	-21.27	-20.34	-8.42	9.81
-10.CA	13.098	-121.11	-12.57	-21.83	-8.77	9.73
-11.0A	13.180	-130.22	-3.41	-22.43	-9.02	9.61
-12.0A	13.168	-139.30	5.79	-22.12	-9.21	9.41
-13.0A	13.063	-148.46	14.57	-20.95	-9.34	9.14
-14.0A	12.873	-157.85	22.44	-19.04	-9.43	8.76
-15.0B	12.609	-167.57	28.82	-16.57	-9.50	8.29
-16.0B	12.290	-177.76	33.24	-13.68	-9.58	7.70
-17.0B	11.937	-188.51	35.62	-10.39	-9.66	7.01
-18.0	11.567	-199.92	36.45	-6.60	-9.76	6.21
-19.0	11.193	-212.08	36.62	-2.09	-9.86	5.29
-20.0	10.818	-225.08	36.64	3.39	-9.95	4.25
-21.0	10.446	-239.02	35.81	9.95	-9.98	3.07
-22.0C	10.097	-253.97	31.84	17.15	-9.94	1.76
-23.0C	9.815	-269.93	22.31	23.61	-9.81	0.35
-24.0D	9.660	-286.62	7.28	27.30	-9.59	-1.14
-25.CD	9.674	-303.55	-10.16	26.72	-9.31	-2.63
-26.0D	9.862	-320.12	-26.09	21.96	-8.98	-4.08
-27.0D	10.192	-335.82	-37.61	14.61	-8.62	-5.44
-28.0C	10.612	-350.38	-43.40	6.76	-8.26	-6.66
-29.0C	11.062	-363.80	-43.78	-0.13	-7.90	-7.74
-30.0C	11.494	-376.18	-40.21	-5.53	-7.56	-8.66

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	20.0C	0.0	10.00
-1.0	10.161	-15.60	-21.06	16.43	-1.36	10.07
-2.0	10.423	-30.54	-29.90	11.10	-2.65	10.08
-3.0	10.764	-44.63	-36.40	4.92	-3.84	10.06
-4.0	11.159	-57.77	-40.50	-1.30	-4.91	10.02
-5.0B	11.584	-69.96	-41.98	-7.01	-5.86	9.99
-6.0B	12.008	-81.26	-40.57	-11.88	-6.68	9.98
-7.0B	12.403	-91.80	-36.26	-15.83	-7.37	9.98
-8.CA	12.742	-101.74	-29.52	-18.92	-7.92	9.98
-9.0A	13.001	-111.22	-21.06	-21.17	-8.36	9.96
-10.0A	13.169	-120.39	-11.61	-22.56	-8.69	9.89
-11.0A	13.237	-129.42	-1.72	-22.98	-8.93	9.77
-12.0A	13.205	-138.43	8.09	-22.41	-9.09	9.58
-13.0A	13.074	-147.57	17.34	-20.93	-9.20	9.29
-14.0A	12.854	-156.96	25.41	-18.71	-9.28	8.89
-15.0B	12.560	-166.75	31.61	-15.96	-9.35	8.39
-16.0B	12.216	-177.04	35.40	-12.84	-9.42	7.77
-17.0B	11.844	-187.95	36.86	-9.37	-9.52	7.05
-18.0	11.467	-199.56	36.84	-5.40	-9.63	6.22
-19.0	11.092	-211.93	36.53	-0.68	-9.76	5.27
-20.0	10.718	-225.18	36.48	5.08	-9.86	4.19
-21.0	10.349	-239.38	35.51	11.95	-9.91	2.98
-22.0C	10.005	-254.63	30.74	19.34	-9.87	1.63
-23.0D	9.742	-270.87	19.58	25.53	-9.74	0.18
-24.0D	9.624	-287.76	2.89	28.32	-9.53	-1.32
-25.0D	9.688	-304.74	-15.40	26.41	-9.27	-2.83
-26.0D	9.930	-321.17	-31.07	20.43	-8.96	-4.27
-27.0D	10.305	-336.59	-41.33	12.40	-8.64	-5.61
-28.0C	10.753	-350.81	-45.25	4.50	-8.32	-6.81
-29.0C	11.212	-363.87	-43.72	-2.02	-8.00	-7.85
-30.0C	11.636	-375.95	-38.67	-6.93	-7.69	-8.73

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	20.00	0.C	10.00
-1.0	10.162	-15.59	-21.28	16.38	-1.36	10.07
-2.0	10.428	-30.53	-30.39	10.95	-2.65	10.09
-3.0	10.776	-44.60	-37.25	4.63	-3.84	10.C7
-4.0	11.182	-57.69	-41.75	-1.77	-4.91	10.05
-5.CB	11.620	-69.80	-43.50	-7.64	-5.85	10.04
-6.0B	12.060	-81.01	-42.02	-12.63	-6.66	10.05
-7.0A	12.468	-91.44	-37.27	-16.64	-7.34	10.08
-8.CA	12.814	-101.26	-29.84	-19.72	-7.88	10.10
-9.0A	13.073	-110.63	-20.59	-21.93	-8.30	10.10
-10.0A	13.231	-119.71	-10.37	-23.18	-8.61	10.05
-11.0A	13.284	-128.66	0.20	-23.39	-8.83	9.93
-12.0A	13.228	-137.63	10.59	-22.53	-8.97	9.72
-13.CA	13.069	-146.76	20.25	-20.73	-9.07	9.41
-14.0A	12.819	-156.19	28.42	-18.19	-9.13	8.99
-15.0B	12.496	-166.06	34.27	-15.19	-9.20	8.46
-16.CB	12.128	-176.49	37.24	-11.86	-9.28	7.81
-17.C	11.743	-187.58	37.68	-8.21	-9.39	7.05
-18.0	11.361	-199.40	36.87	-4.07	-9.53	6.19
-19.0	10.988	-212.01	36.26	0.86	-9.68	5.21
-20.C	10.617	-225.51	36.24	6.91	-9.79	4.10
-21.0C	10.251	-240.00	35.06	14.11	-9.85	2.85
-22.0C	9.917	-255.55	29.16	21.58	-9.81	1.46
-23.0D	9.679	-272.06	16.12	27.30	-9.68	-0.02
-24.CD	9.605	-289.11	-2.15	28.93	-9.48	-1.55
-25.CD	9.725	-306.07	-20.91	25.59	-9.23	-3.05
-26.0D	10.019	-322.29	-35.84	18.49	-8.96	-4.49
-27.0D	10.436	-337.38	-44.38	10.04	-8.67	-5.80
-28.0C	10.904	-351.23	-46.17	2.34	-8.39	-6.97
-29.0C	11.362	-363.95	-42.76	-3.69	-8.10	-7.97
-30.0	11.769	-375.75	-36.48	-8.07	-7.81	-8.80

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	25.00	0.0	10.00
-1.0	10.172	-15.87	-23.29	21.15	-1.41	10.07
-2.0	10.467	-31.03	-33.90	15.17	-2.75	10.10
-3.0	10.855	-45.21	-41.46	8.27	-3.97	10.10
-4.0B	11.305	-58.32	-45.92	1.46	-5.08	10.10
-5.0B	11.784	-70.38	-47.21	-4.62	-6.04	10.12
-6.0B	12.260	-81.49	-45.38	-9.75	-6.86	10.16
-7.0A	12.702	-91.79	-40.79	-14.04	-7.54	10.22
-8.0A	13.087	-101.44	-34.10	-17.64	-8.08	10.29
-9.0A	13.395	-110.59	-26.02	-20.61	-8.50	10.35
-10.0A	13.616	-119.40	-17.11	-22.85	-8.81	10.39
-11.0	13.744	-127.99	-7.75	-24.14	-9.01	10.38
-12.0	13.774	-136.50	1.75	-24.31	-9.14	10.31
-13.0A	13.708	-145.03	11.15	-23.31	-9.21	10.16
-14.0A	13.548	-153.71	20.16	-21.26	-9.23	9.91
-15.0A	13.298	-162.67	28.40	-18.37	-9.24	9.56
-16.0A	12.971	-172.04	35.31	-14.93	-9.25	9.10
-17.0B	12.583	-181.95	40.21	-11.11	-9.27	8.51
-18.0B	12.157	-192.52	42.57	-6.97	-9.33	7.79
-19.0	11.721	-203.87	42.44	-2.42	-9.43	6.96
-20.0	11.295	-216.07	40.56	2.70	-9.56	6.01
-21.0	10.895	-229.19	37.64	8.50	-9.71	4.93
-22.0	10.530	-243.28	33.47	14.86	-9.85	3.73
-23.0C	10.219	-258.31	26.69	21.17	-9.93	2.41
-24.0C	9.997	-274.17	15.99	26.19	-9.95	0.99
-25.0C	9.904	-290.56	1.78	28.42	-9.89	-0.48
-26.0D	9.965	-307.00	-13.53	27.02	-9.77	-1.96
-27.0C	10.174	-323.00	-26.96	22.38	-9.60	-3.38
-28.0C	10.502	-338.17	-36.39	15.93	-9.38	-4.72
-29.0C	10.903	-352.32	-41.16	9.21	-9.15	-5.93
-30.0C	11.331	-365.44	-41.94	3.20	-8.91	-7.00

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	25.00	0.0	10.00
-1.0	10.173	-15.87	-23.52	21.10	-1.41	10.08
-2.0	10.472	-31.01	-34.40	15.02	-2.74	10.11
-3.0	10.867	-45.17	-42.34	7.97	-3.97	10.12
-4.0B	11.327	-58.23	-47.18	0.99	-5.07	10.13
-5.0B	11.820	-70.23	-48.67	-5.23	-6.03	10.17
-6.0B	12.311	-81.24	-46.67	-10.47	-6.84	10.23
-7.0A	12.764	-91.44	-41.57	-14.80	-7.51	10.32
-8.0A	13.153	-100.99	-34.19	-18.41	-8.04	10.41
-9.0A	13.459	-110.05	-25.38	-21.35	-8.44	10.48
-10.0	13.670	-118.78	-15.81	-23.46	-8.73	10.52
-11.0	13.781	-127.31	-5.89	-24.54	-8.91	10.51
-12.0	13.790	-135.79	4.11	-24.40	-9.02	10.43
-13.0	13.698	-144.32	13.94	-23.04	-9.07	10.26
-14.0A	13.507	-153.05	23.29	-20.60	-9.09	9.99
-15.0A	13.224	-162.09	31.68	-17.36	-9.09	9.60
-16.0A	12.864	-171.61	38.36	-13.61	-9.10	9.09
-17.0B	12.449	-181.72	42.48	-9.56	-9.14	8.45
-18.0B	12.006	-192.55	43.56	-5.21	-9.22	7.69
-19.0	11.566	-204.20	42.09	-0.47	-9.35	6.81
-20.0	11.150	-216.73	39.28	4.83	-9.51	5.82
-21.0	10.765	-230.20	35.92	10.79	-9.68	4.71
-22.0	10.419	-244.62	31.38	17.23	-9.83	3.46
-23.0C	10.133	-259.96	23.88	23.35	-9.91	2.10
-24.0C	9.945	-276.07	12.10	27.76	-9.92	0.66
-25.0C	9.897	-292.57	-2.97	28.95	-9.86	-0.83
-26.0D	10.007	-308.98	-18.35	26.39	-9.74	-2.30
-27.0C	10.263	-324.79	-30.94	20.90	-9.57	-3.71
-28.0C	10.624	-339.68	-38.88	14.12	-9.36	-5.02
-29.0C	11.041	-353.51	-41.99	7.53	-9.14	-6.19
-30.0C	11.470	-366.33	-41.37	1.89	-8.91	-7.22

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	25.00	0.0	10.00
-1.0	10.175	-15.87	-23.74	21.06	-1.41	10.08
-2.0	10.477	-31.00	-34.90	14.87	-2.74	10.11
-3.0	10.879	-45.13	-43.22	7.67	-3.97	10.13
-4.0B	11.350	-58.15	-48.46	0.52	-5.07	10.16
-5.0B	11.858	-70.07	-50.11	-5.85	-6.02	10.21
-6.0B	12.362	-81.00	-47.88	-11.17	-6.83	10.30
-7.0A	12.825	-91.10	-42.20	-15.53	-7.49	10.41
-8.0A	13.217	-100.55	-34.08	-19.14	-8.00	10.52
-9.0A	13.517	-109.52	-24.57	-22.01	-8.38	10.60
-10.0	13.717	-118.18	-14.38	-23.99	-8.65	10.65
-11.0	13.811	-126.67	-3.93	-24.83	-8.81	10.63
-12.0	13.797	-135.13	6.52	-24.37	-8.91	10.54
-13.0	13.678	-143.67	16.75	-22.63	-8.94	10.35
-14.0A	13.457	-152.45	26.40	-19.82	-8.95	10.05
-15.0A	13.142	-161.60	34.85	-16.26	-8.95	9.62
-16.0A	12.751	-171.27	41.14	-12.24	-8.97	9.06
-17.0B	12.312	-181.60	44.24	-7.97	-9.02	8.38
-18.0B	11.858	-192.70	43.92	-3.46	-9.12	7.57
-19.0	11.421	-204.65	41.23	1.44	-9.28	6.66
-20.0	11.017	-217.51	37.78	6.90	-9.47	5.63
-21.0	10.649	-231.29	34.20	12.99	-9.66	4.47
-22.0	10.322	-246.02	29.35	19.45	-9.82	3.19
-23.0C	10.061	-261.64	21.02	25.32	-9.90	1.80
-24.0C	9.908	-277.95	8.14	29.01	-9.90	0.33
-25.0D	9.904	-294.53	-7.62	29.14	-9.84	-1.17
-26.0D	10.062	-310.86	-22.82	25.51	-9.71	-2.64
-27.0C	10.358	-326.46	-34.33	19.35	-9.54	-4.03
-28.0C	10.746	-341.05	-40.67	12.43	-9.35	-5.30
-29.0C	11.173	-354.59	-42.17	6.09	-9.13	-6.44
-30.0	11.597	-367.14	-40.35	0.84	-8.91	-7.43

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	25.00	0.0	10.00
-1.0	10.176	-15.87	-23.96	21.01	-1.41	10.08
-2.0	10.481	-30.99	-35.41	14.72	-2.74	10.12
-3.0	10.891	-45.09	-44.12	7.37	-3.97	10.14
-4.0B	11.373	-58.06	-49.74	0.05	-5.06	10.19
-5.0B	11.895	-69.91	-51.52	-6.45	-6.01	10.26
-6.0A	12.412	-80.75	-48.99	-11.84	-6.81	10.38
-7.0A	12.884	-90.76	-42.66	-16.23	-7.46	10.50
-8.0A	13.276	-100.12	-33.80	-19.81	-7.96	10.63
-9.0A	13.571	-109.01	-23.61	-22.62	-8.32	10.72
-10.0	13.757	-117.62	-12.85	-24.43	-8.57	10.77
-11.0	13.833	-126.07	-1.92	-25.02	-8.72	10.74
-12.0	13.797	-134.51	8.96	-24.23	-8.79	10.63
-13.0A	13.651	-143.08	19.56	-22.13	-8.82	10.42
-14.0A	13.399	-151.93	29.47	-18.96	-8.82	10.08
-15.0A	13.053	-161.19	37.89	-15.09	-8.82	9.62
-16.0B	12.633	-171.03	43.59	-10.84	-8.85	9.02
-17.0B	12.174	-181.58	45.47	-6.39	-8.92	8.29
-18.0	11.716	-192.95	43.70	-1.73	-9.05	7.44
-19.0	11.287	-205.20	39.99	3.30	-9.23	6.49
-20.0	10.898	-218.36	36.18	8.88	-9.45	5.43
-21.0	10.546	-232.44	32.56	15.09	-9.66	4.24
-22.0C	10.237	-247.45	27.38	21.53	-9.81	2.92
-23.0C	10.000	-263.33	18.13	27.06	-9.89	1.50
-24.0C	9.893	-279.80	4.15	29.98	-9.88	0.01
-25.0D	9.923	-296.41	-12.13	29.03	-9.81	-1.49
-26.0C	10.126	-312.62	-26.89	24.45	-9.69	-2.95
-27.0C	10.458	-327.99	-37.13	17.80	-9.52	-4.32
-28.0C	10.866	-342.31	-41.81	10.90	-9.33	-5.57
-29.0C	11.297	-355.57	-41.83	4.88	-9.12	-6.67
-30.0	11.712	-367.88	-39.01	0.02	-8.90	-7.62

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	30.00	0.0	10.00
-1.0	10.186	-16.15	-26.01	25.76	-1.46	10.08
-2.0	10.521	-31.48	-38.90	18.91	-2.84	10.13
-3.0	10.970	-45.70	-48.16	11.01	-4.10	10.17
-4.0B	11.493	-58.69	-53.59	3.35	-5.23	10.24
-5.0B	12.052	-70.50	-55.07	-3.36	-6.20	10.34
-6.0A	12.607	-81.26	-52.78	-9.06	-7.01	10.48
-7.0A	13.122	-91.14	-47.48	-14.08	-7.67	10.65
-8.0A	13.571	-100.32	-40.21	-18.74	-8.17	10.83
-9.0	13.940	-108.97	-31.77	-23.10	-8.54	11.02
-10.0	14.219	-117.24	-22.65	-26.88	-8.78	11.18
-11.0	14.402	-125.24	-13.10	-29.64	-8.91	11.31
-12.0	14.486	-133.10	-3.30	-30.96	-8.95	11.39
-13.0	14.469	-140.93	6.53	-30.61	-8.93	11.39
-14.0	14.353	-148.83	16.20	-28.59	-8.85	11.30
-15.0	14.139	-156.93	25.52	-25.20	-8.76	11.10
-16.0	13.833	-165.33	34.26	-20.86	-8.66	10.79
-17.0A	13.441	-174.18	42.06	-16.00	-8.59	10.34
-18.0A	12.978	-183.62	48.18	-10.92	-8.55	9.76
-19.0B	12.465	-193.81	51.56	-5.71	-8.58	9.04
-20.0B	11.936	-204.89	51.44	-0.20	-8.68	8.19
-21.0	11.424	-216.98	48.16	5.82	-8.86	7.21
-22.0	10.957	-230.14	42.86	12.45	-9.10	6.11
-23.0	10.553	-244.39	35.95	19.49	-9.36	4.88
-24.0C	10.230	-259.67	26.51	26.13	-9.60	3.53
-25.0C	10.023	-275.79	13.43	30.94	-9.80	2.08
-26.0C	9.966	-292.35	-2.57	32.43	-9.95	0.58
-27.0C	10.077	-308.83	-18.80	29.98	-10.03	-0.92
-28.0C	10.341	-324.71	-32.25	24.44	-10.07	-2.36
-29.0C	10.721	-339.64	-41.17	17.45	-10.06	-3.71
-30.0C	11.167	-353.45	-45.57	10.51	-10.03	-4.92

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	30.00	0.0	10.00
-1.0	10.188	-16.15	-26.23	25.71	-1.46	10.08
-2.0	10.526	-31.47	-39.42	18.76	-2.84	10.14
-3.0	10.982	-45.66	-49.08	10.71	-4.10	10.19
-4.0B	11.517	-58.61	-54.88	2.89	-5.22	10.26
-5.0B	12.090	-70.35	-56.40	-3.95	-6.19	10.38
-6.0A	12.656	-81.02	-53.73	-9.71	-7.00	10.55
-7.0A	13.177	-90.81	-47.78	-14.76	-7.64	10.74
-8.0	13.627	-99.92	-39.82	-19.43	-8.13	10.93
-9.0	13.988	-108.50	-30.82	-23.75	-8.48	11.13
-10.0	14.255	-116.72	-21.30	-27.41	-8.70	11.29
-11.0	14.423	-124.69	-11.48	-29.95	-8.81	11.42
-12.0	14.489	-132.54	-1.53	-30.98	-8.84	11.48
-13.0	14.454	-140.37	8.42	-30.28	-8.81	11.46
-14.0	14.318	-148.31	18.21	-27.94	-8.73	11.35
-15.0	14.083	-156.46	27.68	-24.26	-8.63	11.13
-16.0	13.753	-164.95	36.63	-19.67	-8.54	10.78
-17.0A	13.337	-173.93	44.54	-14.60	-8.47	10.30
-18.0A	12.849	-183.55	50.37	-9.35	-8.46	9.67
-19.0B	12.319	-193.98	52.79	-3.96	-8.51	8.91
-20.0B	11.783	-205.35	51.21	1.72	-8.64	8.02
-21.0	11.282	-217.76	46.60	7.88	-8.85	7.00
-22.0	10.835	-231.25	40.55	14.61	-9.11	5.87
-23.0	10.456	-245.80	33.28	21.59	-9.39	4.61
-24.0C	10.163	-261.35	23.39	27.92	-9.64	3.23
-25.0C	9.991	-277.64	9.73	32.08	-9.84	1.76
-26.0C	9.974	-294.27	-6.57	32.66	-9.97	0.24
-27.0C	10.124	-310.69	-22.44	29.35	-10.05	-1.25
-28.0C	10.421	-326.39	-34.89	23.30	-10.07	-2.68
-29.0C	10.821	-341.09	-42.47	16.24	-10.05	-4.00
-30.0	11.274	-354.68	-45.63	9.53	-10.01	-5.18

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	30.00	0.0	10.00
-1.0	10.189	-16.14	-26.46	25.66	-1.46	10.08
-2.0	10.531	-31.46	-39.94	18.61	-2.84	10.14
-3.0	10.994	-45.62	-50.01	10.40	-4.10	10.20
-4.0B	11.541	-58.52	-56.16	2.42	-5.22	10.29
-5.0B	12.127	-70.19	-57.69	-4.53	-6.18	10.43
-6.0A	12.705	-80.78	-54.58	-10.34	-6.98	10.62
-7.0A	13.231	-90.49	-47.94	-15.41	-7.61	10.82
-8.0	13.679	-99.52	-39.32	-20.09	-8.09	11.03
-9.0	14.032	-108.05	-29.81	-24.35	-8.42	11.23
-10.0	14.287	-116.22	-19.94	-27.88	-8.62	11.39
-11.0	14.440	-124.16	-9.91	-30.19	-8.72	11.51
-12.0	14.489	-132.00	0.18	-30.92	-8.74	11.56
-13.0	14.436	-139.85	10.23	-29.91	-8.69	11.53
-14.0	14.281	-147.82	20.14	-27.27	-8.61	11.39
-15.0	14.025	-156.03	29.80	-23.31	-8.51	11.15
-16.0	13.673	-164.61	38.97	-18.49	-8.43	10.77
-17.0A	13.232	-173.73	46.94	-13.22	-8.37	10.25
-18.0A	12.721	-183.54	52.33	-7.80	-8.37	9.58
-19.0B	12.176	-194.20	53.57	-2.25	-8.44	8.77
-20.0	11.641	-205.86	50.47	3.57	-8.60	7.84
-21.0	11.153	-218.57	44.76	9.85	-8.84	6.80
-22.0	10.728	-232.36	38.26	16.61	-9.13	5.63
-23.0	10.373	-247.20	30.78	23.50	-9.42	4.34
-24.0C	10.108	-262.97	20.46	29.50	-9.67	2.94
-25.0C	9.968	-279.42	6.25	33.01	-9.86	1.45
-26.0C	9.988	-296.08	-10.27	32.72	-9.99	-0.07
-27.0C	10.174	-312.42	-25.69	28.66	-10.05	-1.56
-28.0C	10.500	-327.95	-37.06	22.23	-10.07	-2.97
-29.0C	10.915	-342.43	-43.35	15.19	-10.05	-4.27
-30.0	11.372	-355.81	-45.41	8.73	-9.99	-5.43

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-10.00	30.00	0.0	10.00
-1.0	10.190	-16.14	-26.68	25.61	-1.46	10.08
-2.0	10.536	-31.44	-40.47	18.45	-2.84	10.15
-3.0	11.006	-45.58	-50.95	10.10	-4.10	10.22
-4.0B	11.564	-58.43	-57.44	1.95	-5.21	10.32
-5.0B	12.164	-70.04	-58.94	-5.10	-6.17	10.48
-6.0A	12.752	-80.55	-55.33	-10.95	-6.96	10.68
-7.0A	13.283	-90.18	-47.99	-16.03	-7.58	10.91
-8.0	13.727	-99.14	-38.72	-20.70	-8.04	11.13
-9.0	14.073	-107.60	-28.75	-24.90	-8.35	11.33
-10.0	14.315	-115.74	-18.59	-28.28	-8.54	11.49
-11.0	14.453	-123.66	-8.39	-30.37	-8.63	11.60
-12.0	14.486	-131.50	1.81	-30.82	-8.63	11.63
-13.0	14.416	-139.36	11.96	-29.50	-8.58	11.58
-14.0	14.242	-147.37	22.01	-26.57	-8.50	11.43
-15.0	13.966	-155.64	31.90	-22.35	-8.40	11.16
-16.0A	13.591	-164.32	41.30	-17.31	-8.32	10.75
-17.0A	13.126	-173.57	49.26	-11.86	-8.28	10.19
-18.0A	12.595	-183.57	54.02	-6.27	-8.29	9.48
-19.0B	12.038	-194.48	53.89	-0.58	-8.39	8.63
-20.0	11.508	-206.42	49.31	5.35	-8.58	7.67
-21.0	11.036	-219.42	42.77	11.71	-8.85	6.60
-22.0	10.633	-233.48	36.06	18.49	-9.16	5.40
-23.0	10.302	-248.57	28.46	25.27	-9.46	4.09
-24.0C	10.062	-264.55	17.71	30.91	-9.71	2.66
-25.0C	9.953	-281.12	2.95	33.76	-9.89	1.15
-26.0C	10.008	-297.80	-13.70	32.66	-10.00	-0.37
-27.0C	10.227	-314.03	-28.57	27.94	-10.06	-1.86
-28.0C	10.577	-329.40	-38.84	21.23	-10.06	-3.25
-29.0C	11.004	-343.68	-43.88	14.28	-10.03	-4.52
-30.0	11.461	-356.88	-44.97	8.08	-9.97	-5.65

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-30.00	0.0	10.00
-1.0	9.981	-12.88	8.71	-29.76	-0.87	9.94
-2.0	9.821	-26.00	22.75	-26.89	-1.73	9.67
-3.0	9.517	-39.76	36.55	-20.73	-2.63	9.15
-4.0C	9.082	-54.66	47.70	-10.43	-3.55	8.36
-5.0D	8.570	-71.24	50.41	3.87	-4.50	7.29
-6.0	8.096	-89.89	40.29	19.42	-5.46	5.98
-7.0	7.778	-110.46	20.65	31.36	-6.38	4.45
-8.0	7.686	-132.14	-2.71	35.26	-7.17	2.77
-9.0	7.927	-153.69	-24.11	29.73	-7.76	1.02
-10.0	8.155	-173.99	-38.63	17.59	-8.13	-0.69
-11.0	8.589	-192.46	-44.92	3.36	-8.28	-2.29
-12.0	9.050	-209.07	-44.40	-9.65	-8.26	-3.70
-13.0	9.480	-224.10	-38.77	-19.95	-8.10	-4.92
-14.0D	9.830	-237.91	-29.31	-27.18	-7.83	-5.94
-15.0D	10.070	-250.88	-17.27	-31.59	-7.46	-6.77
-16.0D	10.179	-263.40	-3.90	-33.55	-6.96	-7.42
-17.0D	10.149	-275.81	9.67	-33.32	-6.34	-7.92
-18.0	9.984	-288.44	22.51	-30.87	-5.57	-8.28
-19.0	9.693	-301.66	34.19	-25.85	-4.65	-8.51
-20.0	9.288	-315.86	44.75	-17.40	-3.53	-8.59
-21.0	8.785	-331.53	52.98	-4.41	-2.21	-8.50
-22.0E	8.234	-349.26	52.52	12.94	-0.69	-8.21
-23.0F	7.768	-369.38	35.89	30.13	1.01	-7.70
-24.0	7.542	-391.39	7.21	39.28	2.77	-7.02
-25.0	7.624	-413.80	-22.53	35.60	4.49	-6.16
-26.0	7.976	-434.94	-44.64	21.37	6.04	-5.20
-27.0	8.498	-453.84	-55.44	3.23	7.38	-4.22
-28.0F	9.071	-470.40	-55.01	-13.06	8.46	-3.26
-29.0E	9.592	-485.04	-45.48	-24.82	9.29	-2.38
-30.0E	9.982	-498.33	-30.29	-31.92	9.86	-1.56

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-30.00	0.0	10.00
-1.0	9.982	-12.88	8.53	-29.80	-0.86	9.94
-2.0	9.824	-25.99	22.61	-26.97	-1.73	9.67
-3.0	9.519	-39.74	36.82	-20.76	-2.63	9.15
-4.0C	9.078	-54.64	48.59	-10.25	-3.55	8.36
-5.0D	8.557	-71.27	51.21	4.39	-4.50	7.28
-6.0	8.079	-89.99	39.99	20.04	-5.46	5.95
-7.0	7.770	-110.63	19.58	31.69	-6.38	4.43
-8.0	7.688	-132.33	-3.60	35.19	-7.18	2.75
-9.0	7.835	-153.85	-24.34	29.49	-7.77	1.00
-10.0	8.163	-174.11	-38.30	17.45	-8.13	-0.71
-11.0	8.592	-192.56	-44.48	3.39	-8.28	-2.30
-12.0	9.051	-209.18	-44.35	-9.58	-8.25	-3.72
-13.0	9.483	-224.21	-39.35	-19.99	-8.10	-4.94
-14.0D	9.843	-237.99	-30.47	-27.45	-7.84	-5.96
-15.0D	10.096	-250.92	-18.79	-32.12	-7.47	-6.79
-16.0D	10.222	-263.34	-5.57	-34.35	-7.00	-7.45
-17.0D	10.209	-275.62	7.96	-34.43	-6.41	-7.95
-18.0D	10.061	-288.07	20.77	-32.41	-5.67	-8.31
-19.0	9.789	-301.04	32.40	-27.99	-4.78	-8.54
-20.0	9.402	-314.91	43.19	-20.38	-3.72	-8.63
-21.0	8.908	-330.14	52.94	-8.26	-2.45	-8.56
-22.0E	8.341	-347.36	55.98	8.94	-0.97	-8.28
-23.0F	7.822	-367.04	42.23	27.56	0.70	-7.79
-24.0	7.528	-388.90	13.75	39.36	2.46	-7.12
-25.0	7.550	-411.54	-17.56	38.20	4.20	-6.28
-26.0	7.864	-433.16	-42.26	25.13	5.80	-5.31
-27.0	8.377	-452.59	-55.97	6.57	7.18	-4.31
-28.0F	8.969	-469.55	-58.02	-11.02	8.32	-3.35
-29.0E	9.528	-484.41	-49.72	-24.11	9.20	-2.46
-30.0E	9.963	-497.78	-34.49	-32.14	9.83	-1.65

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-30.00	0.0	10.00
-1.0	9.983	-12.88	8.35	-29.84	-0.86	9.95
-2.0	9.827	-25.98	22.46	-27.04	-1.73	9.67
-3.0	9.522	-39.72	37.08	-20.80	-2.62	9.15
-4.0C	9.075	-54.63	49.46	-10.07	-3.54	8.35
-5.0D	8.544	-71.29	51.98	4.90	-4.49	7.27
-6.0	8.064	-90.09	39.65	20.64	-5.46	5.93
-7.0	7.763	-110.79	18.54	32.00	-6.39	4.41
-8.0	7.691	-132.50	-4.43	35.11	-7.19	2.73
-9.0	7.844	-154.00	-24.53	29.26	-7.78	0.98
-10.0	8.170	-174.22	-37.95	17.33	-8.14	-0.73
-11.0	8.595	-192.66	-44.06	3.44	-8.28	-2.32
-12.0	9.051	-209.28	-44.31	-9.49	-8.25	-3.73
-13.0	9.485	-224.31	-39.94	-20.03	-8.09	-4.95
-14.0D	9.854	-238.08	-31.64	-27.72	-7.84	-5.98
-15.0D	10.122	-250.95	-20.30	-32.64	-7.49	-6.81
-16.0D	10.263	-263.29	-7.18	-35.12	-7.04	-7.47
-17.0D	10.267	-275.43	6.38	-35.48	-6.47	-7.97
-18.0D	10.136	-287.72	19.21	-33.81	-5.77	-8.34
-19.0	9.879	-300.46	30.76	-29.92	-4.92	-8.57
-20.0	9.509	-314.02	41.54	-23.09	-3.90	-8.67
-21.0	9.029	-328.85	52.21	-11.92	-2.68	-8.62
-22.0E	8.455	-345.56	58.45	4.81	-1.24	-8.36
-23.0F	7.891	-364.77	48.25	24.49	0.39	-7.88
-24.0	7.530	-386.40	20.48	38.81	2.14	-7.22
-25.0	7.488	-409.19	-12.04	40.40	3.90	-6.39
-26.0	7.757	-431.27	-39.06	28.92	5.54	-5.43
-27.0	8.251	-451.24	-55.59	10.31	6.97	-4.41
-28.0F	8.854	-468.66	-60.43	-8.47	8.16	-3.44
-29.0F	9.448	-483.82	-53.89	-22.98	9.10	-2.54
-30.0E	9.927	-497.32	-38.94	-32.08	9.78	-1.72

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-30.00	0.0	10.00
-1.0	9.985	-12.88	8.17	-29.88	-0.86	9.95
-2.0	9.830	-25.97	22.31	-27.12	-1.73	9.68
-3.0	9.525	-39.70	37.33	-20.84	-2.62	9.16
-4.0C	9.072	-54.61	50.33	-9.90	-3.54	8.35
-5.0D	8.532	-71.32	52.73	5.38	-4.49	7.25
-6.0	8.050	-90.18	39.30	21.21	-5.46	5.91
-7.0	7.756	-110.94	17.54	32.28	-6.40	4.39
-8.0	7.694	-132.67	-5.20	35.03	-7.20	2.71
-9.0	7.851	-154.13	-24.67	29.04	-7.79	0.97
-10.0	8.176	-174.33	-37.59	17.23	-8.14	-0.74
-11.0	8.596	-192.76	-43.63	3.50	-8.27	-2.33
-12.0	9.050	-209.39	-44.27	-9.39	-8.24	-3.75
-13.0	9.487	-224.42	-40.54	-20.06	-8.08	-4.97
-14.0D	9.866	-238.16	-32.82	-27.98	-7.84	-5.99
-15.0D	10.147	-250.99	-21.80	-33.14	-7.50	-6.83
-16.0D	10.304	-263.24	-8.73	-35.86	-7.07	-7.50
-17.0D	10.324	-275.26	4.93	-36.46	-6.53	-8.00
-18.0D	10.206	-287.38	17.85	-35.10	-5.86	-8.36
-19.0	9.964	-299.92	29.34	-31.65	-5.04	-8.60
-20.0	9.609	-313.21	39.94	-25.50	-4.06	-8.71
-21.0	9.145	-327.67	51.02	-15.28	-2.89	-8.67
-22.0E	8.572	-343.90	59.91	0.74	-1.51	-8.44
-23.0F	7.972	-362.61	53.70	21.08	0.09	-7.97
-24.0	7.546	-383.94	27.16	37.69	1.84	-7.32
-25.0	7.439	-406.80	-6.24	42.08	3.61	-6.50
-26.0	7.658	-429.29	-35.23	32.53	5.28	-5.54
-27.0	8.125	-449.81	-54.36	14.27	6.75	-4.52
-28.0F	8.731	-467.74	-62.08	-5.48	7.99	-3.52
-29.0F	9.354	-483.24	-57.77	-21.46	8.98	-2.60
-30.0E	9.878	-496.91	-43.51	-31.74	9.72	-1.78

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-25.00	0.0	10.00
-1.0	9.993	-13.17	6.46	-24.96	-0.92	9.95
-2.0	9.867	-26.50	18.26	-22.68	-1.83	9.70
-3.0	9.620	-40.37	29.94	-17.69	-2.75	9.22
-4.0C	9.260	-55.15	39.82	-9.40	-3.69	8.49
-5.0C	8.825	-71.30	43.70	2.16	-4.64	7.50
-6.0D	8.403	-89.14	36.99	15.01	-5.59	6.28
-7.0	8.102	-108.59	20.62	25.22	-6.49	4.85
-8.0	7.995	-129.04	0.15	29.07	-7.29	3.28
-9.0	8.095	-149.48	-19.03	25.29	-7.93	1.64
-10.0	8.367	-169.00	-33.05	15.67	-8.37	0.01
-11.0	8.748	-187.03	-40.39	3.59	-8.61	-1.52
-12.0	9.171	-203.44	-41.41	-8.07	-8.70	-2.91
-13.0D	9.577	-218.41	-37.13	-17.61	-8.64	-4.13
-14.0D	9.916	-232.22	-28.72	-24.48	-8.46	-5.18
-15.0D	10.155	-245.22	-17.51	-28.74	-8.16	-6.05
-16.0D	10.270	-257.77	-4.88	-30.71	-7.73	-6.76
-17.0D	10.254	-270.19	7.94	-30.62	-7.16	-7.34
-18.0D	10.110	-282.79	19.90	-28.55	-6.44	-7.79
-19.0	9.852	-295.90	30.29	-24.31	-5.57	-8.13
-20.0	9.496	-309.84	39.06	-17.43	-4.51	-8.36
-21.0	9.059	-324.99	46.19	-7.09	-3.26	-8.45
-22.0E	8.566	-341.82	48.92	7.13	-1.81	-8.37
-23.0F	8.098	-360.71	40.17	23.06	-0.17	-8.10
-24.0F	7.794	-381.53	17.37	34.54	1.58	-7.63
-25.0	7.763	-403.25	-11.39	35.46	3.34	-7.01
-26.0	8.012	-424.34	-36.00	25.34	5.01	-6.26
-27.0F	8.464	-443.61	-50.53	9.27	6.49	-5.44
-28.0F	9.006	-460.69	-53.48	-6.67	7.74	-4.61
-29.0E	9.524	-475.84	-46.58	-18.92	8.73	-3.81
-30.0E	9.937	-489.55	-33.45	-26.77	9.46	-3.03

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-25.00	0.0	10.00
-1.0	9.994	-13.16	6.28	-25.00	-0.91	9.95
-2.0	9.870	-26.50	18.10	-22.75	-1.83	9.70
-3.0	9.623	-40.35	30.13	-17.74	-2.75	9.22
-4.0C	9.258	-55.13	40.64	-9.27	-3.69	8.49
-5.0C	8.813	-71.32	44.74	2.64	-4.64	7.49
-6.0D	8.384	-89.23	37.16	15.74	-5.58	6.25
-7.0	8.088	-108.77	19.59	25.77	-6.49	4.82
-8.0	7.995	-129.25	-1.43	29.07	-7.30	3.26
-9.0	8.110	-149.66	-20.50	24.69	-7.95	1.62
-10.0	8.395	-169.07	-34.18	14.65	-8.40	0.01
-11.0	8.787	-186.95	-41.33	2.33	-8.66	-1.52
-12.0	9.220	-203.20	-42.35	-9.45	-8.76	-2.89
-13.0D	9.635	-217.97	-38.01	-19.07	-8.72	-4.09
-14.0D	9.982	-231.59	-29.30	-25.93	-8.57	-5.12
-15.0D	10.224	-244.41	-17.60	-30.13	-8.30	-5.97
-16.0D	10.337	-256.77	-4.41	-31.99	-7.89	-6.67
-17.0D	10.314	-269.02	8.86	-31.80	-7.35	-7.23
-18.0D	10.160	-281.48	21.01	-29.65	-6.65	-7.68
-19.0	9.891	-294.45	31.27	-25.38	-5.79	-8.02
-20.0	9.526	-308.27	39.81	-18.52	-4.76	-8.25
-21.0	9.080	-323.31	47.23	-8.14	-3.52	-8.37
-22.0E	8.572	-340.05	51.05	6.48	-2.07	-8.32
-23.0F	8.077	-358.94	42.82	23.34	-0.42	-8.07
-24.0F	7.752	-379.89	18.72	35.71	1.35	-7.63
-25.0	7.717	-401.83	-11.91	36.74	3.15	-7.05
-26.0	7.979	-423.09	-38.01	25.90	4.85	-6.34
-27.0F	8.457	-442.41	-53.36	8.79	6.37	-5.57
-28.0F	9.028	-459.41	-56.17	-7.96	7.65	-4.79
-29.0E	9.569	-474.41	-48.21	-20.49	8.67	-4.04
-30.0E	9.991	-487.95	-33.69	-28.24	9.43	-3.31

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-25.00	0.0	10.00
-1.0	9.995	-13.16	6.09	-25.04	-0.91	9.95
-2.0	9.873	-26.49	17.93	-22.83	-1.83	9.70
-3.0	9.626	-40.33	30.31	-17.80	-2.75	9.23
-4.0C	9.257	-55.11	41.43	-9.15	-3.69	8.49
-5.0C	8.802	-71.33	45.76	3.10	-4.63	7.48
-6.0D	8.366	-89.32	37.29	16.43	-5.58	6.23
-7.0	8.074	-108.94	18.56	26.28	-6.50	4.80
-8.0	7.995	-129.46	-2.97	29.03	-7.31	3.23
-9.0	8.126	-149.82	-21.92	24.06	-7.97	1.60
-10.0	8.424	-169.12	-35.33	13.62	-8.42	-0.00
-11.0	8.827	-186.85	-42.38	1.05	-8.70	-1.51
-12.0	9.271	-202.92	-43.42	-10.89	-8.82	-2.86
-13.0D	9.696	-217.51	-38.93	-20.57	-8.81	-4.05
-14.0D	10.051	-230.93	-29.76	-27.39	-8.69	-5.05
-15.0D	10.294	-243.56	-17.38	-31.46	-8.44	-5.89
-16.0D	10.401	-255.75	-3.49	-33.15	-8.06	-6.57
-17.0D	10.365	-267.85	10.32	-32.77	-7.53	-7.12
-18.0D	10.195	-280.19	22.66	-30.43	-6.85	-7.55
-19.0	9.910	-293.08	32.69	-26.01	-5.99	-7.89
-20.0	9.533	-306.84	40.82	-19.03	-4.96	-8.14
-21.0	9.077	-321.85	48.26	-8.47	-3.73	-8.27
-22.0E	8.555	-338.60	52.74	6.64	-2.28	-8.25
-23.0F	8.043	-357.59	44.36	24.28	-0.61	-8.02
-24.0	7.709	-378.73	18.54	37.02	1.19	-7.62
-25.0	7.685	-400.84	-13.79	37.52	3.01	-7.07
-26.0	7.973	-422.17	-40.82	25.57	4.74	-6.41
-27.0F	8.481	-441.41	-56.33	7.40	6.28	-5.69
-28.0F	9.078	-458.23	-58.30	-9.85	7.59	-4.98
-29.0E	9.633	-473.00	-48.75	-22.31	8.63	-4.28
-30.0E	10.053	-486.34	-32.69	-29.68	9.39	-3.60

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-25.00	0.0	10.00
-1.0	9.996	-13.16	5.91	-25.07	-0.91	9.95
-2.0	9.876	-26.48	17.76	-22.91	-1.83	9.71
-3.0	9.630	-40.31	30.48	-17.86	-2.75	9.23
-4.0C	9.255	-55.09	42.22	-9.04	-3.68	8.49
-5.0C	8.790	-71.34	46.76	3.55	-4.63	7.47
-6.0D	8.348	-89.40	37.38	17.11	-5.58	6.21
-7.0	8.062	-109.10	17.52	26.74	-6.50	4.77
-8.0	7.996	-129.64	-4.46	28.96	-7.33	3.21
-9.0	8.142	-149.96	-23.31	23.43	-7.99	1.59
-10.0	8.454	-169.15	-36.51	12.58	-8.45	-0.01
-11.0	8.868	-186.73	-43.53	-0.26	-8.74	-1.50
-12.0D	9.324	-202.62	-44.58	-12.37	-8.88	-2.83
-13.0D	9.760	-217.02	-39.83	-22.10	-8.90	-4.00
-14.0D	10.121	-230.24	-30.02	-28.82	-8.81	-4.98
-15.0D	10.362	-242.68	-16.79	-32.70	-8.59	-5.80
-16.0D	10.459	-254.71	-2.08	-34.14	-8.23	-6.46
-17.0D	10.406	-266.69	12.31	-33.49	-7.71	-6.99
-18.0D	10.214	-278.95	24.80	-30.87	-7.02	-7.42
-19.0	9.909	-291.80	34.45	-26.19	-6.17	-7.76
-20.0	9.517	-305.58	42.02	-18.96	-5.13	-8.01
-21.0	9.050	-320.64	49.34	-8.07	-3.89	-8.17
-22.0E	8.515	-337.51	54.09	7.64	-2.42	-8.16
-23.0F	7.992	-356.69	44.72	25.91	-0.73	-7.96
-24.0	7.667	-378.07	16.66	38.44	1.10	-7.59
-25.0	7.671	-400.33	-17.13	37.71	2.94	-7.08
-26.0	7.994	-421.60	-44.50	24.24	4.69	-6.47
-27.0F	8.538	-440.62	-59.39	5.06	6.25	-5.82
-28.0F	9.159	-457.14	-59.65	-12.33	7.56	-5.17
-29.0E	9.717	-471.62	-48.01	-24.30	8.60	-4.53
-30.0E	10.121	-484.74	-30.36	-31.01	9.34	-3.89

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-20.00	0.0	10.00
-1.0	10.005	-13.45	4.16	-20.17	-0.97	9.96
-2.0	9.914	-27.01	13.71	-18.50	-1.92	9.73
-3.0	9.724	-40.96	23.27	-14.70	-2.88	9.29
-4.0	9.441	-55.63	31.75	-8.35	-3.84	8.63
-5.0C	9.088	-71.35	36.40	0.59	-4.79	7.72
-6.0D	8.723	-88.40	33.29	10.90	-5.72	6.59
-7.0D	8.438	-106.79	21.25	19.74	-6.60	5.26
-8.0	8.307	-126.11	3.88	23.90	-7.39	3.79
-9.0	8.359	-145.58	-13.70	21.84	-8.05	2.25
-10.0	8.575	-164.42	-27.60	14.49	-8.55	0.70
-11.0	8.904	-182.06	-35.87	4.36	-8.87	-0.78
-12.0D	9.288	-198.31	-38.17	-5.94	-9.04	-2.15
-13.0D	9.666	-213.25	-35.09	-14.69	-9.06	-3.37
-14.0D	9.991	-227.12	-27.76	-21.13	-8.95	-4.44
-15.0D	10.225	-240.21	-17.57	-25.23	-8.71	-5.35
-16.0D	10.345	-252.85	-5.91	-27.20	-8.34	-6.12
-17.0D	10.345	-265.33	5.97	-27.27	-7.82	-6.77
-18.0D	10.226	-277.96	17.00	-25.56	-7.16	-7.30
-19.0D	10.003	-291.01	26.29	-22.02	-6.33	-7.74
-20.0	9.696	-304.76	33.51	-16.45	-5.34	-8.09
-21.0	9.324	-319.50	38.92	-8.43	-4.18	-8.34
-22.0	8.907	-335.56	42.07	2.43	-2.82	-8.45
-23.0E	8.483	-353.24	39.35	15.52	-1.28	-8.39
-24.0F	8.140	-372.65	25.67	27.48	0.40	-8.13
-25.0F	7.992	-393.29	2.37	32.86	2.14	-7.70
-26.0F	8.096	-414.02	-22.24	28.55	3.84	-7.12
-27.0F	8.424	-433.64	-40.31	16.68	5.42	-6.45
-28.0F	8.885	-451.46	-48.14	2.36	6.80	-5.72
-29.0E	9.374	-467.44	-45.99	-10.12	7.95	-4.96
-30.0E	9.802	-481.90	-36.76	-19.01	8.85	-4.21

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-20.00	0.0	10.00
-1.0	10.006	-13.45	3.98	-20.21	-0.97	9.96
-2.0	9.917	-27.00	13.53	-18.59	-1.92	9.73
-3.0	9.728	-40.94	23.38	-14.77	-2.88	9.29
-4.0	9.441	-55.60	32.44	-8.28	-3.83	8.63
-5.0C	9.078	-71.35	37.55	0.98	-4.78	7.72
-6.0D	8.703	-88.47	34.04	11.66	-5.71	6.57
-7.0D	8.416	-106.96	20.76	20.55	-6.59	5.23
-8.0	8.296	-126.36	2.22	24.27	-7.40	3.76
-9.0	8.369	-145.84	-15.92	21.45	-8.07	2.22
-10.0	8.607	-164.57	-29.90	13.31	-8.58	0.68
-11.0	8.960	-182.03	-37.99	2.60	-8.93	-0.78
-12.0D	9.363	-198.03	-39.89	-8.02	-9.12	-2.12
-13.0D	9.756	-212.70	-36.12	-16.82	-9.18	-3.31
-14.0D	10.087	-226.28	-27.82	-23.10	-9.10	-4.35
-15.0D	10.315	-239.12	-16.58	-26.91	-8.89	-5.23
-16.0D	10.421	-251.54	-3.97	-28.53	-8.54	-5.97
-17.0D	10.397	-263.86	8.61	-28.22	-8.04	-6.60
-18.0D	10.249	-276.38	19.88	-26.11	-7.37	-7.12
-19.0D	9.998	-289.40	28.88	-22.15	-6.55	-7.56
-20.0	9.667	-303.19	35.46	-16.16	-5.55	-7.92
-21.0	9.278	-318.03	40.37	-7.69	-4.37	-8.19
-22.0	8.847	-334.25	43.45	3.81	-2.99	-8.32
-23.0E	8.411	-352.19	40.20	17.66	-1.42	-8.29
-24.0F	8.069	-371.93	24.45	29.85	0.29	-8.06
-25.0F	7.946	-392.86	-1.33	34.25	2.07	-7.67
-26.0F	8.096	-413.68	-27.18	28.08	3.80	-7.15
-27.0F	8.474	-433.15	-44.91	14.52	5.40	-6.53
-28.0F	8.974	-450.65	-51.04	-0.58	6.79	-5.87
-29.0E	9.481	-466.25	-46.55	-12.92	7.94	-5.18
-30.0E	9.903	-480.38	-35.21	-21.19	8.83	-4.49

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-20.00	0.0	10.00
-1.0	10.007	-13.44	3.79	-20.25	-0.96	9.96
-2.0	9.920	-26.99	13.34	-18.67	-1.92	9.73
-3.0	9.732	-40.92	23.47	-14.85	-2.88	9.30
-4.0	9.441	-55.58	33.11	-8.22	-3.83	8.63
-5.0C	9.068	-71.34	38.69	1.36	-4.78	7.71
-6.0D	8.683	-88.53	34.75	12.40	-5.70	6.55
-7.0D	8.395	-107.13	20.21	21.32	-6.59	5.20
-8.0	8.287	-126.60	0.57	24.58	-7.40	3.72
-9.0	8.379	-146.07	-18.10	20.99	-8.09	2.19
-10.0	8.641	-164.70	-32.17	12.11	-8.62	0.66
-11.0	9.016	-181.97	-40.11	0.84	-8.98	-0.78
-12.0D	9.439	-197.72	-41.57	-10.06	-9.20	-2.09
-13.0D	9.846	-212.12	-36.95	-18.85	-9.29	-3.25
-14.0D	10.179	-225.44	-27.52	-24.90	-9.25	-4.25
-15.0C	10.398	-238.04	-15.10	-28.35	-9.06	-5.10
-16.0C	10.484	-250.28	-1.50	-29.55	-8.72	-5.82
-17.0D	10.430	-262.48	11.72	-28.79	-8.22	-6.42
-18.0D	10.250	-274.96	23.10	-26.19	-7.55	-6.93
-19.0D	9.968	-288.01	31.58	-21.74	-6.71	-7.37
-20.0	9.614	-301.91	37.28	-15.26	-5.69	-7.75
-21.0	9.210	-316.93	41.59	-6.23	-4.49	-8.04
-22.0	8.768	-333.41	44.40	5.97	-3.09	-8.21
-23.0E	8.326	-351.69	39.98	20.44	-1.48	-8.19
-24.0F	8.000	-371.81	21.48	32.31	0.27	-7.99
-25.0F	7.920	-392.98	-6.64	34.97	2.08	-7.64
-26.0F	8.129	-413.77	-32.95	26.50	3.83	-7.17
-27.0F	8.560	-432.93	-49.30	11.37	5.43	-6.62
-28.0E	9.093	-449.99	-52.81	-4.01	6.81	-6.03
-29.0E	9.603	-465.17	-45.54	-15.71	7.94	-5.40
-30.0E	10.004	-478.97	-32.18	-23.06	8.80	-4.75

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-20.00	0.0	10.00
-1.0	10.008	-13.44	3.61	-20.29	-0.96	9.96
-2.0	9.923	-26.98	13.14	-18.76	-1.92	9.74
-3.0	9.736	-40.90	23.54	-14.93	-2.87	9.30
-4.0	9.442	-55.55	33.76	-8.17	-3.83	8.63
-5.0C	9.059	-71.33	39.81	1.73	-4.77	7.70
-6.0D	8.664	-88.59	35.41	13.11	-5.70	6.53
-7.0D	8.375	-107.28	19.61	22.03	-6.59	5.17
-8.0	8.279	-126.82	-1.08	24.82	-7.41	3.69
-9.0	8.391	-146.28	-20.23	20.50	-8.11	2.16
-10.0	8.676	-164.80	-34.41	10.88	-8.65	0.65
-11.0	9.073	-181.87	-42.22	-0.92	-9.04	-0.77
-12.0D	9.516	-197.39	-43.16	-12.05	-9.29	-2.05
-13.0D	9.934	-211.52	-37.53	-20.75	-9.41	-3.18
-14.0C	10.266	-224.60	-26.81	-26.50	-9.39	-4.15
-15.0C	10.472	-237.00	-13.16	-29.53	-9.22	-4.97
-16.0C	10.532	-249.09	1.42	-30.27	-8.88	-5.66
-17.0D	10.446	-261.21	15.19	-29.01	-8.37	-6.25
-18.0D	10.230	-273.70	26.48	-25.87	-7.68	-6.75
-19.0D	9.917	-286.84	34.15	-20.87	-6.82	-7.20
-20.0	9.542	-300.91	38.82	-13.85	-5.78	-7.59
-21.0	9.126	-316.18	42.54	-4.21	-4.55	-7.91
-22.0	8.675	-332.99	44.95	8.73	-3.12	-8.10
-23.0E	8.236	-351.68	38.67	23.63	-1.47	-8.10
-24.0F	7.939	-372.18	16.93	34.59	0.32	-7.93
-25.0F	7.918	-393.52	-13.12	34.87	2.15	-7.62
-26.0F	8.193	-414.13	-39.02	23.92	3.90	-7.20
-27.0F	8.675	-432.86	-53.04	7.56	5.49	-6.72
-28.0E	9.230	-449.42	-53.20	-7.56	6.85	-6.18
-29.0E	9.728	-464.18	-43.06	-18.23	7.95	-5.61
-30.0	10.094	-477.68	-28.00	-24.48	8.77	-4.99

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-15.00	0.0	10.00
-1.0	10.017	-13.73	1.82	-15.39	-1.02	9.97
-2.0	9.961	-27.51	9.10	-14.38	-2.02	9.75
-3.0	9.830	-41.55	16.55	-11.75	-3.01	9.36
-4.0	9.624	-56.09	23.51	-7.26	-3.98	8.76
-5.0C	9.356	-71.39	28.38	-0.82	-4.94	7.95
-6.0C	9.060	-87.67	28.48	6.98	-5.85	6.92
-7.0D	8.798	-105.02	21.62	14.44	-6.70	5.70
-8.0D	8.639	-123.22	8.77	19.11	-7.48	4.33
-9.0	8.626	-141.78	-6.39	19.18	-8.14	2.87
-10.0	8.764	-160.04	-19.94	14.60	-8.65	1.38
-11.0D	9.020	-177.47	-29.32	6.89	-9.02	-0.07
-12.0D	9.345	-193.78	-33.49	-1.82	-9.23	-1.44
-13.0D	9.687	-208.93	-32.55	-9.78	-9.31	-2.69
-14.0D	9.997	-223.08	-27.36	-16.03	-9.25	-3.80
-15.0D	10.237	-236.45	-19.15	-20.29	-9.06	-4.77
-16.0D	10.383	-249.32	-9.23	-22.67	-8.73	-5.62
-17.0D	10.423	-261.96	1.24	-23.32	-8.27	-6.34
-18.0D	10.359	-274.62	11.22	-22.40	-7.67	-6.96
-19.0D	10.199	-287.56	19.77	-19.97	-6.92	-7.49
-20.0D	9.962	-301.01	26.27	-16.02	-6.02	-7.93
-21.0	9.669	-315.18	30.67	-10.47	-4.97	-8.29
-22.0	9.340	-330.29	33.37	-3.16	-3.76	-8.55
-23.0	8.993	-346.54	34.01	5.94	-2.39	-8.67
-24.0E	8.660	-364.10	30.16	16.05	-0.87	-8.62
-25.0E	8.403	-382.94	18.68	24.65	0.76	-8.37
-26.0F	8.301	-402.62	0.40	28.13	2.42	-7.94
-27.0F	8.398	-422.31	-19.03	24.53	4.04	-7.36
-28.0F	8.674	-441.12	-33.60	15.34	5.53	-6.68
-29.0F	9.058	-458.52	-40.20	4.12	6.85	-5.93
-30.0E	9.469	-474.44	-38.93	-6.01	7.95	-5.14

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-15.00	0.0	10.00
-1.0	10.018	-13.73	1.63	-15.43	-1.02	9.97
-2.0	9.964	-27.50	8.89	-14.46	-2.02	9.76
-3.0	9.834	-41.53	16.57	-11.85	-3.01	9.36
-4.0	9.626	-56.06	24.02	-7.26	-3.98	8.77
-5.0C	9.350	-71.37	29.48	-0.55	-4.93	7.94
-6.0C	9.041	-87.71	29.69	7.66	-5.84	6.90
-7.0D	8.770	-105.16	22.02	15.42	-6.70	5.66
-8.0D	8.614	-123.48	7.79	19.97	-7.47	4.28
-9.0	8.618	-142.12	-8.53	19.44	-8.14	2.82
-10.0	8.780	-160.36	-22.70	13.99	-8.68	1.33
-11.0D	9.066	-177.66	-32.15	5.47	-9.06	-0.10
-12.0D	9.418	-193.75	-35.89	-3.78	-9.31	-1.44
-13.0D	9.781	-208.62	-34.07	-11.94	-9.41	-2.66
-14.0D	10.100	-222.47	-27.69	-18.09	-9.38	-3.74
-15.0C	10.336	-235.57	-18.22	-22.06	-9.22	-4.68
-16.0C	10.467	-248.20	-7.16	-24.04	-8.91	-5.49
-17.0D	10.482	-260.66	4.17	-24.24	-8.46	-6.19
-18.0D	10.385	-273.22	14.58	-22.82	-7.86	-6.79
-19.0D	10.191	-286.14	22.98	-19.87	-7.10	-7.31
-20.0D	9.924	-299.65	28.76	-15.41	-6.19	-7.76
-21.0	9.610	-313.95	32.23	-9.39	-5.12	-8.14
-22.0	9.269	-329.26	34.26	-1.61	-3.88	-8.42
-23.0	8.915	-345.77	34.54	8.01	-2.48	-8.56
-24.0E	8.580	-363.64	29.88	18.55	-0.93	-8.53
-25.0F	8.334	-382.82	16.55	26.98	0.73	-8.30
-26.0F	8.265	-402.75	-3.71	29.30	2.43	-7.90
-27.0F	8.410	-422.49	-23.95	23.96	4.07	-7.36
-28.0F	8.733	-441.14	-37.79	13.33	5.57	-6.72
-29.0E	9.152	-458.23	-42.52	1.52	6.89	-6.03
-30.0E	9.574	-473.79	-39.01	-8.42	7.98	-5.29

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-15.00	0.0	10.00
-1.0	10.019	-13.73	1.45	-15.47	-1.02	9.97
-2.0	9.968	-27.49	8.68	-14.55	-2.02	9.76
-3.0	9.839	-41.50	16.56	-11.95	-3.00	9.37
-4.0	9.629	-56.03	24.51	-7.27	-3.98	8.77
-5.0C	9.344	-71.34	30.57	-0.30	-4.92	7.94
-6.0C	9.023	-87.73	30.88	8.32	-5.83	6.88
-7.0D	8.743	-105.29	22.34	16.36	-6.69	5.63
-8.0D	8.591	-123.73	6.73	20.76	-7.47	4.24
-9.0	8.612	-142.43	-10.69	19.60	-8.15	2.77
-10.0	8.800	-160.64	-25.41	13.30	-8.70	1.29
-11.0D	9.113	-177.80	-34.88	4.01	-9.11	-0.13
-12.0D	9.492	-193.67	-38.10	-5.71	-9.38	-1.44
-13.0D	9.872	-208.28	-35.26	-13.96	-9.52	-2.63
-14.0D	10.196	-221.86	-27.57	-19.91	-9.51	-3.67
-15.0C	10.425	-234.71	-16.79	-23.52	-9.37	-4.58
-16.0C	10.535	-247.15	-4.61	-25.04	-9.07	-5.36
-17.0C	10.520	-259.49	7.49	-24.74	-8.62	-6.03
-18.0D	10.387	-272.00	18.15	-22.78	-8.00	-6.62
-19.0D	10.158	-284.96	26.13	-19.27	-7.23	-7.14
-20.0	9.864	-298.60	30.90	-14.29	-6.29	-7.60
-21.0	9.534	-313.10	33.28	-7.80	-5.19	-7.99
-22.0	9.186	-328.67	34.65	0.44	-3.93	-8.30
-23.0	8.830	-345.49	34.48	10.52	-2.50	-8.47
-24.0E	8.500	-363.72	28.63	21.26	-0.91	-8.45
-25.0F	8.278	-383.22	13.16	29.05	0.79	-8.24
-26.0F	8.254	-403.33	-8.77	29.73	2.50	-7.86
-27.0F	8.452	-423.00	-29.04	22.50	4.15	-7.36
-28.0F	8.820	-441.36	-41.30	10.70	5.65	-6.77
-29.0E	9.262	-458.07	-43.57	-1.23	6.95	-6.12
-30.0E	9.683	-473.28	-37.71	-10.58	8.02	-5.42

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-15.00	0.0	10.00
-1.0	10.020	-13.72	1.26	-15.51	-1.01	9.97
-2.0	9.971	-27.48	8.46	-14.64	-2.01	9.77
-3.0	9.844	-41.48	16.54	-12.05	-3.00	9.38
-4.0	9.631	-55.99	24.98	-7.29	-3.97	8.77
-5.0C	9.339	-71.32	31.63	-0.06	-4.92	7.94
-6.0C	9.006	-87.76	32.04	8.96	-5.82	6.87
-7.0D	8.718	-105.41	22.58	17.26	-6.68	5.60
-8.0D	8.570	-123.96	5.62	21.47	-7.47	4.20
-9.0	8.608	-142.72	-12.85	19.67	-8.16	2.73
-10.0	8.821	-160.89	-28.07	12.53	-8.73	1.26
-11.0D	9.162	-177.91	-37.51	2.53	-9.16	-0.14
-12.0D	9.565	-193.55	-40.11	-7.56	-9.46	-1.43
-13.0D	9.960	-207.91	-36.11	-15.82	-9.62	-2.59
-14.0C	10.286	-221.24	-27.01	-21.50	-9.64	-3.60
-15.0C	10.502	-233.88	-14.91	-24.69	-9.50	-4.47
-16.0C	10.587	-246.16	-1.69	-25.73	-9.21	-5.23
-17.0C	10.538	-258.42	11.06	-24.89	-8.74	-5.88
-18.0D	10.368	-270.94	21.76	-22.36	-8.11	-6.46
-19.0D	10.105	-284.00	29.01	-18.27	-7.31	-6.98
-20.0	9.788	-297.82	32.52	-12.77	-6.34	-7.46
-21.0	9.448	-312.58	33.80	-5.85	-5.22	-7.87
-22.0	9.098	-328.44	34.62	2.80	-3.93	-8.21
-23.0	8.744	-345.60	33.94	13.26	-2.46	-8.39
-24.0E	8.426	-364.19	26.56	23.96	-0.83	-8.39
-25.0F	8.237	-383.99	8.86	30.69	0.89	-8.19
-26.0F	8.264	-404.18	-14.26	29.44	2.62	-7.84
-27.0F	8.516	-423.68	-33.82	20.41	4.27	-7.37
-28.0E	8.923	-441.69	-43.85	7.84	5.76	-6.82
-29.0E	9.377	-458.01	-43.38	-3.80	7.03	-6.20
-30.0E	9.784	-472.89	-35.33	-12.33	8.07	-5.53

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-10.00	0.0	10.00
-1.0	10.029	-14.01	-0.57	-10.63	-1.07	9.97
-2.0	10.010	-28.00	4.43	-10.30	-2.11	9.78
-3.0	9.937	-42.12	9.79	-8.85	-3.13	9.43
-4.0	9.810	-56.53	15.13	-6.13	-4.13	8.90
-5.0	9.630	-71.42	19.67	-2.04	-5.08	8.18
-6.0C	9.415	-86.96	21.96	3.24	-5.99	7.27
-7.0C	9.195	-103.26	20.17	8.98	-6.82	6.17
-8.0D	9.020	-120.29	13.34	13.77	-7.57	4.91
-9.0D	8.936	-137.82	2.64	15.99	-8.20	3.54
-10.0D	8.970	-155.45	-9.17	14.75	-8.72	2.12
-11.0D	9.117	-172.69	-19.29	10.33	-9.09	0.69
-12.0D	9.352	-189.20	-25.89	3.98	-9.33	-0.70
-13.0D	9.633	-204.81	-28.27	-2.81	-9.42	-2.00
-14.0D	9.916	-219.50	-26.62	-8.89	-9.39	-3.19
-15.0D	10.166	-233.40	-21.73	-13.62	-9.23	-4.26
-16.0D	10.353	-246.72	-14.61	-16.82	-8.95	-5.20
-17.0D	10.461	-259.65	-6.31	-18.53	-8.55	-6.03
-18.0D	10.482	-272.42	2.24	-18.87	-8.03	-6.74
-19.0D	10.417	-285.25	10.17	-17.94	-7.37	-7.36
-20.0D	10.278	-298.33	16.74	-15.84	-6.59	-7.89
-21.0D	10.081	-311.83	21.45	-12.63	-5.68	-8.33
-22.0	9.846	-325.92	24.28	-8.39	-4.64	-8.68
-23.0	9.590	-340.72	25.65	-3.13	-3.47	-8.94
-24.0	9.325	-356.34	25.79	3.11	-2.18	-9.07
-25.0	9.068	-372.87	24.06	10.06	-0.77	-9.04
-26.0E	8.845	-390.33	18.81	16.76	0.72	-8.82
-27.0E	8.700	-408.57	8.86	21.44	2.25	-8.40
-28.0E	8.676	-427.18	-4.43	22.27	3.76	-7.82
-29.0F	8.790	-445.61	-17.55	18.68	5.19	-7.09
-30.0E	9.022	-463.31	-27.04	11.86	6.49	-6.27

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-10.00	0.0	10.00
-1.0	10.030	-14.01	-0.76	-10.67	-1.07	9.97
-2.0	10.013	-27.99	4.20	-10.39	-2.11	9.79
-3.0	9.942	-42.10	9.71	-8.97	-3.13	9.44
-4.0	9.814	-56.50	15.43	-6.20	-4.12	8.90
-5.0	9.629	-71.38	20.54	-1.93	-5.08	8.18
-6.0C	9.401	-86.95	23.31	3.72	-5.98	7.26
-7.0C	9.168	-103.33	21.41	9.90	-6.81	6.14
-8.0D	8.984	-120.50	13.64	14.95	-7.55	4.86
-9.0D	8.904	-138.18	1.54	17.02	-8.20	3.48
-10.0D	8.956	-155.90	-11.50	15.17	-8.72	2.05
-11.0D	9.131	-173.15	-22.30	9.90	-9.11	0.62
-12.0D	9.397	-189.55	-28.94	2.76	-9.37	-0.76
-13.0D	9.707	-204.95	-30.75	-4.56	-9.49	-2.04
-14.0D	10.011	-219.38	-28.08	-10.83	-9.49	-3.20
-15.0C	10.269	-233.01	-21.93	-15.47	-9.36	-4.23
-16.0C	10.452	-246.06	-13.56	-18.40	-9.10	-5.15
-17.0C	10.543	-258.77	-4.17	-19.73	-8.71	-5.94
-18.CD	10.537	-271.38	5.17	-19.62	-8.19	-6.63
-19.0D	10.441	-284.11	13.44	-18.20	-7.53	-7.23
-20.0D	10.269	-297.18	19.78	-15.60	-6.74	-7.75
-21.0D	10.045	-310.75	23.71	-11.94	-5.81	-8.19
-22.0	9.791	-324.97	25.54	-7.32	-4.76	-8.56
-23.0	9.527	-339.95	26.06	-1.77	-3.57	-8.83
-24.0	9.261	-355.78	25.75	4.71	-2.25	-8.98
-25.0	9.005	-372.55	23.76	11.86	-0.82	-8.97
-26.0E	8.788	-390.25	17.97	18.62	0.70	-8.76
-27.0E	8.656	-408.71	7.03	22.99	2.26	-8.36
-28.0F	8.656	-427.48	-7.23	23.05	3.79	-7.78
-29.0F	8.801	-445.93	-20.67	18.46	5.24	-7.07
-30.0E	9.063	-463.53	-29.63	10.85	6.54	-6.27

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-10.00	0.0	10.00
-1.0	10.031	-14.01	-0.94	-10.71	-1.07	9.97
-2.0	10.016	-27.98	3.96	-10.48	-2.11	9.79
-3.0	9.948	-42.07	9.61	-9.09	-3.13	9.44
-4.0	9.818	-56.46	15.71	-6.28	-4.12	8.91
-5.0	9.628	-71.34	21.39	-1.82	-5.07	8.18
-6.0C	9.389	-86.93	24.65	4.17	-5.97	7.25
-7.0C	9.142	-103.39	22.61	10.78	-6.80	6.11
-8.0D	8.950	-120.69	13.83	16.08	-7.54	4.82
-9.0D	8.875	-138.51	0.31	17.95	-8.19	3.42
-10.0D	8.946	-156.31	-13.88	15.45	-8.72	1.98
-11.0D	9.149	-173.54	-25.26	9.33	-9.13	0.55
-12.0D	9.446	-189.82	-31.82	1.46	-9.41	-0.81
-13.0D	9.781	-205.02	-32.92	-6.28	-9.56	-2.06
-14.0D	10.102	-219.20	-29.08	-12.62	-9.58	-3.20
-15.0C	10.364	-232.57	-21.60	-17.07	-9.47	-4.20
-16.0C	10.537	-245.40	-11.96	-19.65	-9.23	-5.08
-17.0C	10.606	-257.93	-1.55	-20.54	-8.85	-5.85
-18.0C	10.570	-270.44	8.44	-19.94	-8.32	-6.51
-19.0D	10.439	-283.15	16.83	-17.99	-7.65	-7.10
-20.0D	10.234	-296.27	22.63	-14.86	-6.84	-7.61
-21.0D	9.986	-309.97	25.49	-10.76	-5.89	-8.06
-22.0	9.721	-324.39	26.13	-5.82	-4.81	-8.45
-23.0	9.455	-339.59	25.83	-0.07	-3.60	-8.74
-24.0	9.194	-355.67	25.13	6.55	-2.25	-8.91
-25.0	8.946	-372.68	22.85	13.75	-0.79	-8.91
-26.0E	8.740	-390.62	16.44	20.35	0.75	-8.71
-27.0E	8.629	-409.26	4.59	24.14	2.33	-8.31
-28.0F	8.657	-428.10	-10.29	23.26	3.88	-7.74
-29.0F	8.833	-446.50	-23.54	17.73	5.33	-7.05
-30.0E	9.120	-463.94	-31.49	9.56	6.63	-6.26

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-10.00	0.0	10.00
-1.0	10.032	-14.00	-1.13	-10.75	-1.06	9.98
-2.0	10.020	-27.97	3.72	-10.58	-2.11	9.80
-3.0	9.953	-42.05	9.49	-9.22	-3.13	9.45
-4.0	9.823	-56.42	15.96	-6.37	-4.12	8.92
-5.0	9.627	-71.29	22.21	-1.74	-5.06	8.19
-6.0C	9.377	-86.91	25.96	4.60	-5.96	7.24
-7.0C	9.117	-103.45	23.77	11.64	-6.78	6.09
-8.0D	8.918	-120.87	13.92	17.15	-7.53	4.78
-9.CD	8.849	-138.82	-1.01	18.77	-8.18	3.37
-10.0D	8.939	-156.69	-16.30	15.59	-8.73	1.92
-11.0D	9.171	-173.89	-28.17	8.65	-9.16	0.50
-12.0D	9.497	-190.03	-34.52	0.11	-9.46	-0.85
-13.0D	9.856	-205.02	-34.76	-7.94	-9.63	-2.08
-14.0C	10.189	-218.96	-29.64	-14.24	-9.68	-3.19
-15.0C	10.450	-232.11	-20.78	-18.42	-9.59	-4.16
-16.0C	10.608	-244.75	-9.93	-20.60	-9.35	-5.01
-17.0C	10.651	-257.15	1.41	-21.02	-8.97	-5.75
-18.0C	10.582	-269.60	11.90	-19.89	-8.43	-6.40
-19.CD	10.415	-282.33	20.16	-17.39	-7.74	-6.97
-20.0D	10.181	-295.57	25.10	-13.76	-6.90	-7.49
-21.0	9.914	-309.46	26.65	-9.25	-5.92	-7.95
-22.0	9.643	-324.10	26.08	-4.08	-4.81	-8.36
-23.0	9.381	-339.56	25.07	1.78	-3.57	-8.67
-24.0	9.130	-355.88	24.11	8.43	-2.20	-8.86
-25.0E	8.894	-373.13	21.57	15.56	-0.72	-8.86
-26.0E	8.704	-391.27	14.54	21.83	0.85	-8.66
-27.0E	8.616	-410.04	1.93	24.91	2.44	-8.26
-28.0F	8.673	-428.90	-13.22	23.07	3.99	-7.70
-29.0E	8.878	-447.19	-25.90	16.75	5.44	-7.02
-30.0E	9.183	-464.45	-32.62	8.27	6.73	-6.25

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-5.00	0.0	10.00
-1.0	10.042	-14.29	-3.01	-5.89	-1.12	9.98
-2.0	10.059	-28.49	-0.29	-6.26	-2.21	9.81
-3.0	10.046	-42.68	2.99	-5.98	-3.26	9.50
-4.0	9.997	-56.96	6.65	-4.94	-4.28	9.04
-5.0	9.909	-71.45	10.37	-3.03	-5.24	8.41
-6.0	9.786	-86.27	13.57	-0.21	-6.13	7.63
-7.0C	9.637	-101.52	15.35	3.37	-6.95	6.68
-8.0C	9.481	-117.29	14.58	7.25	-7.67	5.57
-9.0C	9.350	-133.56	10.52	10.62	-8.28	4.34
-10.0D	9.276	-150.20	3.51	12.49	-8.78	3.01
-11.0D	9.283	-166.96	-4.98	12.16	-9.14	1.62
-12.0D	9.376	-183.53	-13.03	9.57	-9.37	0.23
-13.0D	9.542	-199.63	-19.06	5.32	-9.48	-1.13
-14.0D	9.756	-215.08	-22.20	0.32	-9.45	-2.42
-15.0D	9.986	-229.83	-22.30	-4.55	-9.31	-3.61
-16.0D	10.203	-243.93	-19.70	-8.70	-9.06	-4.69
-17.0D	10.382	-257.47	-15.04	-11.82	-8.71	-5.65
-18.0D	10.506	-270.62	-9.09	-13.84	-8.25	-6.50
-19.0D	10.566	-283.54	-2.57	-14.78	-7.70	-7.24
-20.0D	10.559	-296.40	3.81	-14.73	-7.04	-7.87
-21.0D	10.491	-309.34	9.45	-13.78	-6.28	-8.40
-22.0D	10.370	-322.51	13.85	-12.02	-5.42	-8.84
-23.0D	10.212	-336.04	16.76	-9.56	-4.46	-9.19
-24.0	10.032	-350.00	18.30	-6.50	-3.41	-9.44
-25.0	9.841	-364.48	18.83	-2.91	-2.26	-9.58
-26.0	9.649	-379.53	18.68	1.17	-1.03	-9.59
-27.0	9.462	-395.19	17.82	5.64	0.27	-9.46
-28.0	9.289	-411.47	15.65	10.21	1.61	-9.15
-29.0E	9.149	-428.33	11.30	14.23	2.97	-8.65
-30.0E	9.067	-445.62	4.40	16.77	4.30	-7.98

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-5.00	0.0	10.00
-1.0	10.043	-14.29	-3.19	-5.93	-1.12	9.98
-2.0	10.062	-28.48	-0.55	-6.36	-2.21	9.82
-3.C	10.051	-42.66	2.81	-6.12	-3.26	9.51
-4.0	10.003	-56.92	6.72	-5.08	-4.27	9.05
-5.C	9.913	-71.39	10.87	-3.07	-5.23	8.42
-6.0	9.782	-86.21	14.62	-0.03	-6.12	7.63
-7.CC	9.619	-101.50	16.85	3.93	-6.93	6.67
-8.0C	9.448	-117.37	16.07	8.27	-7.65	5.54
-9.0C	9.304	-133.79	11.27	12.00	-8.26	4.28
-10.0D	9.230	-150.61	2.94	13.88	-8.75	2.93
-11.0D	9.250	-167.53	-6.94	13.13	-9.12	1.52
-12.0D	9.368	-184.18	-15.98	9.80	-9.37	0.12
-13.0D	9.567	-200.26	-22.37	4.72	-9.49	-1.24
-14.0D	9.814	-215.58	-25.24	-0.96	-9.49	-2.51
-15.0D	10.071	-230.11	-24.51	-6.23	-9.37	-3.68
-16.CD	10.305	-243.94	-20.77	-10.49	-9.15	-4.74
-17.0C	10.489	-257.21	-14.86	-13.49	-8.82	-5.67
-18.0C	10.605	-270.11	-7.73	-15.24	-8.39	-6.49
-19.0C	10.646	-282.82	-0.25	-15.81	-7.85	-7.20
-20.0D	10.612	-295.53	6.75	-15.32	-7.19	-7.80
-21.0D	10.512	-308.39	12.54	-13.90	-6.43	-8.31
-22.0D	10.361	-321.56	16.55	-11.70	-5.56	-8.74
-23.0D	10.180	-335.15	18.65	-8.86	-4.59	-9.09
-24.0	9.985	-349.23	19.20	-5.54	-3.52	-9.35
-25.0	9.790	-363.86	18.88	-1.82	-2.35	-9.50
-26.0	9.600	-379.07	18.23	2.31	-1.10	-9.54
-27.0	9.418	-394.88	17.21	6.78	0.21	-9.42
-28.0	9.252	-411.31	15.08	11.34	1.58	-9.12
-29.0E	9.118	-428.31	10.72	15.33	2.95	-8.63
-30.0E	9.042	-445.73	3.61	17.75	4.30	-7.95

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-5.00	0.0	10.00
-1.0	10.044	-14.29	-3.38	-5.97	-1.12	9.98
-2.0	10.066	-28.47	-0.81	-6.45	-2.20	9.82
-3.0	10.057	-42.63	2.62	-6.27	-3.26	9.52
-4.0	10.010	-56.88	6.76	-5.23	-4.27	9.05
-5.0	9.918	-71.33	11.33	-3.14	-5.22	8.43
-6.0	9.779	-86.15	15.63	0.12	-6.11	7.63
-7.CC	9.603	-101.48	18.33	4.46	-6.92	6.66
-8.0C	9.416	-117.43	17.51	9.26	-7.63	5.52
-9.0D	9.262	-134.00	11.89	13.31	-8.24	4.23
-10.0D	9.187	-151.00	2.19	15.16	-8.73	2.86
-11.0D	9.222	-168.05	-9.05	13.93	-9.11	1.44
-12.0D	9.368	-184.76	-18.98	9.81	-9.37	0.03
-13.0D	9.599	-200.78	-25.58	3.93	-9.51	-1.33
-14.0D	9.876	-215.95	-27.97	-2.33	-9.53	-2.59
-15.0D	10.157	-230.26	-26.25	-7.86	-9.44	-3.74
-16.0C	10.402	-243.84	-21.23	-12.09	-9.25	-4.77
-17.0C	10.584	-256.88	-14.03	-14.87	-8.94	-5.67
-18.0C	10.685	-269.57	-5.76	-16.26	-8.51	-6.46
-19.0C	10.701	-282.13	2.57	-16.40	-7.97	-7.14
-20.0D	10.636	-294.75	10.00	-15.42	-7.32	-7.72
-21.0D	10.503	-307.61	15.64	-13.51	-6.54	-8.22
-22.0D	10.324	-320.86	18.93	-10.85	-5.65	-8.64
-23.0	10.124	-334.58	19.91	-7.69	-4.65	-8.99
-24.0	9.922	-348.84	19.32	-4.20	-3.56	-9.26
-25.0	9.730	-363.66	18.16	-0.46	-2.37	-9.44
-26.0	9.550	-379.05	17.08	3.57	-1.10	-9.49
-27.0	9.381	-395.01	16.00	7.88	0.23	-9.38
-28.0	9.226	-411.56	13.99	12.27	1.61	-9.08
-29.0E	9.102	-428.66	9.77	16.08	3.00	-8.59
-30.0E	9.036	-446.14	2.71	18.30	4.36	-7.92

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	-5.00	0.0	10.00
-1.0	10.045	-14.28	-3.57	-6.01	-1.12	9.98
-2.0	10.069	-28.46	-1.08	-6.55	-2.20	9.83
-3.0	10.063	-42.61	2.40	-6.42	-3.26	9.52
-4.0	10.017	-56.83	6.76	-5.39	-4.26	9.06
-5.0	9.923	-71.27	11.75	-3.23	-5.22	8.44
-6.0	9.777	-86.08	16.61	0.24	-6.10	7.64
-7.0C	9.589	-101.44	19.79	4.94	-6.91	6.65
-8.0C	9.386	-117.48	18.92	10.20	-7.61	5.49
-9.0D	9.221	-134.19	12.41	14.56	-8.22	4.19
-10.0D	9.149	-151.35	1.28	16.33	-8.71	2.79
-11.0D	9.200	-168.53	-11.28	14.55	-9.10	1.36
-12.0D	9.373	-185.26	-21.98	9.64	-9.37	-0.06
-13.0D	9.636	-201.21	-28.63	3.01	-9.53	-1.40
-14.0D	9.942	-216.22	-30.37	-3.72	-9.58	-2.65
-15.0C	10.241	-230.31	-27.50	-9.39	-9.52	-3.78
-16.0C	10.492	-243.67	-21.14	-13.49	-9.34	-4.78
-17.0C	10.666	-256.49	-12.66	-15.96	-9.04	-5.65
-18.0C	10.748	-269.02	-3.33	-16.94	-8.63	-6.41
-19.0C	10.735	-281.48	5.71	-16.61	-8.08	-7.07
-20.0D	10.636	-294.07	13.34	-15.12	-7.41	-7.63
-21.0D	10.471	-306.99	18.55	-12.71	-6.61	-8.12
-22.0D	10.267	-320.37	20.79	-9.65	-5.69	-8.55
-23.0	10.054	-334.28	20.43	-6.24	-4.67	-8.91
-24.0	9.854	-348.75	18.68	-2.69	-3.55	-9.19
-25.0	9.673	-363.77	16.80	0.93	-2.34	-9.39
-26.0	9.508	-379.33	15.45	4.73	-1.05	-9.45
-27.0	9.355	-395.42	14.44	8.77	0.30	-9.35
-28.0	9.215	-412.05	12.71	12.89	1.69	-9.06
-29.0E	9.103	-429.19	8.84	16.48	3.08	-8.57
-30.0E	9.044	-446.68	2.10	18.53	4.44	-7.88

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	0.0	0.0	10.00
-1.0	10.054	-14.57	-5.48	-1.16	-1.17	9.99
-2.0	10.109	-28.97	-5.07	-2.27	-2.30	9.84
-3.0	10.155	-43.23	-3.83	-3.16	-3.39	9.57
-4.0	10.185	-57.38	-1.87	-3.68	-4.42	9.17
-5.0	10.192	-71.48	0.69	-3.73	-5.39	8.65
-6.0	10.170	-85.61	3.65	-3.19	-6.28	8.00
-7.0	10.116	-99.85	6.77	-1.99	-7.09	7.22
-8.0	10.032	-114.30	9.62	-0.10	-7.80	6.31
-9.00	9.922	-129.06	11.59	2.40	-8.40	5.28
-10.00	9.801	-144.18	11.91	5.24	-8.89	4.13
-11.00	9.687	-159.68	9.90	7.95	-9.25	2.89
-12.00	9.606	-175.52	5.47	9.87	-9.48	1.57
-13.00	9.581	-191.53	-0.71	10.41	-9.58	0.22
-14.00	9.623	-207.51	-7.40	9.29	-9.56	-1.13
-15.00	9.730	-223.24	-13.29	6.68	-9.42	-2.45
-16.00	9.888	-238.53	-17.42	3.06	-9.17	-3.70
-17.00	10.078	-253.27	-19.30	-0.92	-8.83	-4.85
-18.00	10.275	-267.45	-18.90	-4.70	-8.41	-5.90
-19.00	10.458	-281.10	-16.52	-7.92	-7.92	-6.83
-20.00	10.608	-294.32	-12.62	-10.36	-7.35	-7.64
-21.00	10.713	-307.22	-7.76	-11.98	-6.73	-8.34
-22.00	10.765	-319.93	-2.49	-12.79	-6.04	-8.91
-23.00	10.764	-332.57	2.67	-12.85	-5.28	-9.38
-24.00	10.713	-345.27	7.26	-12.22	-4.46	-9.74
-25.00	10.619	-358.14	10.91	-11.00	-3.57	-10.00
-26.00	10.493	-371.27	13.46	-9.26	-2.61	-10.16
-27.0	10.347	-384.73	14.94	-7.08	-1.59	-10.22
-28.0	10.191	-398.58	15.63	-4.53	-0.52	-10.18
-29.0	10.029	-412.86	15.83	-1.61	0.60	-10.01
-30.0	9.868	-427.60	15.72	1.66	1.76	-9.71

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	0.0	0.0	10.00
-1.0	10.055	-14.57	-5.67	-1.20	-1.17	9.99
-2.0	10.113	-28.96	-5.35	-2.37	-2.30	9.85
-3.0	10.162	-43.21	-4.11	-3.32	-3.39	9.58
-4.0	10.194	-57.33	-2.04	-3.88	-4.42	9.19
-5.0	10.201	-71.41	0.73	-3.93	-5.38	8.66
-6.0	10.177	-85.51	4.03	-3.33	-6.27	8.01
-7.0	10.118	-99.74	7.60	-1.97	-7.07	7.23
-8.0	10.022	-114.20	10.96	0.20	-7.78	6.32
-9.00	9.897	-129.02	13.31	3.11	-8.38	5.27
-10.00	9.757	-144.25	13.59	6.43	-8.85	4.10
-11.00	9.629	-159.94	10.91	9.53	-9.20	2.83
-12.00	9.544	-175.99	5.20	11.57	-9.43	1.48
-13.00	9.529	-192.21	-2.47	11.81	-9.53	0.10
-14.00	9.596	-208.34	-10.41	10.01	-9.51	-1.27
-15.00	9.738	-224.10	-16.98	6.53	-9.39	-2.59
-16.00	9.935	-239.30	-21.12	2.09	-9.16	-3.84
-17.00	10.160	-253.86	-22.40	-2.49	-8.85	-4.98
-18.00	10.384	-267.77	-20.95	-6.58	-8.47	-6.01
-19.00	10.581	-281.13	-17.28	-9.83	-8.01	-6.92
-20.00	10.732	-294.04	-12.05	-12.10	-7.48	-7.70
-21.00	10.824	-306.67	-6.00	-13.41	-6.88	-8.36
-22.00	10.854	-319.15	0.22	-13.81	-6.21	-8.90
-23.00	10.822	-331.64	5.96	-13.41	-5.46	-9.34
-24.00	10.736	-344.26	10.65	-12.30	-4.64	-9.68
-25.00	10.609	-357.13	13.90	-10.61	-3.74	-9.93
-26.00	10.457	-370.33	15.62	-8.48	-2.77	-10.08
-27.0	10.294	-383.92	16.08	-6.04	-1.73	-10.15
-28.0	10.130	-397.93	15.81	-3.34	-0.63	-10.11
-29.0	9.971	-412.39	15.31	-0.39	0.52	-9.96
-30.0	9.817	-427.29	14.83	2.83	1.70	-9.67

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	0.0	0.0	10.00
-1.0	10.056	-14.57	-5.86	-1.24	-1.17	9.99
-2.0	10.116	-28.95	-5.64	-2.47	-2.30	9.85
-3.0	10.168	-43.18	-4.40	-3.48	-3.39	9.59
-4.0	10.203	-57.28	-2.25	-4.10	-4.41	9.20
-5.0	10.212	-71.33	0.71	-4.16	-5.38	8.68
-6.0	10.186	-85.40	4.34	-3.51	-6.26	8.03
-7.0	10.121	-99.61	8.37	-2.00	-7.06	7.25
-8.0	10.016	-114.08	12.25	0.43	-7.76	6.33
-9.00	9.875	-128.94	15.01	3.74	-8.35	5.27
-10.00	9.717	-144.29	15.26	7.55	-8.82	4.08
-11.00	9.575	-160.15	11.84	11.03	-9.16	2.78
-12.00	9.488	-176.40	4.76	13.13	-9.38	1.41
-13.00	9.485	-192.81	-4.44	13.00	-9.49	0.00
-14.00	9.578	-209.05	-13.53	10.47	-9.48	-1.38
-15.00	9.755	-224.81	-20.60	6.12	-9.37	-2.71
-16.00	9.989	-239.91	-24.53	0.95	-9.17	-3.96
-17.00	10.245	-254.26	-24.99	-4.08	-8.89	-5.09
-18.00	10.489	-267.92	-22.32	-8.32	-8.54	-6.10
-19.00	10.693	-281.00	-17.27	-11.46	-8.11	-6.97
-20.00	10.837	-293.66	-10.72	-13.46	-7.60	-7.72
-21.00	10.910	-306.07	-3.55	-14.37	-7.02	-8.35
-22.00	10.910	-318.40	3.45	-14.30	-6.36	-8.87
-23.00	10.843	-330.82	9.51	-13.39	-5.61	-9.28
-24.00	10.722	-343.45	13.96	-11.78	-4.77	-9.60
-25.00	10.564	-356.40	16.43	-9.65	-3.85	-9.84
-26.00	10.392	-369.76	16.99	-7.21	-2.85	-9.99
-27.0	10.221	-383.54	16.25	-4.60	-1.78	-10.06
-28.0	10.061	-397.76	15.01	-1.91	-0.66	-10.04
-29.0	9.914	-412.40	13.91	0.90	0.52	-9.90
-30.0	9.776	-427.47	13.20	3.89	1.72	-9.62

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	0.0	0.0	10.00
-1.0	10.058	-14.56	-6.05	-1.29	-1.17	9.99
-2.0	10.120	-28.94	-5.93	-2.58	-2.30	9.86
-3.0	10.175	-43.15	-4.72	-3.65	-3.38	9.60
-4.0	10.213	-57.23	-2.50	-4.32	-4.41	9.21
-5.0	10.223	-71.24	0.64	-4.41	-5.37	8.70
-6.0	10.197	-85.28	4.57	-3.72	-6.25	8.06
-7.0	10.128	-99.47	9.05	-2.10	-7.05	7.27
-8.0	10.012	-113.94	13.48	0.58	-7.74	6.35
-9.00	9.856	-128.84	16.69	4.29	-8.33	5.27
-10.00	9.681	-144.28	16.93	8.57	-8.79	4.06
-11.00	9.525	-160.30	12.70	12.43	-9.12	2.74
-12.00	9.436	-176.74	4.19	14.56	-9.34	1.34
-13.00	9.447	-193.32	-6.51	14.00	-9.45	-0.08
-14.00	9.567	-209.64	-16.66	10.71	-9.45	-1.48
-15.00	9.778	-225.39	-24.09	5.54	-9.36	-2.81
-16.00	10.046	-240.35	-27.63	-0.28	-9.19	-4.05
-17.00	10.329	-254.50	-27.09	-5.64	-8.94	-5.17
-18.00	10.589	-267.91	-23.09	-9.89	-8.62	-6.15
-19.00	10.793	-280.75	-16.64	-12.82	-8.21	-7.00
-20.00	10.924	-293.20	-8.83	-14.46	-7.73	-7.72
-21.00	10.973	-305.45	-0.67	-14.93	-7.15	-8.32
-22.00	10.940	-317.70	6.93	-14.38	-6.48	-8.81
-23.00	10.836	-330.11	13.05	-12.95	-5.72	-9.21
-24.00	10.681	-342.81	16.94	-10.85	-4.86	-9.51
-25.00	10.498	-355.92	18.27	-8.34	-3.91	-9.74
-26.0	10.314	-369.48	17.47	-5.68	-2.88	-9.90
-27.0	10.145	-383.48	15.51	-3.06	-1.78	-9.99
-28.0	9.997	-397.90	13.43	-0.52	-0.63	-9.98
-29.0	9.868	-412.72	11.91	2.00	0.57	-9.85
-30.0	9.751	-427.90	11.15	4.64	1.79	-9.58

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	5.00	0.0	10.00
-1.0	10.067	-14.85	-8.01	3.55	-1.22	9.99
-2.0	10.160	-29.45	-9.91	1.68	-2.39	9.87
-3.0	10.266	-43.77	-10.68	-0.36	-3.52	9.64
-4.0	10.375	-57.79	-10.39	-2.35	-4.57	9.31
-5.0	10.475	-71.52	-9.14	-4.11	-5.55	8.89
-6.0	10.559	-85.01	-7.07	-5.51	-6.43	8.37
-7.0	10.618	-98.31	-4.31	-6.45	-7.23	7.77
-8.0	10.645	-111.51	-0.98	-6.86	-7.94	7.09
-9.0	10.636	-124.69	2.79	-6.66	-8.55	6.33
-10.0	10.587	-137.94	6.85	-5.76	-9.06	5.48
-11.0	10.496	-151.38	10.93	-4.08	-9.46	4.54
-12.0	10.365	-165.12	14.59	-1.59	-9.75	3.51
-13.00	10.202	-179.27	17.04	1.66	-9.92	2.39
-14.00	10.024	-193.93	17.28	5.37	-9.95	1.19
-15.00	9.859	-209.11	14.44	8.95	-9.86	-0.08
-16.00	9.739	-224.74	8.49	11.58	-9.64	-1.39
-17.00	9.693	-240.65	0.41	12.50	-9.31	-2.70
-18.00	9.733	-256.55	-8.18	11.36	-8.88	-3.98
-19.00	9.856	-272.18	-15.72	8.36	-8.37	-5.21
-20.00	10.047	-287.29	-21.12	4.14	-7.80	-6.33
-21.00	10.279	-301.77	-23.87	-0.51	-7.19	-7.35
-22.00	10.526	-315.57	-23.91	-4.93	-6.55	-8.24
-23.00	10.760	-328.74	-21.56	-8.69	-5.89	-9.00
-24.00	10.960	-341.38	-17.35	-11.58	-5.23	-9.63
-25.00	11.111	-353.62	-11.85	-13.57	-4.54	-10.14
-26.00	11.200	-365.60	-5.67	-14.69	-3.84	-10.52
-27.00	11.226	-377.45	0.67	-15.01	-3.12	-10.78
-28.00	11.188	-389.32	6.65	-14.58	-2.36	-10.94
-29.00	11.093	-401.32	11.82	-13.48	-1.56	-10.98
-30.00	10.950	-413.58	15.80	-11.76	-0.71	-10.93

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	5.00	0.0	10.00
-1.0	10.068	-14.85	-8.20	3.51	-1.22	9.99
-2.0	10.164	-29.44	-10.21	1.57	-2.39	9.88
-3.0	10.273	-43.74	-11.05	-0.54	-3.52	9.65
-4.0	10.386	-57.73	-10.80	-2.61	-4.57	9.33
-5.0	10.491	-71.42	-9.57	-4.45	-5.54	8.91
-6.0	10.579	-84.86	-7.49	-5.93	-6.43	8.40
-7.0	10.641	-98.11	-4.67	-6.94	-7.22	7.82
-8.0	10.672	-111.24	-1.22	-7.41	-7.92	7.15
-9.0	10.665	-124.34	2.77	-7.23	-8.53	6.40
-10.0	10.614	-137.51	7.18	-6.31	-9.04	5.56
-11.0	10.517	-150.88	11.80	-4.52	-9.44	4.63
-12.0	10.374	-164.58	16.11	-1.78	-9.73	3.61
-13.00	10.192	-178.73	19.17	1.88	-9.88	2.48
-14.00	9.990	-193.45	19.61	6.14	-9.91	1.27
-15.00	9.804	-208.78	16.23	10.26	-9.80	-0.02
-16.00	9.672	-224.62	8.96	13.18	-9.58	-1.35
-17.00	9.629	-240.75	-0.76	13.97	-9.24	-2.70
-18.00	9.689	-256.83	-10.82	12.26	-8.82	-4.01
-19.00	9.845	-272.54	-19.31	8.43	-8.33	-5.25
-20.00	10.074	-287.62	-25.04	3.36	-7.78	-6.40
-21.00	10.346	-301.94	-27.49	-1.97	-7.21	-7.42
-22.00	10.625	-315.51	-26.69	-6.78	-6.62	-8.31
-23.00	10.882	-328.40	-23.15	-10.66	-6.01	-9.07
-24.00	11.092	-340.74	-17.59	-13.46	-5.40	-9.69
-25.00	11.238	-352.69	-10.76	-15.21	-4.76	-10.18
-26.00	11.310	-364.41	-3.38	-16.00	-4.10	-10.54
-27.00	11.307	-376.06	3.89	-15.91	-3.40	-10.78
-28.00	11.233	-387.80	10.45	-15.02	-2.66	-10.91
-29.00	11.098	-399.76	15.70	-13.43	-1.86	-10.94
-30.00	10.918	-412.06	19.24	-11.23	-1.00	-10.87

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	5.00	0.0	10.00
-1.0	10.069	-14.84	-8.38	3.47	-1.22	10.00
-2.0	10.167	-29.43	-10.52	1.47	-2.39	9.88
-3.0	10.281	-43.72	-11.44	-0.73	-3.51	9.66
-4.0	10.397	-57.68	-11.25	-2.88	-4.56	9.34
-5.0	10.507	-71.33	-10.06	-4.81	-5.53	8.93
-6.0	10.600	-84.71	-8.00	-6.39	-6.42	8.44
-7.0	10.668	-97.89	-5.18	-7.50	-7.21	7.86
-8.0	10.704	-110.94	-1.67	-8.06	-7.91	7.21
-9.0	10.700	-123.95	2.48	-7.95	-8.52	6.48
-10.0	10.651	-137.02	7.20	-7.07	-9.02	5.66
-11.0	10.551	-150.29	12.32	-5.24	-9.42	4.74
-12.0	10.399	-163.90	17.36	-2.34	-9.71	3.73
-13.00	10.200	-178.00	21.23	1.67	-9.86	2.61
-14.00	9.975	-192.73	22.18	6.47	-9.88	1.39
-15.00	9.763	-208.14	18.52	11.20	-9.76	0.09
-16.00	9.613	-224.15	10.09	14.56	-9.53	-1.27
-17.00	9.566	-240.49	-1.26	15.37	-9.20	-2.64
-18.00	9.639	-256.75	-12.83	13.23	-8.78	-3.98
-19.00	9.822	-272.56	-22.41	8.66	-8.31	-5.24
-20.00	10.086	-287.65	-28.61	2.81	-7.79	-6.41
-21.00	10.393	-301.87	-30.87	-3.14	-7.25	-7.45
-22.00	10.704	-315.26	-29.31	-8.31	-6.70	-8.35
-23.00	10.982	-327.92	-24.61	-12.29	-6.15	-9.10
-24.00	11.200	-340.01	-17.73	-14.99	-5.57	-9.72
-25.00	11.341	-351.73	-9.63	-16.52	-4.98	-10.19
-26.00	11.396	-363.25	-1.12	-16.99	-4.35	-10.53
-27.00	11.365	-374.76	7.04	-16.52	-3.67	-10.76
-28.00	11.255	-386.42	14.10	-15.19	-2.93	-10.87
-29.00	11.083	-398.38	19.32	-13.12	-2.12	-10.88
-30.00	10.868	-410.76	22.24	-10.47	-1.24	-10.80

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	5.00	0.0	10.00
-1.0	10.071	-14.84	-8.58	3.43	-1.22	10.00
-2.0	10.171	-29.42	-10.84	1.36	-2.39	9.89
-3.0	10.288	-43.69	-11.85	-0.92	-3.51	9.67
-4.0	10.409	-57.62	-11.73	-3.16	-4.56	9.36
-5.0	10.525	-71.23	-10.62	-5.20	-5.53	8.96
-6.0	10.624	-84.55	-8.63	-6.89	-6.41	8.47
-7.0	10.698	-97.66	-5.85	-8.12	-7.20	7.91
-8.0	10.741	-110.62	-2.34	-8.81	-7.90	7.28
-9.0	10.744	-123.51	1.88	-8.83	-8.50	6.57
-10.0	10.700	-136.46	6.82	-8.06	-9.01	5.77
-11.0	10.602	-149.60	12.37	-6.31	-9.41	4.88
-12.0	10.446	-163.06	18.15	-3.36	-9.69	3.89
-13.00	10.234	-177.04	23.05	0.88	-9.85	2.79
-14.00	9.985	-191.70	24.96	6.18	-9.86	1.57
-15.00	9.742	-207.13	21.55	11.62	-9.74	0.26
-16.00	9.564	-223.25	12.29	15.64	-9.50	-1.11
-17.00	9.503	-239.77	-0.60	16.76	-9.17	-2.51
-18.00	9.577	-256.24	-13.82	14.44	-8.76	-3.87
-19.00	9.777	-272.22	-24.74	9.31	-8.30	-5.17
-20.00	10.070	-287.37	-31.76	2.72	-7.81	-6.36
-21.00	10.411	-301.57	-34.16	-3.87	-7.30	-7.42
-22.00	10.753	-314.85	-32.07	-9.45	-6.79	-8.34
-23.00	11.055	-327.34	-26.37	-13.59	-6.28	-9.10
-24.00	11.285	-339.25	-18.29	-16.27	-5.74	-9.71
-25.00	11.425	-350.78	-8.97	-17.64	-5.18	-10.18
-26.00	11.467	-362.14	0.66	-17.87	-4.58	-10.51
-27.00	11.413	-373.53	9.73	-17.07	-3.91	-10.72
-28.00	11.273	-385.12	17.34	-15.35	-3.18	-10.82
-29.00	11.067	-397.08	22.58	-12.86	-2.36	-10.81
-30.00	10.821	-409.53	24.89	-9.79	-1.47	-10.72

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	10.00	0.0	10.00
-1.0	10.081	-15.12	-10.57	8.25	-1.27	10.00
-2.0	10.212	-29.93	-14.79	5.59	-2.49	9.90
-3.0	10.378	-44.30	-17.54	2.41	-3.65	9.72
-4.0	10.565	-58.18	-18.85	-0.93	-4.72	9.45
-5.0	10.759	-71.56	-18.87	-4.15	-5.70	9.12
-6.0	10.948	-84.47	-17.79	-7.07	-6.59	8.74
-7.0	11.120	-96.94	-15.77	-9.60	-7.38	8.32
-8.0	11.268	-109.05	-12.99	-11.68	-8.07	7.86
-9.0	11.384	-120.86	-9.59	-13.28	-8.68	7.37
-10.0	11.462	-132.47	-5.72	-14.40	-9.20	6.84
-11.0	11.499	-143.94	-1.49	-15.02	-9.64	6.27
-12.0	11.492	-155.38	3.00	-15.13	-10.00	5.67
-13.0	11.437	-166.87	7.71	-14.67	-10.28	5.01
-14.0	11.333	-178.51	12.64	-13.57	-10.49	4.29
-15.0	11.178	-190.42	17.77	-11.69	-10.62	3.50
-16.0	10.969	-202.72	23.03	-8.85	-10.65	2.62
-17.0	10.708	-215.57	27.97	-4.83	-10.58	1.66
-18.0C	10.402	-229.14	31.41	0.48	-10.39	0.59
-19.0C	10.077	-243.58	31.36	6.81	-10.06	-0.58
-20.0D	9.779	-258.96	26.03	13.21	-9.61	-1.82
-21.0D	9.563	-275.18	15.49	18.15	-9.04	-3.12
-22.0	9.473	-291.91	1.93	20.15	-8.37	-4.43
-23.0	9.524	-308.70	-11.82	18.55	-7.63	-5.70
-24.0	9.707	-325.05	-23.51	13.84	-6.84	-6.89
-25.0D	9.993	-340.61	-31.77	7.26	-6.03	-7.97
-26.0D	10.344	-355.19	-36.07	0.23	-5.25	-8.91
-27.0D	10.718	-368.76	-36.44	-6.17	-4.50	-9.73
-28.0D	11.077	-381.42	-33.35	-11.37	-3.80	-10.40
-29.0C	11.391	-393.33	-27.59	-15.23	-3.15	-10.95
-30.0C	11.635	-404.66	-20.03	-17.85	-2.55	-11.35

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	10.00	0.0	10.00
-1.0	10.082	-15.12	-10.76	8.20	-1.27	10.00
-2.0	10.215	-29.92	-15.12	5.47	-2.49	9.91
-3.0	10.386	-44.27	-18.00	2.21	-3.64	9.73
-4.0	10.579	-58.12	-19.48	-1.24	-4.72	9.47
-5.0	10.780	-71.45	-19.72	-4.60	-5.70	9.15
-6.0	10.978	-84.29	-18.87	-7.68	-6.58	8.79
-7.0	11.163	-96.67	-17.12	-10.40	-7.37	8.39
-8.0	11.326	-108.65	-14.58	-12.68	-8.06	7.96
-9.0	11.459	-120.32	-11.40	-14.52	-8.66	7.50
-10.0	11.557	-131.73	-7.70	-15.89	-9.18	7.02
-11.0	11.615	-142.97	-3.60	-16.80	-9.62	6.50
-12.0	11.630	-154.13	0.80	-17.23	-9.99	5.95
-13.0	11.598	-165.30	5.44	-17.14	-10.28	5.36
-14.0	11.518	-176.56	10.32	-16.49	-10.51	4.72
-15.0	11.386	-188.02	15.51	-15.15	-10.65	4.01
-16.0	11.199	-199.79	21.12	-12.94	-10.72	3.23
-17.0	10.953	-212.04	27.12	-9.59	-10.70	2.36
-18.0	10.645	-224.93	32.88	-4.78	-10.55	1.38
-19.0C	10.287	-238.68	36.59	1.66	-10.28	0.29
-20.0C	9.914	-253.47	35.26	9.24	-9.87	-0.91
-21.0D	9.590	-269.36	26.92	16.53	-9.33	-2.20
-22.0D	9.383	-286.15	12.90	21.45	-8.69	-3.53
-23.0	9.333	-303.38	-3.27	22.41	-7.96	-4.87
-24.0	9.446	-320.48	-18.37	19.13	-7.17	-6.15
-25.0	9.698	-336.90	-30.34	12.63	-6.35	-7.33
-26.0D	10.052	-352.30	-38.12	4.61	-5.53	-8.39
-27.0D	10.462	-366.54	-41.37	-3.29	-4.76	-9.32
-28.0D	10.883	-379.67	-40.18	-10.02	-4.05	-10.10
-29.0C	11.271	-391.85	-35.18	-15.14	-3.40	-10.75
-30.0C	11.593	-403.27	-27.42	-18.69	-2.81	-11.25

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	10.00	0.0	10.00
-1.0	10.083	-15.12	-10.95	8.16	-1.27	10.00
-2.0	10.219	-29.91	-15.45	5.36	-2.49	9.91
-3.0	10.394	-44.24	-18.48	2.00	-3.64	9.73
-4.0	10.592	-58.06	-20.15	-1.56	-4.71	9.49
-5.0	10.802	-71.34	-20.62	-5.07	-5.69	9.18
-6.0	11.011	-84.10	-20.06	-8.33	-6.57	8.83
-7.0	11.209	-96.39	-18.59	-11.24	-7.36	8.46
-8.0	11.388	-108.24	-16.33	-13.75	-8.05	8.06
-9.0	11.541	-119.74	-13.37	-15.82	-8.65	7.64
-10.0	11.660	-130.95	-9.83	-17.45	-9.17	7.20
-11.0	11.740	-141.96	-5.84	-18.64	-9.61	6.74
-12.0	11.778	-152.83	-1.51	-19.37	-9.98	6.26
-13.0	11.770	-163.66	3.06	-19.63	-10.28	5.74
-14.0	11.715	-174.53	7.82	-19.40	-10.51	5.18
-15.0	11.610	-185.54	12.81	-18.59	-10.68	4.56
-16.0	11.451	-196.78	18.22	-17.08	-10.78	3.88
-17.0	11.235	-208.39	24.27	-14.62	-10.79	3.11
-18.0	10.952	-220.53	31.05	-10.84	-10.72	2.25
-19.0	10.599	-233.41	37.81	-5.27	-10.52	1.27
-20.0C	10.188	-247.29	41.94	2.30	-10.19	0.16
-21.0D	9.765	-262.38	39.29	11.19	-9.71	-1.06
-22.0D	9.414	-278.73	27.99	19.42	-9.11	-2.39
-23.0	9.212	-296.06	11.02	24.44	-8.41	-3.76
-24.0	9.192	-313.78	-7.08	24.62	-7.63	-5.13
-25.0	9.349	-331.21	-23.13	20.02	-6.79	-6.43
-26.0	9.652	-347.78	-35.39	12.12	-5.93	-7.62
-27.0	10.058	-363.15	-43.10	2.92	-5.09	-8.67
-28.0D	10.517	-377.22	-45.91	-5.78	-4.32	-9.59
-29.0D	10.980	-390.09	-43.78	-12.90	-3.63	-10.36
-30.0C	11.398	-401.94	-37.39	-18.07	-3.02	-10.99

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	10.00	0.0	10.00
-1.0	10.084	-15.12	-11.14	8.12	-1.27	10.00
-2.0	10.223	-29.90	-15.79	5.25	-2.49	9.92
-3.0	10.402	-44.21	-18.98	1.79	-3.64	9.74
-4.0	10.607	-58.00	-20.86	-1.90	-4.71	9.50
-5.0	10.825	-71.23	-21.59	-5.55	-5.68	9.21
-6.0	11.045	-83.91	-21.34	-9.00	-6.56	8.88
-7.0	11.258	-96.09	-20.18	-12.12	-7.34	8.53
-8.0	11.455	-107.82	-18.20	-14.85	-8.03	8.17
-9.0	11.628	-119.14	-15.45	-17.16	-8.63	7.79
-10.0B	11.769	-130.15	-12.02	-19.04	-9.15	7.40
-11.0B	11.871	-140.90	-8.02	-20.47	-9.59	7.00
-12.0B	11.931	-151.49	-3.63	-21.45	-9.96	6.57
-13.0B	11.945	-162.00	1.01	-21.98	-10.26	6.12
-14.0	11.910	-172.50	5.77	-22.06	-10.49	5.64
-15.0	11.826	-183.09	10.62	-21.65	-10.67	5.10
-16.0	11.692	-193.85	15.67	-20.68	-10.79	4.52
-17.0	11.504	-204.90	21.19	-18.99	-10.84	3.86
-18.0	11.256	-216.37	27.62	-16.26	-10.82	3.11
-19.0	10.935	-228.43	35.18	-12.01	-10.70	2.25
-20.0	10.535	-241.33	42.93	-5.62	-10.46	1.26
-21.0C	10.069	-255.37	47.22	3.19	-10.07	0.13
-22.0D	9.600	-270.82	42.60	13.43	-9.53	-1.13
-23.0	9.232	-287.68	28.08	22.48	-8.89	-2.50
-24.0	9.042	-305.57	8.66	27.44	-8.15	-3.92
-25.0	9.054	-323.78	-10.67	26.80	-7.32	-5.32
-26.0	9.251	-341.56	-27.12	21.01	-6.44	-6.64
-27.0	9.595	-358.31	-39.40	11.90	-5.54	-7.83
-28.0	10.041	-373.70	-47.09	1.70	-4.68	-8.88
-29.0D	10.541	-387.67	-49.78	-7.72	-3.90	-9.79
-30.0D	11.041	-400.35	-47.10	-15.22	-3.22	-10.56

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	15.00	0.0	10.00
-1.0	10.094	-15.40	-13.18	12.93	-1.32	10.01
-2.0	10.264	-30.40	-19.72	9.45	-2.58	9.93
-3.0	10.491	-44.82	-24.39	5.15	-3.77	9.79
-4.0	10.757	-58.57	-27.22	0.58	-4.87	9.59
-5.0	11.042	-71.61	-28.33	-3.86	-5.86	9.36
-6.0	11.331	-83.99	-27.91	-7.90	-6.74	9.11
-7.0B	11.608	-95.74	-26.07	-11.40	-7.52	8.84
-8.0B	11.860	-106.96	-22.96	-14.32	-8.19	8.58
-9.0B	12.074	-117.73	-18.74	-16.65	-8.76	8.31
-10.0B	12.240	-128.16	-13.63	-18.39	-9.24	8.02
-11.0B	12.351	-138.34	-7.92	-19.56	-9.64	7.72
-12.0B	12.401	-148.39	-1.88	-20.15	-9.96	7.38
-13.0B	12.389	-158.40	4.18	-20.19	-10.22	7.01
-14.0B	12.316	-168.47	10.00	-19.70	-10.41	6.58
-15.0B	12.186	-178.70	15.35	-18.69	-10.56	6.09
-16.0	12.004	-189.18	20.13	-17.19	-10.66	5.52
-17.0	11.776	-200.03	24.41	-15.12	-10.72	4.87
-18.0	11.506	-211.33	28.42	-12.35	-10.74	4.14
-19.0	11.195	-223.21	32.38	-8.64	-10.70	3.29
-20.0	10.844	-235.81	36.16	-3.67	-10.59	2.33
-21.0C	10.460	-249.32	38.63	2.79	-10.39	1.24
-22.0C	10.067	-263.89	37.30	10.49	-10.07	0.02
-23.0D	9.719	-279.60	29.67	18.21	-9.63	-1.29
-24.0D	9.482	-296.29	15.83	23.88	-9.09	-2.68
-25.0	9.406	-313.53	-1.26	25.59	-8.47	-4.09
-26.0	9.506	-330.70	-17.97	22.68	-7.78	-5.46
-27.0	9.762	-347.22	-31.53	16.13	-7.07	-6.74
-28.0D	10.135	-362.69	-40.42	7.85	-6.35	-7.90
-29.0D	10.572	-376.94	-44.16	-0.32	-5.67	-8.92
-30.0D	11.022	-390.03	-43.11	-7.21	-5.05	-9.80

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	15.00	0.0	10.00
-1.0	10.095	-15.40	-13.37	12.88	-1.32	10.01
-2.0	10.268	-30.39	-20.08	9.33	-2.58	9.94
-3.0	10.500	-44.79	-24.95	4.93	-3.77	9.80
-4.0	10.772	-58.50	-28.04	0.22	-4.87	9.61
-5.0	11.068	-71.49	-29.49	-4.38	-5.86	9.39
-6.0	11.370	-83.78	-29.39	-8.60	-6.73	9.16
-7.0B	11.663	-95.43	-27.78	-12.29	-7.51	8.93
-8.0B	11.933	-106.51	-24.73	-15.38	-8.17	8.70
-9.0B	12.165	-117.12	-20.37	-17.86	-8.74	8.46
-10.0B	12.346	-127.36	-14.93	-19.71	-9.21	8.22
-11.0B	12.468	-137.35	-8.74	-20.94	-9.60	7.96
-12.0B	12.523	-147.19	-2.15	-21.56	-9.90	7.66
-13.0B	12.511	-156.99	4.45	-21.58	-10.14	7.33
-14.0B	12.434	-166.85	10.71	-21.04	-10.32	6.93
-15.0B	12.295	-176.88	16.33	-20.00	-10.45	6.47
-16.0B	12.102	-187.18	21.17	-18.47	-10.54	5.94
-17.0	11.864	-197.83	25.29	-16.44	-10.60	5.32
-18.0	11.586	-208.95	29.04	-13.76	-10.63	4.61
-19.0	11.270	-220.64	32.89	-10.18	-10.61	3.79
-20.0	10.912	-233.05	37.04	-5.32	-10.53	2.85
-21.0	10.514	-246.37	40.56	1.21	-10.36	1.78
-22.0C	10.094	-260.78	40.69	9.35	-10.08	0.57
-23.0D	9.706	-276.43	33.87	17.95	-9.68	-0.76
-24.0D	9.428	-293.21	19.45	24.68	-9.17	-2.18
-25.0	9.322	-310.66	0.80	27.15	-8.59	-3.63
-26.0	9.411	-328.13	-17.73	24.41	-7.94	-5.05
-27.0	9.674	-344.93	-32.94	17.43	-7.26	-6.39
-28.0D	10.067	-360.60	-43.08	8.37	-6.59	-7.61
-29.0D	10.535	-374.95	-47.43	-0.57	-5.96	-8.69
-30.0C	11.018	-388.04	-46.21	-8.00	-5.39	-9.61

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	15.00	0.0	10.00
-1.0	10.096	-15.40	-13.57	12.84	-1.32	10.01
-2.0	10.272	-30.38	-20.43	9.21	-2.58	9.94
-3.0	10.508	-44.76	-25.52	4.71	-3.77	9.81
-4.0	10.788	-58.43	-28.90	-0.14	-4.86	9.63
-5.0	11.094	-71.37	-30.69	-4.92	-5.85	9.43
-6.0	11.410	-83.58	-30.92	-9.33	-6.73	9.22
-7.0B	11.721	-95.11	-29.51	-13.20	-7.49	9.01
-8.0B	12.008	-106.06	-26.44	-16.44	-8.15	8.81
-9.0B	12.256	-116.51	-21.81	-19.02	-8.71	8.62
-10.0B	12.450	-126.57	-15.89	-20.94	-9.17	8.42
-11.0B	12.578	-136.38	-9.06	-22.19	-9.54	8.19
-12.0B	12.634	-146.03	-1.80	-22.76	-9.83	7.93
-13.0B	12.615	-155.66	5.44	-22.69	-10.05	7.62
-14.0B	12.524	-165.36	12.19	-22.02	-10.21	7.25
-15.0B	12.368	-175.25	18.08	-20.83	-10.32	6.81
-16.0B	12.158	-185.43	22.90	-19.19	-10.41	6.29
-17.0	11.903	-195.99	26.74	-17.09	-10.46	5.68
-18.0	11.613	-207.03	30.09	-14.38	-10.49	4.97
-19.0	11.287	-218.66	33.64	-10.80	-10.49	4.16
-20.0	10.922	-231.01	37.87	-5.89	-10.43	3.23
-21.0	10.513	-244.29	41.97	0.82	-10.29	2.15
-22.0C	10.075	-258.72	42.81	9.39	-10.03	0.93
-23.0D	9.664	-274.45	35.92	18.59	-9.65	-0.42
-24.0D	9.370	-291.37	20.35	25.79	-9.18	-1.87
-25.0	9.264	-309.03	0.17	28.27	-8.63	-3.36
-26.0	9.365	-326.66	-19.65	25.06	-8.03	-4.82
-27.0	9.653	-343.54	-35.73	17.31	-7.40	-6.20
-28.0D	10.077	-359.19	-46.22	7.51	-6.78	-7.45
-29.0D	10.576	-373.44	-50.25	-1.90	-6.21	-8.56
-30.0C	11.083	-386.37	-48.05	-9.46	-5.70	-9.51

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	15.00	0.0	10.00
-1.0	10.097	-15.40	-13.76	12.80	-1.32	10.01
-2.0	10.276	-30.37	-20.80	9.09	-2.58	9.95
-3.0	10.517	-44.73	-26.10	4.48	-3.77	9.82
-4.0	10.804	-58.37	-29.79	-0.52	-4.86	9.65
-5.0	11.121	-71.24	-31.95	-5.47	-5.84	9.46
-6.0B	11.452	-83.37	-32.49	-10.06	-6.72	9.28
-7.0B	11.779	-94.79	-31.24	-14.10	-7.48	9.10
-8.0B	12.084	-105.60	-28.06	-17.48	-8.13	8.94
-9.0B	12.347	-115.89	-23.03	-20.14	-8.68	8.78
-10.0B	12.550	-125.79	-16.47	-22.08	-9.13	8.61
-11.0B	12.680	-135.43	-8.89	-23.29	-9.48	8.42
-12.0B	12.730	-144.92	-0.84	-23.76	-9.75	8.18
-13.0B	12.698	-154.40	7.08	-23.51	-9.95	7.89
-14.0B	12.588	-163.99	14.32	-22.64	-10.09	7.53
-15.0B	12.409	-173.80	20.40	-21.25	-10.18	7.09
-16.0B	12.175	-183.92	25.07	-19.43	-10.25	6.57
-17.0	11.901	-194.47	28.49	-17.19	-10.31	5.95
-18.0	11.595	-205.52	31.32	-14.38	-10.34	5.24
-19.0	11.259	-217.18	34.53	-10.69	-10.35	4.42
-20.0	10.885	-229.60	38.79	-5.59	-10.32	3.47
-21.0	10.464	-242.98	43.23	1.47	-10.19	2.38
-22.0C	10.012	-257.55	44.07	10.53	-9.95	1.13
-23.0D	9.594	-273.48	36.09	20.13	-9.59	-0.26
-24.0D	9.307	-290.64	18.69	27.23	-9.14	-1.74
-25.0	9.226	-308.47	-3.00	28.98	-8.63	-3.26
-26.0	9.365	-326.16	-23.60	24.66	-8.07	-4.75
-27.0D	9.693	-342.94	-39.79	15.86	-7.49	-6.15
-28.0D	10.157	-358.37	-49.72	5.41	-6.94	-7.41
-29.0D	10.686	-372.33	-52.42	-4.12	-6.44	-8.53
-30.0C	11.206	-384.96	-48.43	-11.40	-6.00	-9.47

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	20.00	0.0	10.00
-1.0	10.108	-15.68	-15.83	17.59	-1.37	10.02
-2.0	10.317	-30.86	-24.70	13.27	-2.68	9.96
-3.0	10.605	-45.33	-31.25	7.87	-3.90	9.86
-4.0	10.948	-58.94	-35.45	2.16	-5.02	9.73
-5.0	11.323	-71.67	-37.40	-3.27	-6.02	9.59
-6.0B	11.706	-83.57	-37.15	-8.09	-6.90	9.46
-7.0B	12.075	-94.71	-34.77	-12.17	-7.65	9.34
-8.0B	12.410	-105.21	-30.43	-15.52	-8.29	9.23
-9.0A	12.692	-115.19	-24.46	-18.16	-8.82	9.13
-10.0A	12.906	-124.79	-17.30	-20.10	-9.23	9.02
-11.0A	13.043	-134.13	-9.39	-21.30	-9.56	8.88
-12.0A	13.097	-143.34	-1.13	-21.72	-9.80	8.69
-13.0A	13.067	-152.54	7.06	-21.33	-9.97	8.45
-14.0A	12.954	-161.84	14.80	-20.19	-10.08	8.14
-15.0B	12.767	-171.37	21.66	-18.42	-10.16	7.73
-16.0B	12.516	-181.23	27.24	-16.15	-10.21	7.24
-17.0B	12.215	-191.53	31.29	-13.45	-10.25	6.64
-18.0	11.881	-202.37	33.87	-10.29	-10.29	5.94
-19.0	11.526	-213.86	35.40	-6.54	-10.32	5.13
-20.0	11.159	-226.08	36.39	-1.97	-10.34	4.20
-21.0	10.783	-239.14	36.87	3.65	-10.31	3.15
-22.0C	10.410	-253.15	35.71	10.30	-10.22	1.96
-23.0C	10.066	-268.19	30.73	17.37	-10.04	0.66
-24.0D	9.800	-284.19	20.24	23.40	-9.77	-0.74
-25.0D	9.668	-300.86	5.09	26.49	-9.42	-2.19
-26.0D	9.702	-317.69	-11.63	25.45	-8.99	-3.64
-27.0D	9.899	-334.11	-26.51	20.54	-8.53	-5.03
-28.0D	10.229	-349.66	-37.16	13.34	-8.04	-6.32
-29.0D	10.642	-364.10	-42.59	5.72	-7.56	-7.48
-30.0C	11.084	-377.42	-43.10	-1.02	-7.11	-8.50

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	20.00	0.0	10.00
-1.0	10.109	-15.68	-16.03	17.54	-1.37	10.02
-2.0	10.321	-30.85	-25.08	13.15	-2.68	9.97
-3.0	10.614	-45.29	-31.88	7.63	-3.90	9.87
-4.0	10.965	-58.87	-36.43	1.77	-5.02	9.75
-5.0B	11.352	-71.54	-38.74	-3.83	-6.01	9.63
-6.0B	11.750	-83.35	-38.73	-8.82	-6.89	9.52
-7.0B	12.136	-94.38	-36.31	-13.03	-7.64	9.43
-8.0B	12.485	-104.75	-31.62	-16.46	-8.27	9.35
-9.0A	12.776	-114.60	-25.08	-19.14	-8.78	9.28
-10.0A	12.993	-124.06	-17.21	-21.07	-9.18	9.19
-11.0A	13.125	-133.28	-8.54	-22.19	-9.48	9.07
-12.0A	13.167	-142.38	0.42	-22.43	-9.70	8.90
-13.0A	13.117	-151.49	9.23	-21.80	-9.85	8.67
-14.0A	12.980	-160.74	17.41	-20.38	-9.94	8.34
-15.0B	12.765	-170.25	24.45	-18.33	-10.00	7.93
-16.0B	12.486	-180.14	29.85	-15.81	-10.05	7.41
-17.0B	12.161	-190.52	33.35	-12.91	-10.09	6.79
-18.0	11.810	-201.48	35.17	-9.58	-10.13	6.07
-19.0	11.445	-213.11	36.03	-5.65	-10.18	5.23
-20.0	11.073	-225.51	36.68	-0.86	-10.22	4.27
-21.0	10.695	-238.77	37.13	5.05	-10.21	3.19
-22.0C	10.320	-253.03	35.84	12.05	-10.13	1.97
-23.0C	9.978	-268.34	30.04	19.36	-9.96	0.63
-24.0D	9.727	-284.61	17.98	25.21	-9.69	-0.81
-25.0D	9.626	-301.48	1.21	27.51	-9.35	-2.28
-26.0D	9.705	-318.38	-16.43	25.27	-8.95	-3.75
-27.0D	9.953	-334.70	-31.28	19.20	-8.52	-5.14
-28.0D	10.327	-350.00	-41.02	11.28	-8.08	-6.43
-29.0C	10.772	-364.12	-44.90	3.49	-7.65	-7.58
-30.0C	11.228	-377.11	-43.65	-3.01	-7.25	-8.57

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	20.00	0.0	10.00
-1.0	10.110	-15.67	-16.22	17.50	-1.37	10.02
-2.0	10.325	-30.84	-25.46	13.02	-2.68	9.97
-3.0	10.623	-45.26	-32.53	7.39	-3.90	9.88
-4.0	10.983	-58.80	-37.44	1.38	-5.01	9.77
-5.0B	11.382	-71.41	-40.12	-4.40	-6.01	9.67
-6.0B	11.795	-83.14	-40.29	-9.54	-6.88	9.58
-7.0B	12.197	-94.06	-37.76	-13.87	-7.62	9.52
-8.0B	12.559	-104.30	-32.64	-17.37	-8.24	9.48
-9.0A	12.857	-114.02	-25.42	-20.06	-8.74	9.43
-10.0A	13.074	-123.36	-16.77	-21.94	-9.12	9.36
-11.0A	13.197	-132.46	-7.34	-22.93	-9.40	9.26
-12.0A	13.223	-141.47	2.33	-22.96	-9.60	9.09
-13.0A	13.151	-150.53	11.72	-22.05	-9.73	8.85
-14.0A	12.986	-159.75	20.28	-20.32	-9.80	8.52
-15.0B	12.741	-169.29	27.37	-17.98	-9.85	8.08
-16.0B	12.433	-179.24	32.41	-15.21	-9.89	7.54
-17.0B	12.086	-189.73	35.18	-12.11	-9.93	6.89
-18.0	11.720	-200.84	36.14	-8.60	-9.99	6.13
-19.0	11.349	-212.66	36.35	-4.49	-10.05	5.26
-20.0	10.976	-225.28	36.78	0.55	-10.11	4.28
-21.0	10.597	-238.79	37.23	6.79	-10.12	3.16
-22.0C	10.221	-253.32	35.60	14.15	-10.04	1.90
-23.0C	9.887	-268.94	28.53	21.57	-9.87	0.52
-24.0D	9.661	-285.48	14.57	26.93	-9.61	-0.95
-25.0D	9.604	-302.52	-3.74	28.10	-9.29	-2.45
-26.0D	9.737	-319.40	-21.91	24.44	-8.91	-3.92
-27.0D	10.039	-335.52	-36.16	17.25	-8.52	-5.31
-28.0D	10.456	-350.50	-44.38	8.84	-8.13	-6.58
-29.0C	10.925	-364.25	-46.25	1.16	-7.75	-7.70
-30.0C	11.385	-376.87	-43.09	-4.88	-7.39	-8.66

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	20.00	0.0	10.00
-1.0	10.111	-15.67	-16.41	17.46	-1.37	10.02
-2.0	10.329	-30.83	-25.85	12.90	-2.68	9.98
-3.0	10.633	-45.23	-33.20	7.15	-3.90	9.89
-4.0	11.001	-58.73	-38.48	0.98	-5.01	9.79
-5.0B	11.412	-71.28	-41.51	-4.98	-6.00	9.71
-6.0B	11.841	-82.91	-41.85	-10.27	-6.87	9.65
-7.0B	12.258	-93.73	-39.12	-14.70	-7.61	9.61
-8.0A	12.631	-103.85	-33.45	-18.23	-8.21	9.59
-9.0A	12.934	-113.45	-25.48	-20.91	-8.70	9.57
-10.0A	13.147	-122.68	-16.03	-22.71	-9.06	9.53
-11.0A	13.259	-131.68	-5.83	-23.54	-9.32	9.43
-12.0A	13.266	-140.63	4.51	-23.33	-9.49	9.27
-13.0A	13.168	-149.64	14.44	-22.11	-9.60	9.01
-14.0A	12.974	-158.87	23.29	-20.06	-9.66	8.66
-15.0B	12.698	-168.45	30.31	-17.42	-9.70	8.20
-16.0B	12.363	-178.50	34.80	-14.42	-9.73	7.62
-17.0B	11.995	-189.13	36.66	-11.13	-9.78	6.94
-18.0	11.619	-200.43	36.72	-7.46	-9.86	6.15
-19.0	11.246	-212.47	36.40	-3.15	-9.94	5.25
-20.0	10.872	-225.32	36.76	2.16	-10.02	4.23
-21.0	10.493	-239.10	37.24	8.78	-10.03	3.07
-22.0C	10.120	-253.94	35.01	16.46	-9.96	1.77
-23.0C	9.800	-269.87	26.24	23.81	-9.79	0.35
-24.0D	9.608	-286.67	10.20	28.39	-9.54	-1.14
-25.0D	9.603	-303.81	-9.41	28.15	-9.23	-2.65
-26.0D	9.796	-320.59	-27.61	23.02	-8.88	-4.13
-27.0D	10.151	-336.43	-40.71	14.88	-8.53	-5.51
-28.0C	10.605	-351.03	-46.92	6.26	-8.18	-6.75
-29.0C	11.088	-364.39	-46.53	-1.04	-7.84	-7.84
-30.0C	11.541	-376.67	-41.56	-6.51	-7.52	-8.76

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	25.00	0.0	10.00
-1.0	10.122	-15.95	-18.53	22.23	-1.42	10.02
-2.0	10.371	-31.33	-29.73	17.05	-2.77	9.99
-3.0	10.720	-45.82	-38.09	10.56	-4.03	9.93
-4.0	11.140	-59.30	-43.53	3.83	-5.17	9.87
-5.0B	11.601	-71.74	-46.03	-2.42	-6.18	9.82
-6.0B	12.071	-83.21	-45.54	-7.83	-7.05	9.80
-7.0A	12.522	-93.82	-42.21	-12.37	-7.79	9.81
-8.0A	12.927	-103.73	-36.51	-16.20	-8.39	9.84
-9.0A	13.263	-113.08	-29.09	-19.39	-8.86	9.87
-10.0A	13.518	-122.03	-20.56	-21.91	-9.21	9.90
-11.0A	13.682	-130.72	-11.41	-23.57	-9.45	9.89
-12.0A	13.750	-139.27	-1.96	-24.18	-9.61	9.83
-13.0A	13.722	-147.80	7.47	-23.64	-9.70	9.71
-14.0A	13.598	-156.44	16.61	-22.00	-9.73	9.50
-15.0A	13.384	-165.30	25.09	-19.45	-9.73	9.19
-16.0A	13.089	-174.52	32.41	-16.27	-9.72	8.77
-17.0B	12.727	-184.22	37.94	-12.67	-9.71	8.23
-18.0B	12.321	-194.52	41.12	-8.76	-9.73	7.56
-19.0B	11.895	-205.55	41.86	-4.51	-9.77	6.78
-20.0	11.471	-217.38	40.74	0.26	-9.85	5.88
-21.0	11.065	-230.09	38.54	5.70	-9.94	4.86
-22.0	10.686	-243.74	35.36	11.82	-10.02	3.71
-23.0C	10.349	-258.35	30.14	18.27	-10.06	2.43
-24.0C	10.082	-273.86	21.25	24.03	-10.03	1.05
-25.0C	9.928	-290.05	8.27	27.62	-9.92	-0.40
-26.0D	9.921	-306.51	-7.05	27.78	-9.74	-1.87
-27.0D	10.070	-322.73	-21.72	24.36	-9.51	-3.30
-28.0C	10.354	-338.27	-33.09	18.44	-9.24	-4.66
-29.0C	10.731	-352.84	-39.86	11.64	-8.96	-5.91
-30.0C	11.154	-366.36	-42.16	5.23	-8.66	-7.03

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	25.00	0.0	10.00
-1.0	10.123	-15.95	-18.72	22.19	-1.42	10.02
-2.0	10.375	-31.31	-30.13	16.92	-2.77	10.00
-3.0	10.730	-45.79	-38.80	10.31	-4.03	9.94
-4.0	11.159	-59.23	-44.63	3.41	-5.17	9.89
-5.0B	11.632	-71.61	-47.44	-2.99	-6.17	9.86
-6.0B	12.118	-82.99	-46.97	-8.53	-7.04	9.86
-7.0A	12.582	-93.50	-43.30	-13.15	-7.77	9.90
-8.0A	12.994	-103.30	-36.97	-17.01	-8.35	9.95
-9.0A	13.332	-112.55	-28.82	-20.20	-8.81	10.01
-10.0A	13.580	-121.41	-19.58	-22.64	-9.14	10.04
-11.0	13.731	-130.03	-9.78	-24.13	-9.37	10.04
-12.0	13.780	-138.53	0.23	-24.47	-9.50	9.98
-13.0A	13.726	-147.04	10.15	-23.58	-9.57	9.84
-14.0A	13.573	-155.70	19.68	-21.54	-9.59	9.61
-15.0A	13.327	-164.62	28.39	-18.62	-9.58	9.26
-16.0A	12.998	-173.95	35.61	-15.11	-9.57	8.80
-17.0B	12.606	-183.83	40.54	-11.26	-9.56	8.21
-18.0B	12.178	-194.37	42.61	-7.15	-9.59	7.50
-19.0	11.744	-205.67	42.04	-2.70	-9.66	6.67
-20.0	11.324	-217.82	39.89	2.25	-9.77	5.73
-21.0	10.930	-230.86	37.15	7.88	-9.88	4.66
-22.0	10.566	-244.85	33.68	14.16	-9.98	3.47
-23.0C	10.249	-259.79	27.87	20.59	-10.02	2.16
-24.0C	10.011	-275.58	17.89	25.97	-9.98	0.75
-25.0C	9.897	-291.96	3.74	28.67	-9.87	-0.72
-26.0D	9.940	-308.46	-12.13	27.64	-9.69	-2.20
-27.0D	10.140	-324.56	-26.39	23.14	-9.47	-3.63
-28.0C	10.466	-339.84	-36.51	16.61	-9.21	-4.97
-29.0C	10.869	-354.08	-41.59	9.73	-8.94	-6.18
-30.0C	11.301	-367.27	-42.26	3.62	-8.66	-7.26

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	25.00	0.0	10.00
-1.0	10.124	-15.95	-18.92	22.14	-1.42	10.02
-2.0	10.379	-31.30	-30.53	16.79	-2.77	10.00
-3.0	10.740	-45.76	-39.52	10.05	-4.03	9.96
-4.0	11.178	-59.16	-45.75	3.00	-5.16	9.91
-5.0B	11.665	-71.47	-48.85	-3.57	-6.17	9.90
-6.0B	12.165	-82.76	-48.35	-9.22	-7.03	9.93
-7.0A	12.641	-93.17	-44.25	-13.90	-7.75	9.99
-8.0A	13.060	-102.87	-37.24	-17.78	-8.32	10.06
-9.0A	13.397	-112.03	-28.34	-20.94	-8.76	10.14
-10.0A	13.636	-120.81	-18.41	-23.29	-9.07	10.18
-11.0	13.772	-129.36	-8.01	-24.58	-9.28	10.18
-12.0	13.800	-137.83	2.51	-24.62	-9.39	10.11
-13.0A	13.721	-146.34	12.88	-23.37	-9.45	9.95
-14.0A	13.538	-155.03	22.76	-20.95	-9.45	9.69
-15.0A	13.259	-164.03	31.62	-17.67	-9.44	9.31
-16.0A	12.898	-173.50	38.61	-13.87	-9.42	8.81
-17.0B	12.479	-183.56	42.72	-9.80	-9.43	8.17
-18.0B	12.035	-194.34	43.50	-5.51	-9.48	7.42
-19.0	11.598	-205.93	41.65	-0.90	-9.57	6.55
-20.0	11.187	-218.39	38.71	4.22	-9.71	5.56
-21.0	10.806	-231.75	35.70	10.02	-9.84	4.46
-22.0	10.459	-246.05	32.02	16.42	-9.95	3.23
-23.0C	10.161	-261.29	25.52	22.77	-9.99	1.88
-24.0C	9.953	-277.34	14.34	27.64	-9.94	0.44
-25.0D	9.882	-293.87	-0.89	29.37	-9.83	-1.05
-26.0D	9.975	-310.36	-17.06	27.15	-9.65	-2.53
-27.0D	10.222	-326.28	-30.60	21.71	-9.43	-3.94
-28.0C	10.583	-341.28	-39.24	14.78	-9.18	-5.26
-29.0C	11.006	-355.21	-42.58	8.01	-8.93	-6.44
-30.0C	11.440	-368.10	-41.74	2.27	-8.66	-7.47

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	25.00	0.0	10.00
-1.0	10.125	-15.95	-19.11	22.10	-1.42	10.03
-2.0	10.383	-31.29	-30.94	16.66	-2.77	10.01
-3.0	10.749	-45.73	-40.26	9.79	-4.03	9.97
-4.0	11.197	-59.08	-46.89	2.57	-5.16	9.94
-5.0B	11.697	-71.33	-50.26	-4.15	-6.16	9.94
-6.0B	12.212	-82.54	-49.67	-9.90	-7.02	9.99
-7.0A	12.700	-92.85	-45.07	-14.62	-7.73	10.08
-8.0A	13.123	-102.45	-37.33	-18.50	-8.29	10.17
-9.0A	13.457	-111.52	-27.69	-21.62	-8.71	10.26
-10.0	13.686	-120.23	-17.10	-23.85	-9.00	10.31
-11.0	13.805	-128.73	-6.14	-24.93	-9.19	10.30
-12.0	13.812	-137.17	4.85	-24.66	-9.29	10.22
-13.0A	13.707	-145.69	15.64	-23.03	-9.32	10.05
-14.0A	13.494	-154.42	25.84	-20.24	-9.32	9.76
-15.0A	13.182	-163.52	34.77	-16.64	-9.30	9.34
-16.0A	12.791	-173.13	41.35	-12.58	-9.29	8.79
-17.0B	12.349	-183.40	44.42	-8.31	-9.31	8.11
-18.0B	11.895	-194.43	43.80	-3.87	-9.38	7.32
-19.0	11.461	-206.31	40.80	0.87	-9.50	6.41
-20.0	11.061	-219.06	37.35	6.14	-9.66	5.39
-21.0	10.695	-232.72	34.28	12.09	-9.82	4.25
-22.0	10.363	-247.32	30.41	18.59	-9.93	2.98
-23.0C	10.085	-262.84	23.10	24.79	-9.96	1.59
-24.0C	9.908	-279.11	10.63	29.05	-9.91	0.13
-25.0D	9.881	-295.73	-5.56	29.71	-9.79	-1.37
-26.0D	10.022	-312.17	-21.74	26.36	-9.61	-2.85
-27.0C	10.313	-327.89	-34.29	20.16	-9.40	-4.25
-28.0C	10.704	-342.61	-41.29	13.03	-9.16	-5.53
-29.0C	11.139	-356.23	-42.89	6.50	-8.92	-6.68
-30.0	11.569	-368.85	-40.74	1.16	-8.66	-7.67

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	30.00	0.0	10.00
-1.0	10.136	-16.23	-21.26	26.86	-1.47	10.03
-2.0	10.425	-31.78	-34.79	20.78	-2.87	10.02
-3.0	10.836	-46.31	-44.92	13.23	-4.16	10.01
-4.0B	11.332	-59.66	-51.44	5.56	-5.32	10.00
-5.0B	11.876	-71.82	-54.23	-1.38	-6.34	10.04
-6.0A	12.428	-82.90	-53.24	-7.32	-7.21	10.13
-7.0A	12.953	-93.05	-48.98	-12.47	-7.92	10.25
-8.0A	13.422	-102.45	-42.35	-17.18	-8.48	10.41
-9.0	13.815	-111.27	-34.24	-21.59	-8.89	10.57
-10.0	14.119	-119.67	-25.25	-25.51	-9.18	10.73
-11.0	14.329	-127.77	-15.74	-28.53	-9.35	10.86
-12.0	14.440	-135.69	-5.93	-30.22	-9.43	10.94
-13.0	14.450	-143.55	3.98	-30.29	-9.43	10.95
-14.0	14.359	-151.46	13.78	-28.69	-9.37	10.88
-15.0	14.170	-159.53	23.25	-25.63	-9.27	10.71
-16.0	13.886	-167.89	32.16	-21.52	-9.17	10.43
-17.0A	13.515	-176.65	40.15	-16.80	-9.07	10.02
-18.0A	13.070	-185.98	46.54	-11.83	-9.01	9.47
-19.0B	12.572	-196.01	50.34	-6.74	-9.00	8.78
-20.0B	12.052	-206.90	50.80	-1.43	-9.05	7.96
-21.0	11.544	-218.75	48.12	4.33	-9.17	7.01
-22.0	11.074	-231.64	43.38	10.68	-9.35	5.93
-23.0	10.661	-245.59	37.18	17.53	-9.55	4.73
-24.0	10.321	-260.58	28.74	24.23	-9.74	3.41
-25.0C	10.085	-276.45	16.82	29.54	-9.89	1.98
-26.0C	9.989	-292.87	1.58	31.91	-9.98	0.49
-27.0C	10.056	-309.35	-14.67	30.45	-10.01	-1.01
-28.0C	10.282	-325.36	-28.88	25.64	-9.98	-2.46
-29.0C	10.633	-340.49	-38.92	18.98	-9.92	-3.83
-30.0C	11.062	-354.56	-44.32	12.04	-9.84	-5.06

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	30.00	0.0	10.00
-1.0	10.137	-16.23	-21.46	26.82	-1.47	10.03
-2.0	10.430	-31.77	-35.22	20.65	-2.87	10.03
-3.0	10.846	-46.28	-45.69	12.97	-4.16	10.02
-4.0B	11.352	-59.59	-52.61	5.13	-5.32	10.03
-5.0B	11.909	-71.68	-55.59	-1.94	-6.33	10.08
-6.0A	12.475	-82.68	-54.40	-7.97	-7.19	10.19
-7.0A	13.009	-92.74	-49.57	-13.17	-7.90	10.34
-8.0A	13.480	-102.05	-42.23	-17.90	-8.44	10.51
-9.0	13.868	-110.80	-33.47	-22.30	-8.84	10.68
-10.0	14.162	-119.14	-24.00	-26.12	-9.11	10.84
-11.0	14.358	-127.19	-14.13	-28.95	-9.26	10.97
-12.0	14.451	-135.10	-4.08	-30.35	-9.32	11.04
-13.0	14.441	-142.96	6.01	-30.06	-9.31	11.04
-14.0	14.328	-150.90	15.97	-28.09	-9.24	10.95
-15.0	14.115	-159.02	25.61	-24.69	-9.14	10.75
-16.0	13.806	-167.46	34.72	-20.30	-9.04	10.44
-17.0A	13.409	-176.36	42.80	-15.35	-8.95	9.98
-18.0A	12.937	-185.87	48.91	-10.20	-8.90	9.39
-19.0B	12.419	-196.14	51.78	-4.94	-8.91	8.65
-20.0B	11.892	-207.32	50.77	0.54	-8.99	7.78
-21.0	11.391	-219.50	46.70	6.45	-9.14	6.79
-22.0	10.941	-232.73	41.13	12.91	-9.35	5.68
-23.0	10.553	-247.02	34.53	19.75	-9.57	4.45
-24.0C	10.243	-262.29	25.64	26.21	-9.77	3.09
-25.0C	10.042	-278.38	13.05	30.92	-9.91	1.64
-26.0C	9.987	-294.90	-2.66	32.37	-9.99	0.14
-27.0C	10.098	-311.33	-18.74	29.95	-10.01	-1.36
-28.0C	10.361	-327.18	-32.05	24.48	-9.98	-2.80
-29.0C	10.737	-342.07	-40.72	17.62	-9.91	-4.14
-30.0C	11.178	-355.88	-44.75	10.85	-9.82	-5.34

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	30.00	0.0	10.00
-1.0	10.138	-16.23	-21.66	26.77	-1.47	10.03
-2.0	10.434	-31.76	-35.64	20.52	-2.87	10.03
-3.0	10.857	-46.25	-46.48	12.70	-4.16	10.03
-4.0B	11.373	-59.51	-53.80	4.70	-5.32	10.05
-5.0B	11.943	-71.54	-56.94	-2.51	-6.33	10.13
-6.0A	12.521	-82.46	-55.48	-8.61	-7.18	10.26
-7.0A	13.064	-92.43	-50.02	-13.84	-7.87	10.43
-8.0A	13.536	-101.66	-41.97	-18.59	-8.40	10.61
-9.0	13.918	-110.34	-32.62	-22.96	-8.79	10.79
-10.0	14.201	-118.62	-22.70	-26.67	-9.04	10.95
-11.0	14.381	-126.65	-12.53	-29.29	-9.17	11.08
-12.0	14.457	-134.54	-2.27	-30.39	-9.22	11.14
-13.0	14.428	-142.41	7.97	-29.76	-9.19	11.12
-14.0	14.294	-150.37	18.08	-27.45	-9.12	11.01
-15.0	14.059	-158.56	27.93	-23.74	-9.02	10.79
-16.0	13.725	-167.09	37.25	-19.07	-8.92	10.43
-17.0A	13.301	-176.12	45.38	-13.92	-8.84	9.94
-18.0A	12.805	-185.82	51.04	-8.59	-8.80	9.30
-19.0B	12.270	-196.34	52.75	-3.18	-8.83	8.52
-20.0B	11.741	-207.81	50.19	2.44	-8.94	7.61
-21.0	11.253	-220.31	44.93	8.47	-9.13	6.58
-22.0	10.824	-233.85	38.85	15.00	-9.36	5.44
-23.0	10.461	-248.43	32.03	21.79	-9.59	4.17
-24.0C	10.178	-263.96	22.71	27.97	-9.79	2.79
-25.0C	10.010	-280.22	9.48	32.06	-9.92	1.31
-26.0C	9.994	-296.81	-6.62	32.62	-9.99	-0.20
-27.0C	10.144	-313.18	-22.41	29.33	-10.00	-1.69
-28.0C	10.440	-328.86	-34.71	23.34	-9.96	-3.12
-29.0C	10.837	-343.52	-42.03	16.41	-9.89	-4.43
-30.0C	11.284	-357.10	-44.80	9.87	-9.79	-5.61

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	-5.00	30.00	0.0	10.00
-1.0	10.139	-16.22	-21.86	26.73	-1.47	10.03
-2.0	10.438	-31.75	-36.08	20.39	-2.86	10.04
-3.0	10.867	-46.21	-47.28	12.43	-4.16	10.04
-4.0B	11.393	-59.43	-54.99	4.27	-5.31	10.08
-5.0B	11.977	-71.40	-58.27	-3.07	-6.32	10.17
-6.0A	12.568	-82.24	-56.47	-9.23	-7.17	10.32
-7.0A	13.117	-92.13	-50.34	-14.49	-7.85	10.51
-8.0A	13.588	-101.28	-41.59	-19.24	-8.37	10.71
-9.0	13.964	-109.90	-31.68	-23.57	-8.73	10.90
-10.0	14.235	-118.13	-21.37	-27.16	-8.96	11.06
-11.0	14.400	-126.13	-10.96	-29.56	-9.08	11.17
-12.0	14.459	-134.01	-0.53	-30.37	-9.12	11.22
-13.0	14.411	-141.89	9.86	-29.41	-9.08	11.19
-14.0	14.258	-149.89	20.14	-26.77	-9.00	11.06
-15.0	14.000	-158.13	30.21	-22.76	-8.90	10.81
-16.0A	13.642	-166.76	39.75	-17.85	-8.80	10.42
-17.0A	13.192	-175.93	47.87	-12.49	-8.73	9.89
-18.0A	12.673	-185.82	52.89	-7.00	-8.71	9.20
-19.0B	12.126	-196.59	53.22	-1.46	-8.77	8.38
-20.0	11.600	-208.35	49.13	4.27	-8.90	7.43
-21.0	11.128	-221.15	42.96	10.39	-9.12	6.38
-22.0	10.721	-234.98	36.64	16.96	-9.37	5.21
-23.0	10.381	-249.83	29.70	23.67	-9.62	3.91
-24.0C	10.124	-265.59	19.94	29.55	-9.81	2.49
-25.0C	9.987	-282.00	6.06	32.99	-9.94	1.00
-26.0C	10.008	-298.62	-10.34	32.69	-10.00	-0.52
-27.0C	10.195	-314.92	-25.70	28.64	-10.00	-2.00
-28.0C	10.520	-330.41	-36.93	22.27	-9.95	-3.41
-29.0C	10.932	-344.87	-42.91	15.35	-9.87	-4.70
-30.C	11.383	-358.24	-44.55	9.06	-9.76	-5.85

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-30.00	0.0	10.00
-1.0	9.930	-12.95	13.67	-28.87	-0.87	9.89
-2.0	9.720	-26.27	27.56	-24.94	-1.76	9.56
-3.0	9.369	-40.40	40.73	-17.42	-2.69	8.98
-4.0C	8.900	-55.86	49.66	-5.63	-3.65	8.12
-5.0D	8.390	-73.16	48.04	9.53	-4.64	6.99
-6.0	7.962	-92.54	33.84	24.30	-5.64	5.62
-7.0	7.723	-113.61	12.14	33.63	-6.57	4.07
-8.0	7.719	-135.36	-11.18	33.94	-7.34	2.38
-9.0	7.937	-156.51	-30.43	25.46	-7.91	0.65
-10.0	8.314	-176.13	-41.88	12.06	-8.25	-1.02
-11.0	8.767	-193.86	-45.50	-2.01	-8.39	-2.54
-12.0	9.224	-209.81	-42.93	-14.11	-8.37	-3.88
-13.0D	9.629	-224.31	-35.64	-23.25	-8.21	-5.03
-14.0D	9.941	-237.74	-24.90	-29.34	-7.94	-5.98
-15.0D	10.131	-250.48	-12.02	-32.73	-7.55	-6.76
-16.0D	10.184	-262.91	1.72	-33.77	-7.03	-7.37
-17.0D	10.097	-275.37	15.19	-32.63	-6.37	-7.83
-18.0	9.877	-288.20	27.59	-29.16	-5.55	-8.17
-19.0	9.537	-301.77	38.68	-22.86	-4.56	-8.38
-20.0	9.090	-316.51	48.45	-12.70	-3.36	-8.45
-21.0E	8.559	-332.95	54.23	2.23	-1.95	-8.33
-22.0F	8.023	-351.65	47.84	20.36	-0.33	-8.02
-23.0	7.638	-372.67	25.18	35.28	1.42	-7.50
-24.0	7.535	-395.07	-5.44	39.40	3.21	-6.82
-25.0	7.738	-417.14	-33.08	30.66	4.91	-5.98
-26.0	8.177	-437.42	-50.83	13.85	6.42	-5.06
-27.0F	8.737	-455.32	-56.77	-4.14	7.70	-4.14
-28.0F	9.302	-471.00	-51.94	-18.68	8.71	-3.26
-29.0E	9.773	-484.99	-39.34	-28.36	9.47	-2.43
-30.0E	10.092	-497.89	-22.60	-33.70	9.96	-1.65

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-30.00	0.0	10.00
-1.0	9.931	-12.95	13.52	-28.90	-0.87	9.89
-2.0	9.722	-26.26	27.54	-24.98	-1.76	9.56
-3.0	9.369	-40.39	41.22	-17.37	-2.69	8.98
-4.0C	8.892	-55.86	50.64	-5.29	-3.65	8.11
-5.0D	8.373	-73.23	48.50	10.17	-4.64	6.97
-6.0	7.947	-92.69	33.11	24.90	-5.64	5.60
-7.0	7.719	-113.82	10.93	33.82	-6.58	4.04
-8.0	7.726	-135.56	-12.01	33.71	-7.36	2.35
-9.0	7.949	-156.67	-30.58	25.11	-7.92	0.63
-10.0	8.325	-176.23	-41.60	11.82	-8.26	-1.03
-11.0	8.775	-193.93	-45.29	-2.13	-8.40	-2.55
-12.0	9.232	-209.87	-43.20	-14.27	-8.37	-3.89
-13.0D	9.643	-224.33	-36.47	-23.56	-8.22	-5.04
-14.0D	9.965	-237.71	-26.12	-29.87	-7.96	-5.99
-15.0D	10.169	-250.37	-13.40	-33.47	-7.59	-6.77
-16.0D	10.236	-262.67	0.35	-34.74	-7.10	-7.38
-17.0D	10.163	-274.98	13.86	-33.88	-6.46	-7.84
-18.0	9.956	-287.61	26.23	-30.83	-5.68	-8.18
-19.0	9.631	-300.92	37.30	-25.12	-4.72	-8.39
-20.0	9.196	-315.32	47.58	-15.75	-3.58	-8.47
-21.0E	8.664	-331.35	55.49	-1.39	-2.21	-8.38
-22.0F	8.098	-349.60	52.45	17.23	-0.63	-8.07
-23.0	7.656	-370.34	31.23	34.06	1.12	-7.57
-24.0	7.494	-392.77	-0.20	40.65	2.92	-6.90
-25.0	7.654	-415.18	-29.87	33.62	4.65	-6.08
-26.0	8.073	-435.92	-50.22	17.05	6.21	-5.16
-27.0F	8.640	-454.22	-58.68	-1.88	7.53	-4.24
-28.0F	9.233	-470.16	-55.48	-17.71	8.60	-3.36
-29.0E	9.744	-484.27	-43.17	-28.39	9.41	-2.54
-30.0E	10.099	-497.16	-25.84	-34.33	9.94	-1.78

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-30.00	0.0	10.00
-1.0	9.932	-12.95	13.37	-28.93	-0.87	9.89
-2.0	9.724	-26.26	27.52	-25.03	-1.76	9.56
-3.0	9.369	-40.38	41.71	-17.32	-2.68	8.98
-4.0C	8.885	-55.87	51.62	-4.96	-3.65	8.10
-5.0D	8.357	-73.29	48.92	10.80	-4.64	6.95
-6.0	7.933	-92.84	32.36	25.47	-5.65	5.57
-7.0	7.715	-114.02	9.76	33.98	-6.59	4.01
-8.0	7.733	-135.75	-12.78	33.48	-7.37	2.33
-9.0	7.961	-156.81	-30.69	24.77	-7.94	0.61
-10.0	8.335	-176.33	-41.32	11.58	-8.27	-1.05
-11.0	8.782	-194.00	-45.12	-2.27	-8.40	-2.57
-12.0	9.240	-209.91	-43.51	-14.44	-8.38	-3.90
-13.0D	9.657	-224.34	-37.33	-23.90	-8.23	-5.05
-14.0D	9.990	-237.66	-27.34	-30.41	-7.99	-6.00
-15.0D	10.207	-250.23	-14.71	-34.21	-7.64	-6.77
-16.0D	10.287	-262.43	-0.88	-35.67	-7.16	-7.38
-17.0D	10.225	-274.58	12.76	-35.04	-6.56	-7.85
-18.0D	10.030	-287.03	25.15	-32.32	-5.80	-8.18
-19.0	9.716	-300.12	36.09	-27.13	-4.89	-8.40
-20.0	9.294	-314.21	46.52	-18.48	-3.78	-8.49
-21.0	8.767	-329.85	56.02	-4.82	-2.46	-8.42
-22.0E	8.179	-347.67	56.34	13.99	-0.91	-8.13
-23.0F	7.684	-368.09	37.03	32.46	0.82	-7.64
-24.0	7.465	-390.49	5.09	41.45	2.63	-6.99
-25.0	7.578	-413.19	-26.29	36.31	4.39	-6.18
-26.0	7.972	-434.37	-49.00	20.27	5.99	-5.26
-27.0F	8.540	-453.10	-60.00	0.61	7.36	-4.33
-28.0F	9.157	-469.33	-58.72	-16.48	8.48	-3.45
-29.0E	9.705	-483.58	-46.97	-28.22	9.34	-2.65
-30.0E	10.097	-496.49	-29.15	-34.80	9.92	-1.90

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-30.00	0.0	10.00
-1.0	9.933	-12.94	13.22	-28.97	-0.87	9.89
-2.0	9.726	-26.25	27.49	-25.08	-1.76	9.57
-3.0	9.369	-40.37	42.20	-17.28	-2.68	8.98
-4.0C	8.877	-55.88	52.59	-4.63	-3.64	8.09
-5.0D	8.341	-73.36	49.30	11.42	-4.64	6.93
-6.0	7.919	-92.99	31.59	26.00	-5.65	5.55
-7.0	7.712	-114.21	8.63	34.11	-6.60	3.99
-8.0	7.740	-135.93	-13.50	33.24	-7.39	2.31
-9.0	7.972	-156.94	-30.79	24.44	-7.95	0.59
-10.0	8.345	-176.42	-41.06	11.35	-8.28	-1.06
-11.0	8.790	-194.06	-44.98	-2.41	-8.40	-2.58
-12.0	9.248	-209.95	-43.86	-14.63	-8.38	-3.91
-13.0D	9.671	-224.34	-38.23	-24.26	-8.25	-5.05
-14.0D	10.016	-237.60	-28.55	-30.96	-8.01	-6.01
-15.0D	10.245	-250.09	-15.94	-34.93	-7.68	-6.78
-16.0D	10.337	-262.17	-1.93	-36.55	-7.23	-7.39
-17.0D	10.286	-274.18	11.91	-36.10	-6.65	-7.85
-18.0D	10.098	-286.47	24.37	-33.63	-5.92	-8.18
-19.0	9.793	-299.35	35.15	-28.85	-5.04	-8.40
-20.0	9.381	-313.18	45.46	-20.84	-3.97	-8.50
-21.0	8.861	-328.47	55.99	-7.90	-2.69	-8.44
-22.0E	8.259	-345.89	59.42	10.86	-1.17	-8.18
-23.0F	7.719	-365.99	42.36	30.67	0.54	-7.70
-24.0	7.445	-388.32	10.11	41.85	2.36	-7.06
-25.0	7.513	-411.24	-22.67	38.62	4.14	-6.27
-26.0	7.880	-432.83	-47.40	23.32	5.78	-5.36
-27.0F	8.444	-451.97	-60.76	3.15	7.19	-4.43
-28.0F	9.080	-468.50	-61.55	-15.12	8.36	-3.55
-29.0E	9.662	-482.90	-50.57	-27.92	9.26	-2.74
-30.0E	10.090	-495.85	-32.37	-35.16	9.89	-2.01

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-25.00	0.0	10.00
-1.0	9.942	-13.23	11.40	-24.04	-0.92	9.90
-2.0	9.766	-26.78	23.02	-20.71	-1.86	9.59
-3.0	9.473	-41.01	34.09	-14.45	-2.81	9.05
-4.0C	9.079	-56.34	42.06	-4.78	-3.79	8.25
-5.0D	8.640	-73.18	41.99	7.62	-4.78	7.19
-6.0D	8.259	-91.73	30.83	19.83	-5.76	5.91
-7.0	8.036	-111.69	11.96	27.63	-6.69	4.46
-8.0	8.020	-132.24	-8.66	28.10	-7.49	2.88
-9.0	8.202	-152.35	-26.06	21.36	-8.10	1.26
-10.0	8.532	-171.22	-37.30	10.18	-8.53	-0.31
-11.0	8.942	-188.49	-41.78	-2.05	-8.76	-1.78
-12.0D	9.366	-204.20	-40.24	-12.92	-8.84	-3.09
-13.0D	9.748	-218.57	-33.75	-21.26	-8.78	-4.23
-14.0D	10.044	-231.95	-23.64	-26.86	-8.59	-5.20
-15.0D	10.224	-244.70	-11.38	-29.95	-8.27	-6.02
-16.0D	10.274	-257.15	1.67	-30.85	-7.80	-6.68
-17.0D	10.191	-269.63	14.31	-29.73	-7.19	-7.23
-18.0D	9.986	-282.47	25.57	-26.55	-6.41	-7.66
-19.0	9.675	-295.98	34.99	-21.01	-5.46	-7.99
-20.0	9.276	-310.51	42.72	-12.48	-4.31	-8.21
-21.0	8.809	-326.47	48.04	-0.23	-2.96	-8.30
-22.0E	8.318	-344.32	45.98	15.27	-1.40	-8.20
-23.0F	7.917	-364.25	29.99	29.82	0.32	-7.91
-24.0	7.743	-385.70	2.92	36.46	2.11	-7.45
-25.0	7.860	-407.28	-24.87	31.42	3.87	-6.84
-26.0F	8.225	-427.53	-44.85	17.45	5.49	-6.13
-27.0F	8.737	-445.68	-53.33	0.83	6.89	-5.37
-28.0E	9.277	-461.72	-50.65	-13.39	8.05	-4.61
-29.0E	9.746	-476.09	-39.93	-23.25	8.95	-3.86
-30.0E	10.080	-489.31	-24.94	-29.01	9.59	-3.12

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-25.00	0.0	10.00
-1.0	9.943	-13.23	11.25	-24.07	-0.92	9.90
-2.0	9.768	-26.77	22.98	-20.76	-1.86	9.59
-3.0	9.473	-41.00	34.51	-14.42	-2.81	9.05
-4.CC	9.072	-56.34	43.06	-4.48	-3.79	8.24
-5.0D	8.623	-73.24	42.79	8.28	-4.78	7.18
-6.0	8.239	-91.88	30.44	20.58	-5.77	5.88
-7.0	8.026	-111.92	10.52	28.00	-6.70	4.42
-8.0	8.027	-132.47	-10.40	27.80	-7.50	2.85
-9.0	8.226	-152.50	-27.57	20.46	-8.13	1.24
-10.0	8.570	-171.23	-38.51	8.90	-8.56	-0.32
-11.0	8.991	-188.33	-42.87	-3.55	-8.82	-1.76
-12.0D	9.426	-203.83	-41.22	-14.52	-8.92	-3.05
-13.0D	9.817	-218.00	-34.43	-22.86	-8.89	-4.17
-14.0D	10.117	-231.17	-23.77	-28.36	-8.72	-5.12
-15.0D	10.295	-243.72	-10.86	-31.30	-8.43	-5.91
-16.0D	10.336	-256.00	2.79	-32.03	-7.98	-6.57
-17.0D	10.240	-268.33	15.80	-30.74	-7.38	-7.09
-18.0D	10.019	-281.05	27.05	-27.42	-6.62	-7.52
-19.C	9.694	-294.47	36.16	-21.77	-5.68	-7.86
-20.0	9.285	-308.93	43.72	-13.14	-4.54	-8.10
-21.C	8.805	-324.85	49.55	-0.58	-3.19	-8.21
-22.0E	8.295	-342.73	48.16	15.64	-1.63	-8.13
-23.0F	7.875	-362.79	31.30	31.02	0.12	-7.87
-24.0	7.698	-384.45	2.23	37.80	1.94	-7.45
-25.0	7.830	-406.20	-27.16	31.98	3.73	-6.88
-26.0F	8.224	-426.49	-47.93	16.84	5.38	-6.22
-27.0F	8.767	-444.54	-56.26	-0.72	6.81	-5.52
-28.0E	9.332	-460.38	-52.43	-15.28	7.99	-4.82
-29.0E	9.811	-474.53	-40.13	-25.00	8.90	-4.13
-30.0E	10.139	-487.56	-23.72	-30.40	9.54	-3.43

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-25.00	0.0	10.00
-1.0	9.944	-13.23	11.10	-24.11	-0.92	9.90
-2.0	9.770	-26.77	22.93	-20.81	-1.86	9.59
-3.0	9.474	-40.99	34.93	-14.39	-2.81	9.05
-4.0C	9.065	-56.34	44.04	-4.19	-3.79	8.24
-5.0D	8.606	-73.30	43.55	8.92	-4.78	7.16
-6.0	8.220	-92.03	30.01	21.30	-5.77	5.86
-7.0	8.018	-112.14	9.08	28.32	-6.71	4.39
-8.0	8.035	-132.70	-12.09	27.47	-7.52	2.83
-9.0	8.250	-152.64	-29.06	19.54	-8.16	1.23
-10.0	8.608	-171.22	-39.79	7.59	-8.60	-0.32
-11.0	9.042	-188.14	-44.07	-5.09	-8.87	-1.74
-12.0D	9.489	-203.44	-42.27	-16.16	-9.00	-3.01
-13.0D	9.888	-217.39	-35.01	-24.47	-8.99	-4.11
-14.0D	10.191	-230.36	-23.63	-29.82	-8.86	-5.04
-15.0D	10.363	-242.72	-9.89	-32.54	-8.59	-5.80
-16.0D	10.391	-254.84	4.45	-33.01	-8.16	-6.44
-17.0D	10.276	-267.05	17.84	-31.46	-7.57	-6.95
-18.0D	10.034	-279.70	29.01	-27.87	-6.80	-7.37
-19.0	9.691	-293.08	37.63	-21.99	-5.86	-7.72
-20.0	9.269	-307.56	44.82	-13.11	-4.73	-7.97
-21.0	8.777	-323.54	50.89	-0.12	-3.37	-8.10
-22.0E	8.253	-341.54	49.54	16.84	-1.78	-8.06
-23.0F	7.825	-361.82	31.05	32.67	-0.02	-7.82
-24.0	7.662	-383.71	-0.11	38.89	1.83	-7.44
-25.0	7.824	-405.55	-30.63	31.69	3.65	-6.92
-26.0F	8.254	-425.74	-51.47	15.18	5.31	-6.32
-27.0F	8.830	-443.54	-58.81	-3.08	6.76	-5.68
-28.0E	9.412	-459.10	-53.13	-17.56	7.95	-5.04
-29.0E	9.888	-472.99	-38.98	-26.78	8.86	-4.40
-30.0E	10.198	-485.82	-21.23	-31.59	9.49	-3.74

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-25.00	0.0	10.00
-1.0	9.945	-13.23	10.94	-24.14	-0.92	9.90
-2.0	9.773	-26.76	22.88	-20.87	-1.85	9.60
-3.0	9.475	-40.97	35.34	-14.37	-2.81	9.05
-4.0C	9.059	-56.34	45.01	-3.91	-3.79	8.23
-5.0D	8.590	-73.35	44.27	9.55	-4.78	7.14
-6.0	8.203	-92.17	29.52	21.98	-5.77	5.83
-7.0	8.010	-112.35	7.66	28.59	-6.72	4.37
-8.0	8.044	-132.90	-13.74	27.10	-7.54	2.80
-9.0	8.275	-152.76	-30.55	18.60	-8.19	1.21
-10.0	8.647	-171.20	-41.15	6.25	-8.64	-0.32
-11.0	9.095	-187.92	-45.39	-6.68	-8.93	-1.72
-12.0D	9.554	-203.01	-43.35	-17.84	-9.08	-2.97
-13.0D	9.962	-216.75	-35.45	-26.06	-9.11	-4.04
-14.0D	10.264	-229.51	-23.13	-31.19	-9.00	-4.94
-15.0D	10.427	-241.70	-8.45	-33.62	-8.74	-5.68
-16.0D	10.436	-253.68	6.64	-33.77	-8.32	-6.30
-17.0D	10.296	-265.82	20.38	-31.86	-7.73	-6.80
-18.0D	10.028	-278.43	31.32	-27.92	-6.96	-7.22
-19.0	9.665	-291.86	39.28	-21.69	-6.01	-7.57
-20.0	9.229	-306.42	45.98	-12.42	-4.86	-7.84
-21.0	8.726	-322.55	52.10	1.17	-3.49	-8.00
-22.0E	8.190	-340.78	50.10	18.85	-1.88	-7.97
-23.0F	7.769	-361.36	29.16	34.69	-0.08	-7.77
-24.0	7.637	-383.46	-4.12	39.58	1.80	-7.42
-25.0	7.844	-405.29	-35.21	30.45	3.63	-6.96
-26.0F	8.319	-425.24	-55.35	12.49	5.30	-6.41
-27.0F	8.926	-442.67	-60.75	-6.13	6.75	-5.85
-28.0E	9.515	-457.87	-52.54	-20.08	7.92	-5.27
-29.0E	9.974	-471.47	-36.44	-28.47	8.81	-4.67
-30.0	10.251	-484.11	-17.51	-32.50	9.42	-4.04

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-20.00	0.0	10.00
-1.0	9.954	-13.52	9.09	-19.23	-0.97	9.91
-2.0	9.813	-27.29	18.41	-16.54	-1.95	9.62
-3.0	9.578	-41.61	27.38	-11.53	-2.94	9.12
-4.0C	9.260	-56.80	34.25	-3.92	-3.94	8.38
-5.0C	8.897	-73.19	35.50	5.87	-4.93	7.41
-6.0D	8.565	-90.95	27.90	15.77	-5.89	6.21
-7.0	8.353	-109.87	12.61	22.51	-6.80	4.85
-8.0	8.316	-129.35	-5.51	23.47	-7.60	3.37
-9.0	8.459	-148.57	-21.66	18.38	-8.25	1.85
-10.0	8.742	-166.80	-32.83	9.18	-8.74	0.35
-11.0	9.109	-183.70	-37.92	-1.35	-9.05	-1.06
-12.0D	9.498	-199.22	-37.13	-10.96	-9.20	-2.34
-13.0D	9.852	-213.54	-31.40	-18.47	-9.22	-3.48
-14.0D	10.128	-226.95	-22.13	-23.55	-9.09	-4.47
-15.0D	10.297	-239.77	-10.80	-26.36	-8.82	-5.32
-16.0D	10.346	-252.32	1.25	-27.17	-8.40	-6.04
-17.0D	10.273	-264.89	12.83	-26.13	-7.82	-6.66
-18.0D	10.089	-277.78	22.89	-23.29	-7.09	-7.18
-19.0	9.813	-291.26	30.79	-18.52	-6.18	-7.62
-20.0	9.467	-305.62	36.56	-11.56	-5.10	-7.98
-21.0	9.071	-321.15	40.40	-1.99	-3.83	-8.22
-22.0E	8.652	-338.17	40.52	10.16	-2.37	-8.32
-23.0E	8.272	-356.88	31.97	22.89	-0.73	-8.24
-24.0F	8.037	-377.07	12.44	31.42	1.01	-7.97
-25.0F	8.036	-397.87	-12.27	31.17	2.76	-7.55
-26.0F	8.276	-418.03	-33.44	22.07	4.43	-6.99
-27.0F	8.688	-436.62	-45.45	8.39	5.93	-6.35
-28.0E	9.169	-453.35	-47.05	-4.96	7.21	-5.66
-29.0E	9.622	-468.43	-40.36	-15.23	8.25	-4.95
-30.0E	9.978	-482.29	-28.71	-21.90	9.04	-4.22

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-20.00	0.0	10.00
-1.0	9.955	-13.51	8.93	-19.27	-0.97	9.91
-2.0	9.816	-27.28	18.35	-16.59	-1.95	9.62
-3.0	9.580	-41.59	27.73	-11.53	-2.94	9.12
-4.0C	9.255	-56.80	35.20	-3.68	-3.93	8.38
-5.0C	8.880	-73.24	36.58	6.49	-4.92	7.39
-6.0D	8.541	-91.09	28.08	16.66	-5.89	6.18
-7.0	8.334	-110.12	11.44	23.19	-6.81	4.81
-8.0	8.315	-129.65	-7.61	23.49	-7.62	3.33
-9.0	8.481	-148.81	-24.09	17.54	-8.28	1.82
-10.0	8.789	-166.90	-35.19	7.61	-8.78	0.34
-11.0D	9.179	-183.56	-39.94	-3.38	-9.12	-1.05
-12.0D	9.585	-198.80	-38.49	-13.15	-9.31	-2.30
-13.0D	9.948	-212.83	-31.79	-20.55	-9.35	-3.40
-14.0D	10.222	-225.97	-21.39	-25.34	-9.25	-4.36
-15.0C	10.379	-238.56	-8.99	-27.79	-9.00	-5.17
-16.0D	10.405	-250.93	3.89	-28.18	-8.59	-5.87
-17.0D	10.302	-263.39	15.90	-26.71	-8.02	-6.47
-18.0D	10.087	-276.24	25.85	-23.40	-7.27	-6.99
-19.0	9.783	-289.76	33.11	-18.16	-6.36	-7.43
-20.0	9.417	-304.23	38.13	-10.72	-5.26	-7.81
-21.0	9.008	-319.93	41.63	-0.58	-3.98	-8.08
-22.0E	8.578	-337.20	41.43	12.29	-2.48	-8.21
-23.0E	8.195	-356.25	31.33	25.46	-0.81	-8.15
-24.0F	7.979	-376.77	9.21	33.37	0.96	-7.92
-25.0F	8.021	-397.74	-17.29	31.35	2.74	-7.54
-26.0F	8.314	-417.82	-38.53	20.29	4.42	-7.04
-27.0F	8.772	-436.10	-49.06	5.46	5.93	-6.47
-28.0E	9.279	-452.45	-48.28	-7.99	7.21	-5.85
-29.0E	9.731	-467.16	-39.24	-17.68	8.23	-5.19
-30.0E	10.067	-480.73	-25.87	-23.57	9.00	-4.50

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-20.00	0.0	10.00
-1.0	9.956	-13.51	8.78	-19.30	-0.97	9.91
-2.0	9.818	-27.27	18.28	-16.65	-1.95	9.62
-3.0	9.581	-41.58	28.07	-11.52	-2.94	9.12
-4.0C	9.249	-56.79	36.13	-3.44	-3.93	8.37
-5.0C	8.864	-73.28	37.62	7.10	-4.92	7.37
-6.0D	8.518	-91.22	28.19	17.51	-5.89	6.15
-7.0	8.317	-110.36	10.22	23.81	-6.81	4.77
-8.0	8.315	-129.93	-9.70	23.43	-7.63	3.30
-9.0	8.504	-149.03	-26.49	16.65	-8.31	1.79
-10.0	8.837	-166.96	-37.53	6.02	-8.83	0.33
-11.0D	9.249	-183.39	-41.92	-5.39	-9.19	-1.03
-12.0D	9.672	-198.36	-39.68	-15.26	-9.41	-2.25
-13.0D	10.042	-212.12	-31.83	-22.46	-9.48	-3.32
-14.0C	10.310	-225.01	-20.18	-26.91	-9.40	-4.24
-15.0C	10.448	-237.40	-6.67	-28.92	-9.16	-5.02
-16.0C	10.446	-249.63	7.01	-28.84	-8.75	-5.70
-17.0D	10.310	-262.03	19.34	-26.84	-8.17	-6.28
-18.0D	10.060	-274.90	28.94	-23.00	-7.42	-6.80
-19.0	9.729	-288.53	35.29	-17.23	-6.48	-7.26
-20.0	9.346	-303.18	39.43	-9.25	-5.36	-7.65
-21.0	8.926	-319.14	42.50	1.53	-4.05	-7.95
-22.0E	8.489	-336.75	41.58	15.07	-2.52	-8.11
-23.0F	8.115	-356.18	29.20	28.31	-0.81	-8.07
-24.0F	7.936	-377.03	4.30	34.88	0.99	-7.87
-25.0F	8.036	-398.06	-23.33	30.53	2.79	-7.54
-26.0F	8.388	-417.90	-43.67	17.48	4.47	-7.10
-27.0F	8.887	-435.76	-51.74	1.93	5.97	-6.59
-28.0F	9.406	-451.66	-47.99	-11.08	7.22	-6.03
-29.0E	9.843	-466.00	-36.62	-19.84	8.22	-5.42
-30.0	10.143	-479.32	-21.82	-24.78	8.96	-4.76

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-20.00	0.0	10.00
-1.0	9.957	-13.51	8.62	-19.34	-0.97	9.91
-2.0	9.820	-27.27	18.20	-16.71	-1.95	9.63
-3.0	9.582	-41.57	28.40	-11.52	-2.93	9.12
-4.0C	9.244	-56.79	37.06	-3.21	-3.93	8.37
-5.0C	8.848	-73.32	38.64	7.71	-4.92	7.36
-6.0D	8.496	-91.36	28.23	18.32	-5.89	6.12
-7.0	8.301	-110.59	8.96	24.38	-6.82	4.74
-8.0	8.317	-130.19	-11.78	23.31	-7.65	3.26
-9.0	8.530	-149.23	-28.86	15.72	-8.34	1.77
-10.0	8.887	-166.99	-39.86	4.41	-8.88	0.33
-11.0D	9.321	-183.19	-43.82	-7.37	-9.27	-1.00
-12.0D	9.758	-197.89	-40.64	-17.26	-9.51	-2.19
-13.0D	10.132	-211.39	-31.49	-24.20	-9.60	-3.22
-14.0C	10.389	-224.06	-18.51	-28.22	-9.54	-4.11
-15.0C	10.505	-236.29	-3.90	-29.76	-9.31	-4.87
-16.0C	10.470	-248.42	10.50	-29.15	-8.89	-5.53
-17.0D	10.296	-260.81	22.96	-26.59	-8.29	-6.10
-18.0D	10.012	-273.77	31.93	-22.16	-7.51	-6.62
-19.0	9.656	-287.56	37.14	-15.83	-6.55	-7.09
-20.0	9.259	-302.46	40.37	-7.27	-5.41	-7.51
-21.0	8.832	-318.74	43.03	4.18	-4.06	-7.84
-22.0E	8.395	-336.74	40.99	18.30	-2.50	-8.01
-23.0F	8.040	-356.59	25.67	31.16	-0.75	-8.01
-24.0F	7.913	-377.71	-1.87	35.74	1.08	-7.84
-25.0F	8.080	-398.69	-29.87	28.72	2.89	-7.55
-26.0F	8.490	-418.15	-48.35	13.92	4.56	-7.16
-27.0E	9.021	-435.52	-53.17	-1.80	6.03	-6.71
-28.0E	9.537	-450.95	-46.25	-13.93	7.25	-6.20
-29.0E	9.945	-464.95	-32.83	-21.56	8.20	-5.63
-30.0	10.201	-478.07	-16.96	-25.48	8.90	-4.98

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-15.00	0.0	10.00
-1.0	9.966	-13.80	6.73	-14.44	-1.02	9.91
-2.0	9.861	-27.79	13.74	-12.41	-2.04	9.65
-3.0	9.685	-42.19	20.61	-8.67	-3.07	9.19
-4.0	9.444	-57.24	26.23	-3.03	-4.08	8.52
-5.0C	9.160	-73.19	28.38	4.25	-5.07	7.63
-6.0D	8.885	-90.17	24.38	11.95	-6.03	6.53
-7.0D	8.685	-108.10	13.68	17.81	-6.91	5.26
-8.0D	8.618	-126.58	-0.95	19.63	-7.70	3.87
-9.0	8.704	-145.00	-15.40	16.62	-8.36	2.43
-10.0D	8.922	-162.76	-26.45	9.82	-8.87	0.99
-11.0D	9.227	-179.48	-32.45	1.28	-9.22	-0.40
-12.0D	9.567	-195.03	-33.12	-7.02	-9.42	-1.68
-13.0D	9.889	-209.53	-29.13	-13.84	-9.47	-2.84
-14.0D	10.151	-223.17	-21.69	-18.69	-9.38	-3.87
-15.0C	10.325	-236.23	-12.15	-21.59	-9.15	-4.78
-16.0D	10.397	-248.98	-1.74	-22.71	-8.78	-5.57
-17.0D	10.362	-261.68	8.45	-22.21	-8.25	-6.27
-18.0D	10.228	-274.60	17.41	-20.17	-7.58	-6.87
-19.0D	10.013	-287.95	24.35	-16.63	-6.74	-7.40
-20.0	9.738	-301.97	28.99	-11.59	-5.76	-7.85
-21.0	9.426	-316.86	31.67	-4.96	-4.61	-8.22
-22.0	9.096	-332.79	32.59	3.31	-3.30	-8.48
-23.0E	8.770	-349.93	30.33	12.78	-1.83	-8.58
-24.0E	8.497	-368.32	21.94	21.70	-0.23	-8.49
-25.0F	8.346	-387.70	6.48	26.90	1.44	-8.22
-26.0F	8.375	-407.36	-12.18	25.77	3.09	-7.78
-27.0F	8.586	-426.45	-28.08	18.58	4.66	-7.21
-28.0F	8.926	-444.33	-37.10	8.21	6.07	-6.55
-29.0E	9.318	-460.78	-38.35	-2.05	7.28	-5.82
-30.0E	9.689	-475.92	-33.32	-10.27	8.27	-5.05

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-15.00	0.0	10.00
-1.0	9.967	-13.80	6.57	-14.47	-1.02	9.91
-2.0	9.864	-27.78	13.65	-12.47	-2.04	9.65
-3.0	9.687	-42.18	20.87	-8.68	-3.06	9.19
-4.0C	9.440	-57.23	27.07	-2.85	-4.08	8.51
-5.0C	9.146	-73.22	29.60	4.80	-5.07	7.61
-6.0D	8.859	-90.29	25.19	12.88	-6.02	6.50
-7.0D	8.657	-108.34	13.26	18.82	-6.91	5.21
-8.0D	8.601	-126.93	-2.71	20.20	-7.71	3.82
-9.0	8.710	-145.38	-18.04	16.38	-8.38	2.37
-10.0D	8.956	-163.05	-29.36	8.70	-8.91	0.94
-11.0D	9.291	-179.58	-35.07	-0.50	-9.28	-0.42
-12.0D	9.654	-194.87	-34.94	-9.11	-9.51	-1.67
-13.0D	9.988	-209.08	-29.78	-15.90	-9.59	-2.79
-14.0C	10.251	-222.44	-21.05	-20.50	-9.52	-3.79
-15.0C	10.412	-235.26	-10.31	-23.01	-9.31	-4.66
-16.0C	10.459	-247.83	1.05	-23.67	-8.94	-5.43
-17.0D	10.393	-260.42	11.79	-22.66	-8.41	-6.10
-18.0D	10.224	-273.30	20.75	-20.08	-7.73	-6.70
-19.0D	9.977	-286.71	27.05	-16.02	-6.88	-7.23
-20.0	9.680	-300.86	30.68	-10.49	-5.87	-7.70
-21.0	9.356	-315.93	32.48	-3.43	-4.70	-8.09
-22.0	9.020	-332.11	32.91	5.27	-3.37	-8.37
-23.0E	8.694	-349.55	30.12	15.13	-1.87	-8.49
-24.0E	8.428	-368.27	20.41	24.05	-0.23	-8.42
-25.0F	8.303	-387.91	3.12	28.44	1.46	-8.17
-26.0F	8.373	-407.68	-16.66	25.80	3.14	-7.76
-27.0F	8.629	-426.68	-32.27	17.13	4.71	-7.23
-28.0E	9.005	-444.30	-39.80	5.96	6.12	-6.61
-29.0E	9.414	-460.43	-38.99	-4.32	7.32	-5.92
-30.0E	9.782	-475.28	-32.05	-12.05	8.29	-5.19

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-15.00	0.0	10.00
-1.0	9.968	-13.80	6.42	-14.51	-1.02	9.92
-2.0	9.866	-27.77	13.56	-12.53	-2.04	9.65
-3.0	9.689	-42.16	21.13	-8.70	-3.06	9.19
-4.0C	9.437	-57.22	27.90	-2.68	-4.07	8.51
-5.0C	9.131	-73.24	30.81	5.33	-5.07	7.60
-6.0D	8.833	-90.40	25.94	13.78	-6.02	6.47
-7.0D	8.630	-108.58	12.72	19.76	-6.91	5.17
-8.0D	8.587	-127.27	-4.55	20.67	-7.72	3.77
-9.0	8.719	-145.72	-20.67	16.03	-8.40	2.33
-10.0D	8.994	-163.30	-32.19	7.51	-8.95	0.91
-11.0D	9.356	-179.63	-37.52	-2.28	-9.35	-0.43
-12.0D	9.739	-194.67	-36.45	-11.10	-9.60	-1.65
-13.0D	10.083	-208.61	-29.99	-17.76	-9.70	-2.74
-14.0C	10.341	-221.72	-19.90	-22.01	-9.66	-3.70
-15.0C	10.484	-234.34	-7.98	-24.08	-9.45	-4.54
-16.0C	10.503	-246.76	4.25	-24.24	-9.08	-5.28
-17.0D	10.401	-259.30	15.38	-22.68	-8.54	-5.94
-18.0D	10.197	-272.21	24.07	-19.52	-7.83	-6.53
-19.0D	9.920	-285.74	29.42	-14.91	-6.96	-7.07
-20.0	9.605	-300.09	31.83	-8.92	-5.93	-7.56
-21.0	9.274	-315.42	32.74	-1.46	-4.74	-7.97
-22.0	8.938	-331.89	32.70	7.60	-3.37	-8.28
-23.0E	8.617	-349.66	29.17	17.68	-1.83	-8.42
-24.0E	8.369	-368.69	17.85	26.26	-0.17	-8.37
-25.0F	8.279	-388.55	-1.15	29.41	1.55	-8.13
-26.0F	8.396	-408.33	-21.43	25.05	3.23	-7.75
-27.0F	8.697	-427.13	-36.00	15.05	4.81	-7.25
-28.0E	9.101	-444.42	-41.44	3.48	6.20	-6.66
-29.0E	9.516	-460.22	-38.37	-6.43	7.38	-6.01
-30.0E	9.867	-474.79	-29.67	-13.43	8.32	-5.30

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-15.00	0.0	10.00
-1.0	9.969	-13.79	6.26	-14.54	-1.02	9.92
-2.0	9.869	-27.77	13.46	-12.59	-2.04	9.66
-3.0	9.691	-42.15	21.37	-8.72	-3.06	9.19
-4.0C	9.433	-57.21	28.72	-2.52	-4.07	8.51
-5.0C	9.117	-73.27	32.00	5.86	-5.06	7.58
-6.0D	8.809	-90.51	26.61	14.67	-6.01	6.44
-7.0D	8.605	-108.81	12.09	20.64	-6.91	5.13
-8.0D	8.575	-127.58	-6.44	21.05	-7.73	3.72
-9.0	8.731	-146.04	-23.29	15.58	-8.43	2.28
-10.0D	9.034	-163.51	-34.95	6.25	-8.99	0.88
-11.0D	9.422	-179.64	-39.79	-4.04	-9.41	-0.43
-12.0D	9.824	-194.43	-37.63	-12.96	-9.69	-1.62
-13.0C	10.172	-208.12	-29.77	-19.40	-9.81	-2.68
-14.0C	10.420	-221.01	-18.30	-23.26	-9.78	-3.61
-15.0C	10.541	-233.46	-5.26	-24.84	-9.57	-4.42
-16.0C	10.528	-245.80	7.72	-24.46	-9.19	-5.14
-17.0D	10.389	-258.33	19.06	-22.32	-8.63	-5.79
-18.0D	10.149	-271.32	27.17	-18.57	-7.89	-6.38
-19.0D	9.847	-285.03	31.28	-13.43	-7.00	-6.93
-20.0	9.520	-299.62	32.38	-7.02	-5.94	-7.44
-21.0	9.188	-315.23	32.52	0.77	-4.72	-7.88
-22.0	8.856	-332.02	32.08	10.12	-3.32	-8.21
-23.0E	8.545	-350.12	27.63	20.26	-1.75	-8.36
-24.0E	8.321	-369.45	14.54	28.18	-0.06	-8.32
-25.0F	8.273	-389.46	-5.89	29.80	1.68	-8.10
-26.0F	8.441	-409.16	-26.07	23.71	3.36	-7.74
-27.0F	8.781	-427.68	-38.98	12.68	4.92	-7.27
-28.0E	9.204	-444.63	-41.99	1.09	6.29	-6.72
-29.0E	9.612	-460.11	-36.72	-8.17	7.44	-6.09
-30.0E	9.938	-474.46	-26.55	-14.33	8.35	-5.39

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-10.00	0.0	10.00
-1.0	9.978	-14.08	4.32	-9.66	-1.07	9.92
-2.0	9.910	-28.29	9.01	-8.32	-2.14	9.68
-3.0	9.794	-42.76	13.79	-5.84	-3.19	9.26
-4.0	9.630	-57.67	18.02	-2.11	-4.23	8.65
-5.00	9.431	-73.18	20.51	2.79	-5.22	7.85
-6.00	9.222	-89.39	19.54	8.25	-6.16	6.86
-7.00	9.047	-106.32	13.90	13.06	-7.03	5.70
-8.00	8.952	-123.78	4.20	15.66	-7.79	4.41
-9.00	8.967	-141.38	-7.17	15.00	-8.44	3.04
-10.00	9.095	-158.69	-17.38	11.16	-8.94	1.64
-11.00	9.312	-175.33	-24.40	5.21	-9.31	0.27
-12.00	9.580	-191.10	-27.32	-1.39	-9.52	-1.03
-13.00	9.857	-205.98	-26.20	-7.45	-9.60	-2.24
-14.00	10.104	-220.07	-21.77	-12.25	-9.53	-3.34
-15.00	10.294	-233.56	-15.03	-15.56	-9.34	-4.33
-16.00	10.407	-246.65	-7.02	-17.38	-9.01	-5.22
-17.00	10.436	-259.57	1.31	-17.84	-8.54	-6.00
-18.00	10.382	-272.51	9.09	-17.03	-7.94	-6.69
-19.00	10.255	-285.68	15.53	-15.06	-7.20	-7.30
-20.00	10.071	-299.26	20.08	-12.04	-6.33	-7.83
-21.0	9.851	-313.37	22.65	-8.08	-5.33	-8.29
-22.0	9.613	-328.15	23.62	-3.27	-4.20	-8.65
-23.0	9.372	-343.68	23.42	2.30	-2.94	-8.90
-24.0	9.139	-360.03	21.83	8.42	-1.56	-9.00
-25.0E	8.934	-377.19	17.76	14.43	-0.09	-8.93
-26.0E	8.788	-395.08	10.09	19.05	1.44	-8.67
-27.0E	8.739	-413.39	-0.81	20.74	2.96	-8.22
-28.0E	8.807	-431.67	-12.50	18.69	4.43	-7.61
-29.0E	8.986	-449.44	-21.95	13.45	5.78	-6.88
-30.0E	9.241	-466.37	-27.13	6.60	6.98	-6.06

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-10.00	0.0	10.00
-1.0	9.979	-14.08	4.16	-9.69	-1.07	9.92
-2.0	9.913	-28.28	8.90	-8.39	-2.14	9.68
-3.0	9.796	-42.75	13.96	-5.88	-3.19	9.26
-4.0	9.628	-57.66	18.70	-2.00	-4.22	8.65
-5.00	9.419	-73.19	21.71	3.21	-5.22	7.84
-6.00	9.198	-89.48	20.83	9.10	-6.16	6.83
-7.00	9.012	-106.54	14.48	14.24	-7.02	5.65
-8.00	8.918	-124.14	3.47	16.80	-7.79	4.34
-9.00	8.947	-141.86	-9.20	15.64	-8.44	2.96
-10.00	9.100	-159.20	-20.24	11.00	-8.96	1.56
-11.00	9.348	-175.77	-27.43	4.24	-9.35	0.20
-12.00	9.645	-191.37	-29.88	-2.94	-9.58	-1.08
-13.00	9.943	-206.01	-27.79	-9.24	-9.68	-2.27
-14.00	10.201	-219.84	-22.13	-14.00	-9.64	-3.34
-15.00	10.388	-233.08	-14.15	-17.06	-9.46	-4.29
-16.00	10.487	-245.95	-5.06	-18.53	-9.14	-5.15
-17.00	10.491	-258.71	4.07	-18.55	-8.67	-5.90
-18.00	10.407	-271.56	12.22	-17.26	-8.07	-6.57
-19.00	10.248	-284.72	18.47	-14.79	-7.32	-7.17
-20.00	10.037	-298.36	22.27	-11.33	-6.43	-7.71
-21.0	9.800	-312.60	23.78	-7.03	-5.41	-8.17
-22.0	9.556	-327.55	23.81	-2.00	-4.26	-8.55
-23.0	9.316	-343.27	23.05	3.69	-2.98	-8.83
-24.0	9.088	-359.81	21.26	9.87	-1.59	-8.95
-25.0E	8.889	-377.16	17.02	15.89	-0.09	-8.89
-26.0E	8.753	-395.22	8.94	20.34	1.45	-8.63
-27.0E	8.718	-413.67	-2.53	21.61	2.99	-8.19
-28.0E	8.807	-432.01	-14.56	18.95	4.47	-7.59
-29.0E	9.007	-449.76	-23.86	13.13	5.83	-6.86
-30.0E	9.278	-466.60	-28.39	5.94	7.03	-6.05

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-10.00	0.0	10.00
-1.0	9.980	-14.08	4.01	-9.73	-1.07	9.92
-2.0	9.915	-28.27	8.78	-8.46	-2.14	9.68
-3.0	9.799	-42.73	14.12	-5.92	-3.19	9.26
-4.0	9.627	-57.64	19.37	-1.90	-4.22	8.65
-5.00	9.408	-73.20	22.90	3.62	-5.21	7.83
-6.00	9.173	-89.56	22.08	9.94	-6.15	6.81
-7.00	8.978	-106.74	14.94	15.38	-7.01	5.61
-8.00	8.886	-124.49	2.57	17.85	-7.79	4.28
-9.00	8.931	-142.32	-11.36	16.13	-8.45	2.89
-10.00	9.111	-159.67	-23.12	10.67	-8.99	1.49
-11.00	9.388	-176.14	-30.33	3.15	-9.39	0.14
-12.00	9.712	-191.55	-32.14	-4.50	-9.65	-1.12
-13.00	10.028	-205.96	-28.93	-10.92	-9.77	-2.28
-14.00	10.291	-219.55	-21.96	-15.53	-9.74	-3.32
-15.00	10.470	-232.57	-12.73	-18.27	-9.57	-4.24
-16.00	10.549	-245.28	-2.61	-19.32	-9.25	-5.07
-17.00	10.524	-257.92	7.20	-18.85	-8.78	-5.80
-18.00	10.407	-270.75	15.50	-17.03	-8.16	-6.46
-19.00	10.216	-283.97	21.25	-14.05	-7.39	-7.05
-20.00	9.982	-297.73	23.98	-10.15	-6.48	-7.59
-21.0	9.734	-312.16	24.25	-5.57	-5.44	-8.07
-22.0	9.490	-327.32	23.33	-0.43	-4.27	-8.48
-23.0	9.258	-343.25	22.09	5.26	-2.97	-8.77
-24.0	9.041	-359.99	20.15	11.37	-1.55	-8.91
-25.0E	8.854	-377.52	15.77	17.21	-0.04	-8.85
-26.0E	8.732	-395.72	7.36	21.32	1.52	-8.60
-27.0E	8.715	-414.24	-4.41	22.06	3.07	-8.15
-28.0E	8.823	-432.58	-16.43	18.80	4.56	-7.56
-29.0E	9.040	-450.25	-25.22	12.56	5.91	-6.84
-30.0E	9.321	-466.97	-28.90	5.25	7.10	-6.03

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	-10.00	0.0	10.00
-1.0	9.981	-14.08	3.85	-9.76	-1.07	9.92
-2.0	9.918	-28.26	8.66	-8.52	-2.14	9.69
-3.0	9.801	-42.71	14.27	-5.97	-3.19	9.27
-4.0	9.625	-57.62	20.02	-1.80	-4.22	8.65
-5.00	9.397	-73.20	24.08	4.02	-5.21	7.82
-6.00	9.150	-89.64	23.29	10.76	-6.14	6.78
-7.00	8.946	-106.94	15.29	16.48	-7.01	5.56
-8.00	8.857	-124.83	1.52	18.80	-7.79	4.22
-9.00	8.920	-142.74	-13.62	16.48	-8.46	2.82
-10.00	9.126	-160.09	-25.98	10.20	-9.01	1.43
-11.00	9.433	-176.45	-33.08	1.97	-9.43	0.09
-12.00	9.781	-191.67	-34.09	-6.05	-9.71	-1.15
-13.00	10.111	-205.86	-29.63	-12.48	-9.85	-2.28
-14.00	10.374	-219.23	-21.29	-16.84	-9.84	-3.29
-15.00	10.540	-232.06	-10.84	-19.20	-9.67	-4.19
-16.00	10.594	-244.63	0.21	-19.78	-9.35	-4.98
-17.00	10.538	-257.22	10.53	-18.79	-8.86	-5.70
-18.00	10.386	-270.07	18.75	-16.42	-8.22	-6.35
-19.00	10.166	-283.40	23.68	-12.94	-7.42	-6.95
-20.00	9.913	-297.34	25.08	-8.67	-6.49	-7.50
-21.0	9.661	-311.99	24.04	-3.90	-5.42	-8.00
-22.0	9.424	-327.38	22.27	1.24	-4.23	-8.42
-23.0	9.205	-343.53	20.71	6.82	-2.91	-8.73
-24.0	9.002	-360.45	18.72	12.73	-1.47	-8.88
-25.0E	8.830	-378.13	14.29	18.29	0.06	-8.83
-26.0E	8.724	-396.42	5.73	21.99	1.63	-8.57
-27.0E	8.724	-414.97	-6.10	22.21	3.18	-8.12
-28.0E	8.848	-433.26	-17.84	18.49	4.66	-7.52
-29.0E	9.077	-450.84	-26.00	12.01	6.01	-6.81
-30.0E	9.362	-467.45	-28.84	4.75	7.19	-6.00

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	0.0	0.0	10.00
-1.0	10.004	-14.64	-0.63	-0.15	-1.17	9.93
-2.0	10.011	-29.27	-0.61	-0.29	-2.33	9.74
-3.0	10.014	-43.87	0.02	-0.31	-3.45	9.40
-4.0	10.008	-58.49	1.17	-0.09	-4.52	8.93
-5.0	9.989	-73.15	2.69	0.48	-5.53	8.32
-6.0	9.953	-87.90	4.31	1.43	-6.46	7.58
-7.0	9.902	-102.80	5.70	2.77	-7.29	6.70
-8.0C	9.839	-117.88	6.41	4.37	-8.02	5.70
-9.0C	9.774	-133.19	5.99	6.03	-8.63	4.59
-10.0C	9.721	-148.70	4.16	7.41	-9.11	3.39
-11.0C	9.694	-164.34	0.97	8.14	-9.46	2.13
-12.0D	9.704	-180.03	-3.11	7.94	-9.67	0.83
-13.0D	9.758	-195.61	-7.32	6.70	-9.75	-0.47
-14.0D	9.852	-210.95	-10.91	4.59	-9.70	-1.74
-15.0D	9.977	-225.95	-13.30	1.91	-9.53	-2.96
-16.0D	10.119	-240.54	-14.19	-0.96	-9.25	-4.11
-17.0D	10.262	-254.72	-13.57	-3.69	-8.87	-5.17
-18.0D	10.392	-268.52	-11.65	-6.02	-8.39	-6.13
-19.0D	10.497	-282.01	-8.76	-7.82	-7.84	-6.98
-20.0D	10.569	-295.27	-5.28	-9.03	-7.20	-7.74
-21.0D	10.604	-308.39	-1.61	-9.66	-6.49	-8.39
-22.0D	10.603	-321.47	1.88	-9.75	-5.71	-8.94
-23.0D	10.568	-334.58	4.87	-9.36	-4.86	-9.39
-24.0D	10.505	-347.81	7.15	-8.58	-3.94	-9.74
-25.0D	10.424	-361.20	8.67	-7.48	-2.97	-9.99
-26.0	10.330	-374.82	9.52	-6.15	-1.95	-10.15
-27.0	10.231	-388.67	9.89	-4.63	-0.88	-10.19
-28.0	10.129	-402.79	10.04	-2.93	0.23	-10.13
-29.0	10.025	-417.18	10.16	-1.03	1.36	-9.93
-30.0	9.921	-431.88	10.31	1.10	2.50	-9.60

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	0.0	0.0	10.00
-1.0	10.005	-14.64	-0.79	-0.18	-1.17	9.94
-2.0	10.013	-29.26	-0.78	-0.37	-2.33	9.74
-3.0	10.018	-43.85	-0.01	-0.40	-3.45	9.41
-4.0	10.011	-58.46	1.42	-0.13	-4.52	8.93
-5.0	9.987	-73.12	3.32	0.57	-5.52	8.32
-6.0	9.943	-87.89	5.38	1.76	-6.45	7.57
-7.0	9.878	-102.85	7.16	3.44	-7.28	6.68
-8.0C	9.800	-118.04	8.02	5.48	-8.00	5.65
-9.0C	9.720	-133.51	7.31	7.56	-8.61	4.52
-10.0C	9.657	-149.23	4.66	9.21	-9.08	3.28
-11.0C	9.630	-165.11	0.25	9.91	-9.42	1.99
-12.0D	9.655	-181.00	-5.13	9.33	-9.63	0.66
-13.0D	9.735	-196.71	-10.37	7.43	-9.71	-0.66
-14.0D	9.863	-212.09	-14.45	4.53	-9.67	-1.94
-15.0D	10.024	-227.01	-16.72	1.12	-9.51	-3.16
-16.0D	10.198	-241.43	-16.97	-2.29	-9.25	-4.29
-17.0D	10.365	-255.37	-15.35	-5.31	-8.89	-5.32
-18.0C	10.507	-268.90	-12.24	-7.69	-8.45	-6.25
-19.0C	10.612	-282.10	-8.16	-9.36	-7.91	-7.07
-20.0D	10.672	-295.11	-3.63	-10.29	-7.29	-7.79
-21.0D	10.686	-308.02	0.80	-10.55	-6.59	-8.41
-22.0D	10.658	-320.95	4.68	-10.21	-5.82	-8.93
-23.0D	10.594	-333.98	7.62	-9.41	-4.97	-9.36
-24.0D	10.506	-347.19	9.43	-8.26	-4.05	-9.69
-25.0D	10.405	-360.63	10.16	-6.90	-3.06	-9.94
-26.0	10.301	-374.32	10.09	-5.43	-2.03	-10.10
-27.0	10.200	-388.27	9.59	-3.92	-0.94	-10.16
-28.0	10.105	-402.47	9.07	-2.36	0.17	-10.10
-29.0	10.013	-416.93	8.81	-0.70	1.31	-9.93
-30.0	9.923	-431.65	8.90	1.15	2.46	-9.61

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	0.0	0.0	10.00
-1.0	10.006	-14.64	-0.95	-0.22	-1.17	9.94
-2.0	10.016	-29.25	-0.95	-0.45	-2.33	9.74
-3.0	10.022	-43.84	-0.04	-0.49	-3.44	9.41
-4.0	10.014	-58.43	1.65	-0.18	-4.51	8.94
-5.0	9.986	-73.08	3.93	0.64	-5.52	8.32
-6.0	9.933	-87.88	6.44	2.07	-6.44	7.56
-7.0	9.856	-102.89	8.61	4.11	-7.27	6.66
-8.0C	9.761	-118.20	9.61	6.58	-7.99	5.61
-9.0C	9.666	-133.83	8.53	9.07	-8.58	4.44
-10.0C	9.595	-149.76	4.91	10.94	-9.05	3.18
-11.0D	9.573	-165.86	-0.86	11.52	-9.39	1.85
-12.0D	9.616	-181.92	-7.55	10.43	-9.60	0.50
-13.0D	9.726	-197.72	-13.66	7.78	-9.69	-0.83
-14.0D	9.889	-213.08	-17.95	4.09	-9.66	-2.11
-15.0D	10.084	-227.88	-19.79	0.04	-9.52	-3.32
-16.0C	10.285	-242.09	-19.11	-3.74	-9.28	-4.43
-17.0C	10.468	-255.79	-16.27	-6.85	-8.94	-5.44
-18.0C	10.613	-269.06	-11.87	-9.11	-8.51	-6.34
-19.0C	10.708	-282.03	-6.62	-10.49	-7.99	-7.13
-20.0C	10.748	-294.84	-1.18	-11.02	-7.38	-7.81
-21.0D	10.733	-307.63	3.79	-10.82	-6.68	-8.40
-22.0D	10.674	-320.51	7.72	-10.02	-5.90	-8.90
-23.0D	10.581	-333.56	10.20	-8.79	-5.03	-9.31
-24.0D	10.470	-346.86	11.12	-7.33	-4.09	-9.64
-25.0D	10.358	-360.43	10.73	-5.81	-3.09	-9.89
-26.0	10.254	-374.26	9.54	-4.37	-2.03	-10.05
-27.0	10.163	-388.33	8.14	-3.06	-0.93	-10.12
-28.0	10.086	-402.62	7.01	-1.85	0.20	-10.08
-29.0	10.018	-417.11	6.46	-0.65	1.34	-9.93
-30.0	9.952	-431.79	6.60	0.70	2.49	-9.64

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	0.0	0.0	10.00
-1.0	10.007	-14.64	-1.11	-0.26	-1.17	9.94
-2.0	10.019	-29.24	-1.12	-0.53	-2.33	9.75
-3.0	10.026	-43.82	-0.10	-0.59	-3.44	9.42
-4.0	10.018	-58.40	1.85	-0.24	-4.51	8.95
-5.0	9.986	-73.05	4.52	0.70	-5.51	8.33
-6.0	9.924	-87.86	7.50	2.37	-6.43	7.56
-7.0C	9.834	-102.93	10.07	4.76	-7.26	6.64
-8.0C	9.723	-118.34	11.17	7.67	-7.97	5.57
-9.0C	9.614	-134.14	9.62	10.56	-8.56	4.37
-10.0C	9.537	-150.27	4.88	12.58	-9.03	3.08
-11.0D	9.523	-166.57	-2.34	12.93	-9.37	1.73
-12.0D	9.588	-182.78	-10.28	11.24	-9.58	0.36
-13.0D	9.729	-198.63	-17.06	7.79	-9.68	-0.98
-14.0D	9.928	-213.93	-21.29	3.35	-9.67	-2.26
-15.0D	10.154	-228.57	-22.40	-1.20	-9.55	-3.46
-16.0C	10.376	-242.57	-20.55	-5.19	-9.33	-4.55
-17.0C	10.566	-256.02	-16.36	-8.23	-9.01	-5.53
-18.0C	10.706	-269.06	-10.68	-10.23	-8.59	-6.39
-19.0C	10.783	-281.85	-4.34	-11.22	-8.07	-7.15
-20.0C	10.795	-294.54	1.82	-11.29	-7.45	-7.81
-21.0D	10.749	-307.28	7.04	-10.58	-6.74	-8.37
-22.0D	10.657	-320.18	10.64	-9.31	-5.94	-8.85
-23.0D	10.538	-333.34	12.25	-7.70	-5.05	-9.25
-24.0D	10.413	-346.79	11.92	-6.03	-4.08	-9.58
-25.0	10.299	-360.53	10.22	-4.51	-3.05	-9.84
-26.0	10.206	-374.52	7.92	-3.28	-1.97	-10.01
-27.0	10.136	-388.71	5.71	-2.38	-0.86	-10.10
-28.0	10.087	-403.05	4.11	-1.72	0.27	-10.08
-29.0	10.049	-417.50	3.39	-1.15	1.41	-9.95
-30.0	10.014	-432.04	3.64	-0.47	2.55	-9.69

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	5.00	0.0	10.00
-1.0	10.017	-14.92	-3.17	4.58	-1.22	9.94
-2.0	10.062	-29.75	-5.50	3.65	-2.42	9.77
-3.0	10.126	-44.41	-6.91	2.40	-3.58	9.47
-4.0	10.200	-58.88	-7.37	1.03	-4.67	9.07
-5.0	10.274	-73.13	-6.93	-0.28	-5.68	8.56
-6.0	10.339	-87.20	-5.68	-1.36	-6.61	7.95
-7.0	10.388	-101.12	-3.73	-2.10	-7.44	7.25
-8.0	10.414	-114.95	-1.25	-2.40	-8.17	6.46
-9.0	10.412	-128.75	1.61	-2.19	-8.79	5.59
-10.0	10.380	-142.60	4.59	-1.41	-9.29	4.63
-11.0	10.319	-156.60	7.34	-0.05	-9.67	3.60
-12.0C	10.232	-170.82	9.39	1.80	-9.92	2.49
-13.0C	10.131	-185.31	10.15	3.98	-10.04	1.33
-14.0C	10.031	-200.12	9.10	6.15	-10.03	0.11
-15.0C	9.952	-215.20	6.07	7.87	-9.89	-1.13
-16.0D	9.913	-230.47	1.40	8.67	-9.62	-2.38
-17.0D	9.926	-245.78	-4.10	8.28	-9.25	-3.61
-18.0D	9.996	-260.95	-9.44	6.66	-8.78	-4.78
-19.0D	10.116	-275.82	-13.76	4.08	-8.23	-5.88
-20.0D	10.272	-290.28	-16.52	0.94	-7.62	-6.88
-21.0D	10.447	-304.27	-17.47	-2.32	-6.97	-7.78
-22.0D	10.623	-317.79	-16.68	-5.33	-6.28	-8.57
-23.0D	10.783	-330.88	-14.39	-7.87	-5.56	-9.24
-24.0D	10.914	-343.61	-10.97	-9.81	-4.83	-9.79
-25.0D	11.005	-356.08	-6.83	-11.13	-4.07	-10.23
-26.0D	11.052	-368.39	-2.38	-11.83	-3.28	-10.55
-27.0D	11.054	-380.64	1.98	-11.94	-2.48	-10.77
-28.0D	11.013	-392.93	5.91	-11.54	-1.64	-10.89
-29.0D	10.936	-405.35	9.15	-10.67	-0.77	-10.91
-30.0D	10.829	-417.97	11.54	-9.39	0.12	-10.83

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	5.00	0.0	10.00
-1.0	10.018	-14.92	-3.33	4.55	-1.22	9.94
-2.0	10.065	-29.74	-5.70	3.57	-2.42	9.77
-3.0	10.131	-44.39	-7.04	2.29	-3.57	9.48
-4.0	10.205	-58.84	-7.37	0.91	-4.66	9.08
-5.0	10.278	-73.08	-6.75	-0.36	-5.68	8.57
-6.0	10.341	-87.14	-5.29	-1.37	-6.60	7.96
-7.0	10.384	-101.07	-3.10	-1.99	-7.43	7.25
-8.0	10.402	-114.91	-0.33	-2.11	-8.16	6.46
-9.0	10.389	-128.77	2.83	-1.65	-8.77	5.57
-10.0	10.344	-142.71	6.08	-0.55	-9.27	4.60
-11.0C	10.266	-156.84	8.99	1.19	-9.64	3.54
-12.0C	10.163	-171.25	10.88	3.46	-9.88	2.40
-13.0C	10.050	-185.98	10.99	5.99	-9.98	1.20
-14.0C	9.947	-201.06	8.74	8.28	-9.95	-0.05
-15.0D	9.879	-216.41	4.17	9.76	-9.79	-1.33
-16.0D	9.867	-231.88	-1.97	9.93	-9.52	-2.61
-17.0D	9.921	-247.29	-8.47	8.60	-9.14	-3.85
-18.0D	10.037	-262.42	-14.10	5.98	-8.69	-5.02
-19.0D	10.203	-277.11	-18.01	2.53	-8.17	-6.11
-20.0D	10.398	-291.28	-19.77	-1.19	-7.60	-7.10
-21.0D	10.600	-304.91	-19.34	-4.68	-6.98	-7.97
-22.0D	10.787	-318.03	-17.00	-7.62	-6.34	-8.73
-23.0D	10.943	-330.74	-13.19	-9.87	-5.67	-9.36
-24.0C	11.054	-343.14	-8.45	-11.38	-4.97	-9.87
-25.0D	11.114	-355.35	-3.29	-12.16	-4.24	-10.27
-26.0D	11.122	-367.49	1.77	-12.29	-3.47	-10.57
-27.0D	11.080	-379.66	6.27	-11.83	-2.67	-10.75
-28.0D	10.997	-391.96	9.82	-10.89	-1.82	-10.84
-29.0D	10.883	-404.48	12.21	-9.55	-0.93	-10.84
-30.0D	10.751	-417.27	13.42	-7.93	-0.01	-10.75

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	5.00	0.0	10.00
-1.0	10.019	-14.92	-3.49	4.51	-1.22	9.94
-2.0	10.068	-29.73	-5.89	3.49	-2.42	9.77
-3.0	10.135	-44.37	-7.18	2.17	-3.57	9.48
-4.0	10.211	-58.80	-7.39	0.79	-4.66	9.08
-5.0	10.283	-73.03	-6.61	-0.46	-5.67	8.58
-6.0	10.343	-87.08	-4.94	-1.40	-6.60	7.97
-7.0	10.382	-101.00	-2.50	-1.91	-7.42	7.26
-8.0	10.392	-114.87	0.57	-1.86	-8.14	6.46
-9.0	10.369	-128.77	4.06	-1.15	-8.75	5.56
-10.0	10.309	-142.80	7.62	0.28	-9.24	4.57
-11.0C	10.214	-157.06	10.67	2.43	-9.60	3.49
-12.0C	10.095	-171.66	12.32	5.13	-9.83	2.32
-13.0C	9.971	-186.63	11.59	7.97	-9.91	1.08
-14.0C	9.868	-201.97	7.92	10.29	-9.87	-0.21
-15.0D	9.818	-217.56	1.69	11.37	-9.70	-1.52
-16.0D	9.838	-233.20	-5.81	10.75	-9.43	-2.82
-17.0D	9.935	-248.63	-12.99	8.42	-9.07	-4.07
-18.0D	10.098	-263.65	-18.53	4.84	-8.63	-5.24
-19.0D	10.306	-278.12	-21.63	0.71	-8.14	-6.32
-20.0D	10.532	-291.97	-22.05	-3.33	-7.61	-7.28
-21.0D	10.749	-305.24	-20.02	-6.80	-7.03	-8.13
-22.0C	10.934	-318.02	-16.05	-9.46	-6.43	-8.85
-23.0C	11.073	-330.43	-10.80	-11.27	-5.79	-9.44
-24.0C	11.153	-342.59	-4.93	-12.23	-5.11	-9.91
-25.0C	11.173	-354.65	0.94	-12.43	-4.39	-10.28
-26.0D	11.136	-366.73	6.21	-11.96	-3.61	-10.53
-27.0D	11.050	-378.95	10.34	-10.94	-2.79	-10.69
-28.0D	10.930	-391.39	12.95	-9.51	-1.92	-10.76
-29.0D	10.791	-404.12	13.98	-7.83	-0.99	-10.75
-30.0	10.648	-417.17	13.69	-6.04	-0.03	-10.65

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	5.00	0.0	10.00
-1.0	10.020	-14.92	-3.65	4.47	-1.22	9.94
-2.0	10.071	-29.72	-6.09	3.40	-2.42	9.78
-3.0	10.140	-44.35	-7.34	2.05	-3.57	9.49
-4.0	10.217	-58.76	-7.44	0.66	-4.66	9.09
-5.0	10.289	-72.97	-6.51	-0.57	-5.67	8.59
-6.0	10.347	-87.01	-4.64	-1.46	-6.59	7.98
-7.0	10.381	-100.93	-1.95	-1.87	-7.41	7.27
-8.0	10.384	-114.81	1.44	-1.65	-8.13	6.46
-9.0	10.350	-128.75	5.29	-0.69	-8.73	5.55
-10.0	10.276	-142.86	9.19	1.08	-9.22	4.54
-11.0C	10.164	-157.25	12.38	3.66	-9.57	3.44
-12.0C	10.029	-172.03	13.68	6.79	-9.78	2.24
-13.0C	9.895	-187.24	11.92	9.89	-9.85	0.96
-14.0D	9.797	-202.84	6.65	12.12	-9.79	-0.36
-15.0D	9.768	-218.64	-1.24	12.66	-9.62	-1.69
-16.0D	9.825	-234.38	-9.91	11.14	-9.35	-3.01
-17.0D	9.967	-249.79	-17.46	7.81	-9.01	-4.26
-18.0D	10.174	-264.66	-22.53	3.41	-8.60	-5.43
-19.0D	10.417	-278.86	-24.48	-1.20	-8.15	-6.49
-20.0C	10.664	-292.40	-23.32	-5.32	-7.65	-7.43
-21.0C	10.885	-305.35	-19.59	-8.57	-7.11	-8.24
-22.0C	11.059	-317.84	-14.06	-10.82	-6.53	-8.92
-23.0C	11.170	-330.01	-7.55	-12.10	-5.91	-9.48
-24.0C	11.212	-342.03	-0.82	-12.48	-5.23	-9.92
-25.0C	11.188	-354.04	5.41	-12.08	-4.50	-10.24
-26.0D	11.106	-366.17	10.43	-11.03	-3.71	-10.47
-27.0D	10.981	-378.52	13.67	-9.50	-2.85	-10.60
-28.0D	10.833	-391.18	14.85	-7.70	-1.94	-10.66
-29.0D	10.683	-404.18	14.20	-5.85	-0.97	-10.64
-30.0	10.547	-417.51	12.36	-4.13	0.03	-10.55

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	10.00	0.0	10.00
-1.0	10.030	-15.20	-5.75	9.30	-1.27	9.95
-2.0	10.114	-30.23	-10.45	7.55	-2.52	9.80
-3.0	10.240	-44.94	-13.86	5.08	-3.70	9.55
-4.0	10.393	-59.25	-15.92	2.23	-4.82	9.21
-5.0	10.561	-73.13	-16.69	-0.71	-5.84	8.80
-6.0	10.730	-86.56	-16.31	-3.50	-6.77	8.33
-7.0	10.891	-99.57	-14.95	-5.99	-7.59	7.81
-8.0	11.033	-112.23	-12.79	-8.10	-8.32	7.25
-9.0	11.150	-124.58	-9.95	-9.77	-8.95	6.65
-10.0	11.235	-136.70	-6.58	-10.98	-9.49	6.02
-11.0	11.283	-148.68	-2.77	-11.69	-9.93	5.36
-12.0	11.291	-160.58	1.41	-11.87	-10.29	4.65
-13.0	11.253	-172.52	5.91	-11.47	-10.55	3.91
-14.0	11.169	-184.58	10.69	-10.40	-10.73	3.11
-15.0	11.034	-196.89	15.64	-8.54	-10.80	2.25
-16.0	10.849	-209.56	20.50	-5.75	-10.77	1.32
-17.0C	10.617	-222.75	24.58	-1.92	-10.61	0.32
-18.0C	10.353	-236.58	26.62	2.85	-10.33	-0.76
-19.0C	10.085	-251.17	25.05	8.12	-9.90	-1.90
-20.0D	9.856	-266.50	18.99	12.93	-9.36	-3.09
-21.0D	9.710	-282.43	9.15	16.08	-8.70	-4.30
-22.0D	9.675	-298.65	-2.47	16.63	-7.96	-5.50
-23.0D	9.759	-314.77	-13.68	14.38	-7.16	-6.63
-24.0D	9.948	-330.42	-22.84	9.91	-6.32	-7.68
-25.0D	10.216	-345.35	-29.00	4.23	-5.48	-8.62
-26.0D	10.530	-359.44	-31.80	-1.61	-4.65	-9.44
-27.0D	10.855	-372.67	-31.35	-6.86	-3.87	-10.14
-28.0D	11.161	-385.15	-28.10	-11.13	-3.14	-10.71
-29.0C	11.423	-397.00	-22.71	-14.31	-2.45	-11.16
-30.0C	11.621	-408.38	-15.86	-16.45	-1.81	-11.48

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	10.00	0.0	10.00
-1.0	10.031	-15.20	-5.91	9.26	-1.27	9.95
-2.0	10.117	-30.22	-10.67	7.47	-2.52	9.80
-3.0	10.245	-44.92	-14.09	4.95	-3.70	9.55
-4.0	10.401	-59.21	-16.17	2.05	-4.81	9.22
-5.0	10.571	-73.06	-16.99	-0.94	-5.84	8.81
-6.0	10.744	-86.45	-16.71	-3.80	-6.76	8.35
-7.0	10.910	-99.43	-15.50	-6.38	-7.59	7.84
-8.0	11.059	-112.02	-13.50	-8.59	-8.31	7.29
-9.0	11.184	-124.30	-10.86	-10.40	-8.94	6.71
-10.0	11.279	-136.33	-7.67	-11.76	-9.48	6.11
-11.0	11.339	-148.18	-4.02	-12.66	-9.93	5.47
-12.0	11.360	-159.95	0.05	-13.06	-10.30	4.80
-13.0	11.337	-171.70	4.52	-12.89	-10.57	4.09
-14.0	11.266	-183.55	9.39	-12.09	-10.76	3.33
-15.0	11.143	-195.60	14.67	-10.50	-10.86	2.52
-16.0	10.965	-207.99	20.23	-7.94	-10.84	1.64
-17.0	10.730	-220.87	25.56	-4.23	-10.71	0.68
-18.0C	10.447	-234.41	29.37	0.73	-10.44	-0.37
-19.0C	10.142	-248.75	29.57	6.62	-10.03	-1.49
-20.0D	9.861	-263.97	24.39	12.48	-9.49	-2.68
-21.0D	9.661	-279.95	14.07	16.86	-8.84	-3.90
-22.0D	9.583	-296.39	0.93	18.40	-8.09	-5.13
-23.0	9.642	-312.84	-12.25	16.61	-7.29	-6.31
-24.0	9.826	-328.85	-23.39	11.97	-6.45	-7.42
-25.0D	10.109	-344.10	-31.25	5.67	-5.60	-8.41
-26.0D	10.452	-358.40	-35.30	-1.01	-4.79	-9.29
-27.0D	10.817	-371.74	-35.47	-7.05	-4.02	-10.04
-28.0D	11.166	-384.21	-32.18	-11.93	-3.32	-10.66
-29.0C	11.466	-395.97	-26.19	-15.51	-2.66	-11.15
-30.0C	11.696	-407.20	-18.40	-17.88	-2.05	-11.51

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	10.00	0.0	10.00
-1.0	10.032	-15.20	-6.08	9.22	-1.27	9.95
-2.0	10.120	-30.21	-10.89	7.38	-2.51	9.80
-3.0	10.250	-44.89	-14.33	4.81	-3.70	9.56
-4.0	10.409	-59.17	-16.44	1.86	-4.81	9.23
-5.0	10.582	-72.98	-17.33	-1.19	-5.83	8.83
-6.0	10.760	-86.34	-17.18	-4.12	-6.75	8.38
-7.0	10.931	-99.27	-16.14	-6.80	-7.58	7.88
-8.0	11.087	-111.80	-14.35	-9.15	-8.31	7.34
-9.0	11.222	-124.00	-11.94	-11.11	-8.94	6.78
-10.0	11.329	-135.92	-8.99	-12.66	-9.48	6.20
-11.0	11.404	-147.64	-5.56	-13.77	-9.94	5.59
-12.0	11.442	-159.23	-1.69	-14.43	-10.31	4.96
-13.0	11.437	-170.77	2.60	-14.57	-10.60	4.30
-14.0	11.387	-182.37	7.37	-14.12	-10.81	3.59
-15.0	11.285	-194.11	12.68	-12.95	-10.92	2.83
-16.0	11.125	-206.13	18.60	-10.87	-10.94	2.02
-17.0	10.903	-218.57	24.93	-7.61	-10.85	1.12
-18.0C	10.617	-231.63	30.76	-2.90	-10.62	0.14
-19.0C	10.283	-245.51	33.93	3.24	-10.24	-0.93
-20.0D	9.942	-260.36	31.50	10.15	-9.72	-2.09
-21.0D	9.662	-276.17	22.25	16.26	-9.08	-3.31
-22.0D	9.503	-292.71	8.26	19.76	-8.34	-4.56
-23.0	9.497	-309.51	-6.97	19.49	-7.53	-5.79
-24.0	9.641	-326.05	-20.67	15.54	-6.67	-6.96
-25.0	9.909	-341.86	-31.19	9.03	-5.81	-8.03
-26.0D	10.265	-356.67	-37.69	1.51	-4.98	-8.98
-27.0D	10.665	-370.41	-39.78	-5.64	-4.20	-9.80
-28.0D	11.064	-383.13	-37.57	-11.55	-3.49	-10.50
-29.0C	11.421	-395.00	-31.76	-15.94	-2.84	-11.06
-30.0C	11.705	-406.21	-23.46	-18.88	-2.25	-11.49

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	10.00	0.0	10.00
-1.0	10.033	-15.20	-6.24	9.18	-1.27	9.95
-2.0	10.123	-30.20	-11.12	7.29	-2.51	9.81
-3.0	10.256	-44.87	-14.59	4.67	-3.70	9.57
-4.0	10.417	-59.12	-16.74	1.66	-4.81	9.24
-5.0	10.594	-72.91	-17.72	-1.46	-5.83	8.85
-6.0	10.776	-86.23	-17.72	-4.48	-6.75	8.40
-7.0	10.954	-99.10	-16.88	-7.27	-7.57	7.92
-8.0	11.119	-111.56	-15.35	-9.76	-8.30	7.40
-9.0	11.266	-123.67	-13.21	-11.90	-8.93	6.86
-10.0	11.387	-135.47	-10.55	-13.66	-9.48	6.31
-11.0	11.480	-147.03	-7.41	-15.03	-9.94	5.74
-12.0	11.537	-158.43	-3.84	-15.98	-10.33	5.15
-13.0	11.557	-169.73	0.16	-16.48	-10.63	4.53
-14.0	11.533	-181.03	4.63	-16.47	-10.86	3.89
-15.0	11.460	-192.41	9.65	-15.84	-11.00	3.21
-16.0	11.333	-203.98	15.40	-14.43	-11.06	2.47
-17.0	11.142	-215.88	22.02	-11.99	-11.02	1.67
-18.0	10.880	-228.29	29.28	-8.14	-10.85	0.78
-19.0C	10.545	-241.42	35.85	-2.54	-10.54	-0.21
-20.0C	10.160	-255.51	38.55	4.73	-10.08	-1.29
-21.0D	9.783	-270.73	33.69	12.64	-9.47	-2.47
-22.0D	9.498	-287.02	21.08	19.08	-8.74	-3.71
-23.0	9.365	-304.02	4.50	22.01	-7.94	-4.97
-24.0	9.405	-321.16	-12.04	20.51	-7.06	-6.21
-25.0	9.603	-337.84	-26.09	15.12	-6.16	-7.36
-26.0	9.926	-353.61	-36.43	7.33	-5.27	-8.41
-27.0D	10.333	-368.22	-42.40	-1.08	-4.43	-9.34
-28.0D	10.777	-381.65	-43.55	-8.68	-3.66	-10.14
-29.0D	11.208	-394.00	-39.93	-14.66	-2.98	-10.81
-30.0C	11.581	-405.49	-32.43	-18.87	-2.37	-11.33

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	15.00	0.0	10.00
-1.0	10.044	-15.48	-8.38	13.99	-1.32	9.96
-2.0	10.167	-30.70	-15.44	11.41	-2.61	9.83
-3.0	10.354	-45.46	-20.82	7.74	-3.83	9.62
-4.0	10.587	-59.62	-24.43	3.52	-4.97	9.35
-5.0	10.848	-73.13	-26.36	-0.80	-6.00	9.04
-6.0	11.121	-85.97	-26.80	-4.90	-6.92	8.70
-7.0	11.391	-98.19	-25.92	-8.59	-7.74	8.36
-8.0	11.647	-109.85	-23.86	-11.78	-8.46	8.01
-9.0B	11.876	-121.02	-20.74	-14.44	-9.07	7.66
-10.0B	12.068	-131.78	-16.70	-16.57	-9.60	7.32
-11.0B	12.215	-142.24	-11.94	-18.17	-10.03	6.97
-12.0B	12.311	-152.48	-6.66	-19.24	-10.39	6.61
-13.0B	12.350	-162.59	-1.12	-19.79	-10.67	6.22
-14.0B	12.333	-172.68	4.44	-19.82	-10.88	5.80
-15.0B	12.260	-182.84	9.83	-19.36	-11.04	5.34
-16.0B	12.133	-193.15	14.89	-18.40	-11.13	4.82
-17.0	11.957	-203.71	19.59	-16.93	-11.18	4.24
-18.0	11.734	-214.63	24.05	-14.86	-11.17	3.58
-19.0	11.465	-226.00	28.46	-12.02	-11.11	2.83
-20.0	11.151	-237.96	32.94	-8.13	-10.97	1.98
-21.0	10.792	-250.68	37.06	-2.89	-10.74	1.02
-22.0C	10.400	-264.33	39.20	3.87	-10.40	-0.05
-23.0C	10.007	-279.07	36.65	11.69	-9.93	-1.24
-24.0D	9.673	-294.95	27.48	19.14	-9.34	-2.52
-25.0D	9.464	-311.74	12.76	24.13	-8.65	-3.85
-26.0	9.420	-328.97	-4.24	25.00	-7.87	-5.17
-27.0	9.547	-346.03	-20.19	21.44	-7.04	-6.44
-28.0	9.821	-362.37	-32.77	14.61	-6.20	-7.62
-29.0D	10.202	-377.63	-40.81	6.36	-5.37	-8.67
-30.0D	10.639	-391.69	-44.01	-1.62	-4.60	-9.59

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	15.00	0.0	10.00
-1.0	10.045	-15.48	-8.54	13.95	-1.32	9.96
-2.0	10.170	-30.69	-15.69	11.32	-2.61	9.83
-3.0	10.360	-45.43	-21.15	7.58	-3.83	9.63
-4.0	10.597	-59.57	-24.90	3.28	-4.96	9.36
-5.0	10.864	-73.04	-27.08	-1.15	-5.99	9.06
-6.0	11.146	-85.83	-27.83	-5.40	-6.92	8.74
-7.0	11.429	-97.98	-27.29	-9.26	-7.74	8.41
-8.0B	11.700	-109.53	-25.50	-12.63	-8.45	8.09
-9.0B	11.946	-120.57	-22.53	-15.48	-9.07	7.78
-10.0B	12.157	-131.17	-18.47	-17.78	-9.59	7.47
-11.0B	12.321	-141.45	-13.52	-19.52	-10.02	7.17
-12.0B	12.431	-151.48	-7.92	-20.72	-10.37	6.85
-13.0B	12.482	-161.38	-1.96	-21.35	-10.65	6.51
-14.0B	12.471	-171.23	4.03	-21.45	-10.85	6.14
-15.0B	12.400	-181.14	9.77	-21.03	-11.00	5.73
-16.0B	12.273	-191.20	15.05	-20.13	-11.09	5.26
-17.0	12.094	-201.50	19.80	-18.75	-11.13	4.72
-18.0	11.869	-212.14	24.13	-16.84	-11.14	4.11
-19.0	11.601	-223.22	28.38	-14.25	-11.09	3.41
-20.0	11.288	-234.86	32.92	-10.69	-10.98	2.61
-21.0	10.926	-247.22	37.77	-5.76	-10.79	1.69
-22.0C	10.518	-260.50	41.69	0.92	-10.50	0.65
-23.0C	10.087	-274.91	41.59	9.22	-10.07	-0.52
-24.0D	9.693	-290.58	34.07	17.89	-9.52	-1.80
-25.0D	9.416	-307.37	19.19	24.57	-8.87	-3.16
-26.0	9.313	-324.84	0.62	26.97	-8.13	-4.54
-27.0	9.402	-342.31	-17.53	24.26	-7.33	-5.88
-28.0	9.661	-359.13	-32.43	17.39	-6.51	-7.14
-29.0D	10.049	-374.82	-42.58	8.42	-5.70	-8.27
-30.0D	10.513	-389.21	-47.36	-0.57	-4.95	-9.27

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	15.00	0.0	10.00
-1.0	10.046	-15.48	-8.71	13.92	-1.32	9.96
-2.0	10.173	-30.68	-15.94	11.22	-2.61	9.83
-3.0	10.366	-45.41	-21.49	7.42	-3.83	9.63
-4.0	10.607	-59.52	-25.41	3.03	-4.96	9.38
-5.0	10.881	-72.95	-27.85	-1.52	-5.99	9.08
-6.0	11.172	-85.69	-28.94	-5.92	-6.91	8.78
-7.0	11.468	-97.75	-28.73	-9.96	-7.73	8.47
-8.0B	11.755	-109.20	-27.19	-13.51	-8.44	8.18
-9.0B	12.020	-120.10	-24.30	-16.53	-9.06	7.90
-10.0B	12.248	-130.55	-20.11	-18.97	-9.58	7.63
-11.0B	12.427	-140.64	-14.81	-20.83	-10.01	7.37
-12.0B	12.548	-150.48	-8.71	-22.09	-10.35	7.10
-13.0B	12.604	-160.17	-2.18	-22.74	-10.61	6.80
-14.0B	12.592	-169.83	4.38	-22.81	-10.80	6.47
-15.0B	12.516	-179.54	10.59	-22.33	-10.93	6.09
-16.0B	12.378	-189.41	16.14	-21.37	-11.01	5.65
-17.0B	12.188	-199.53	20.92	-19.96	-11.05	5.14
-18.0	11.953	-210.00	25.04	-18.07	-11.05	4.55
-19.0	11.677	-220.90	28.94	-15.56	-11.01	3.88
-20.0	11.359	-232.37	33.24	-12.15	-10.93	3.10
-21.0	10.994	-244.54	38.29	-7.37	-10.77	2.21
-22.0	10.576	-257.63	43.20	-0.71	-10.51	1.18
-23.0C	10.122	-271.87	44.66	7.93	-10.12	0.01
-24.0D	9.691	-287.45	38.13	17.39	-9.61	-1.28
-25.0D	9.373	-304.29	22.79	25.09	-8.99	-2.67
-26.0	9.240	-321.94	2.85	28.31	-8.29	-4.09
-27.0	9.314	-339.68	-16.88	25.88	-7.53	-5.49
-28.0	9.574	-356.76	-33.28	18.73	-6.74	-6.80
-29.0D	9.977	-372.67	-44.68	9.09	-5.97	-8.00
-30.0D	10.468	-387.18	-50.25	-0.63	-5.25	-9.05

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	15.00	0.0	10.00
-1.0	10.047	-15.48	-8.87	13.88	-1.32	9.96
-2.0	10.176	-30.67	-16.19	11.13	-2.61	9.84
-3.0	10.372	-45.38	-21.85	7.26	-3.83	9.64
-4.0	10.618	-59.47	-25.95	2.77	-4.96	9.39
-5.0	10.898	-72.86	-28.66	-1.91	-5.98	9.11
-6.0	11.200	-85.54	-30.10	-6.46	-6.91	8.82
-7.0	11.509	-97.52	-30.23	-10.68	-7.72	8.53
-8.0B	11.813	-108.86	-28.92	-14.41	-8.44	8.27
-9.0B	12.096	-119.62	-26.02	-17.58	-9.05	8.03
-10.0B	12.340	-129.91	-21.56	-20.14	-9.56	7.80
-11.0B	12.532	-139.83	-15.75	-22.06	-9.98	7.57
-12.0B	12.659	-149.49	-8.99	-23.33	-10.31	7.34
-13.0B	12.714	-159.00	-1.73	-23.93	-10.56	7.08
-14.0B	12.695	-168.48	5.50	-23.89	-10.73	6.78
-15.0B	12.603	-178.04	12.22	-23.26	-10.85	6.42
-16.0B	12.448	-187.78	18.03	-22.14	-10.91	6.00
-17.0B	12.238	-197.79	22.76	-20.60	-10.93	5.50
-18.0	11.985	-208.18	26.56	-18.62	-10.93	4.91
-19.0	11.696	-219.03	30.02	-16.08	-10.90	4.24
-20.0	11.370	-230.45	33.97	-12.66	-10.83	3.47
-21.0	10.997	-242.58	39.05	-7.83	-10.69	2.57
-22.0	10.569	-255.65	44.49	-0.99	-10.46	1.54
-23.0C	10.098	-269.91	46.59	8.06	-10.09	0.36
-24.0D	9.647	-285.58	39.85	18.08	-9.60	-0.96
-25.0D	9.318	-302.58	23.28	26.16	-9.01	-2.38
-26.0	9.187	-320.41	1.92	29.31	-8.34	-3.84
-27.0	9.276	-338.29	-18.88	26.36	-7.63	-5.28
-28.0	9.561	-355.43	-35.96	18.46	-6.88	-6.63
-29.0D	9.993	-371.30	-47.68	8.11	-6.17	-7.86
-30.0D	10.514	-385.69	-52.99	-2.06	-5.51	-8.95

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	20.00	0.0	10.00
-1.0	10.058	-15.76	-11.05	18.67	-1.37	9.96
-2.0	10.220	-31.17	-20.49	15.23	-2.70	9.86
-3.0	10.469	-45.96	-27.79	10.37	-3.96	9.69
-4.0	10.781	-59.97	-32.84	4.90	-5.12	9.49
-5.0	11.134	-73.14	-35.75	-0.56	-6.16	9.28
-6.0B	11.505	-85.46	-36.61	-5.60	-7.08	9.07
-7.0B	11.876	-96.99	-35.48	-9.99	-7.89	8.88
-8.0B	12.225	-107.83	-32.43	-13.69	-8.58	8.71
-9.0B	12.533	-118.10	-27.62	-16.70	-9.15	8.56
-10.0A	12.785	-127.91	-21.40	-19.05	-9.62	8.42
-11.CA	12.967	-137.39	-14.15	-20.72	-9.99	8.27
-12.0A	13.072	-146.67	-6.30	-21.65	-10.26	8.09
-13.0A	13.095	-155.85	1.75	-21.80	-10.46	7.88
-14.0A	13.037	-165.07	9.62	-21.17	-10.59	7.60
-15.0B	12.901	-174.43	16.89	-19.87	-10.67	7.26
-16.0B	12.695	-184.04	23.16	-17.99	-10.70	6.83
-17.0B	12.431	-194.01	28.12	-15.66	-10.71	6.30
-18.0B	12.125	-204.44	31.67	-12.91	-10.71	5.68
-19.0	11.788	-215.44	34.04	-9.66	-10.70	4.96
-20.0	11.431	-227.09	35.71	-5.72	-10.66	4.12
-21.0	11.058	-239.51	37.05	-0.83	-10.60	3.16
-22.0	10.675	-252.81	37.62	5.21	-10.47	2.08
-23.0C	10.297	-267.11	35.70	12.26	-10.26	0.87
-24.0C	9.962	-282.47	28.90	19.38	-9.95	-0.45
-25.0D	9.726	-298.74	16.30	24.81	-9.55	-1.85
-26.0D	9.642	-315.56	-0.15	26.69	-9.07	-3.28
-27.0D	9.730	-332.36	-16.92	24.26	-8.53	-4.68
-28.0D	9.978	-348.57	-30.89	18.29	-7.96	-6.02
-29.0D	10.346	-363.79	-40.14	10.59	-7.39	-7.24
-30.0D	10.781	-377.86	-44.08	2.98	-6.85	-8.32

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	20.00	0.0	10.00
-1.0	10.058	-15.76	-11.22	18.63	-1.37	9.96
-2.0	10.224	-31.16	-20.76	15.13	-2.70	9.86
-3.0	10.476	-45.94	-28.21	10.19	-3.96	9.70
-4.0	10.793	-59.92	-33.53	4.61	-5.11	9.51
-5.0	11.155	-73.04	-36.79	-1.00	-6.15	9.30
-6.0B	11.539	-85.29	-38.00	-6.20	-7.08	9.11
-7.0B	11.925	-96.73	-37.06	-10.75	-7.88	8.95
-8.0B	12.289	-107.46	-33.92	-14.58	-8.56	8.81
-9.0B	12.611	-117.60	-28.75	-17.68	-9.13	8.70
-10.0A	12.872	-127.27	-21.94	-20.07	-9.59	8.59
-11.0A	13.056	-136.61	-13.99	-21.72	-9.94	8.46
-12.0A	13.156	-145.76	-5.41	-22.56	-10.20	8.31
-13.CA	13.166	-154.84	3.34	-22.53	-10.38	8.11
-14.0A	13.088	-163.97	11.77	-21.67	-10.48	7.84
-15.CA	12.928	-173.27	19.41	-20.10	-10.54	7.49
-16.0B	12.696	-182.86	25.77	-17.97	-10.56	7.05
-17.0B	12.407	-192.85	30.46	-15.42	-10.56	6.51
-18.0B	12.079	-203.35	33.43	-12.50	-10.56	5.86
-19.0	11.727	-214.44	35.12	-9.10	-10.55	5.12
-20.0	11.362	-226.22	36.31	-5.00	-10.54	4.26
-21.C	10.985	-238.78	37.51	0.12	-10.49	3.27
-22.0	10.597	-252.27	38.16	6.49	-10.37	2.16
-23.0C	10.213	-266.80	36.02	13.92	-10.17	0.92
-24.0C	9.880	-282.41	28.16	21.25	-9.87	-0.44
-25.0D	9.660	-298.94	13.87	26.39	-9.48	-1.87
-26.0D	9.608	-315.93	-4.09	27.41	-9.01	-3.33
-27.0D	9.742	-332.76	-21.61	23.78	-8.51	-4.75
-28.0D	10.038	-348.84	-35.42	16.76	-7.98	-6.09
-29.0D	10.447	-363.81	-43.69	8.47	-7.46	-7.31
-30.0C	10.911	-377.56	-46.09	0.79	-6.98	-8.39

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	20.00	0.0	10.00
-1.0	10.059	-15.75	-11.38	18.59	-1.37	9.97
-2.0	10.227	-31.15	-21.03	15.03	-2.70	9.86
-3.0	10.483	-45.91	-28.65	10.01	-3.96	9.71
-4.0	10.806	-59.87	-34.24	4.31	-5.11	9.52
-5.0	11.176	-72.94	-37.87	-1.45	-6.15	9.33
-6.0B	11.573	-85.12	-39.41	-6.82	-7.07	9.16
-7.0B	11.975	-96.47	-38.62	-11.52	-7.87	9.02
-8.0B	12.355	-107.08	-35.31	-15.45	-8.55	8.92
-9.0A	12.689	-117.09	-29.66	-18.61	-9.11	8.83
-10.0A	12.955	-126.63	-22.17	-21.02	-9.56	8.75
-11.0A	13.138	-135.85	-13.45	-22.61	-9.89	8.65
-12.0A	13.228	-144.89	-4.10	-23.31	-10.13	8.51
-13.0A	13.222	-153.88	5.32	-23.06	-10.28	8.31
-14.0A	13.121	-162.95	14.29	-21.92	-10.37	8.04
-15.0A	12.933	-172.22	22.23	-20.05	-10.41	7.68
-16.0B	12.672	-181.84	28.53	-17.65	-10.41	7.22
-17.0B	12.356	-191.89	32.76	-14.89	-10.41	6.65
-18.0B	12.008	-202.49	34.99	-11.79	-10.41	5.99
-19.0	11.645	-213.73	35.94	-8.23	-10.42	5.21
-20.0	11.274	-225.68	36.69	-3.93	-10.41	4.32
-21.0	10.893	-238.45	37.83	1.47	-10.38	3.31
-22.0	10.501	-252.18	38.50	8.23	-10.28	2.16
-23.0C	10.117	-266.98	35.77	16.01	-10.08	0.87
-24.0D	9.793	-282.89	26.30	23.35	-9.78	-0.52
-25.0D	9.603	-299.68	10.04	27.84	-9.40	-1.98
-26.0D	9.598	-316.79	-9.24	27.60	-8.95	-3.46
-27.0D	9.787	-333.56	-27.02	22.58	-8.48	-4.89
-28.0D	10.135	-349.40	-40.05	14.56	-8.00	-6.23
-29.0D	10.584	-364.02	-46.70	5.94	-7.53	-7.43
-30.0C	11.068	-377.39	-47.07	-1.52	-7.10	-8.49

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	20.00	0.0	10.00
-1.0	10.060	-15.75	-11.55	18.55	-1.37	9.97
-2.0	10.230	-31.14	-21.31	14.93	-2.70	9.87
-3.0	10.490	-45.88	-29.10	9.83	-3.96	9.72
-4.0	10.819	-59.81	-34.98	4.00	-5.11	9.54
-5.0	11.199	-72.83	-38.99	-1.92	-6.15	9.36
-6.0B	11.609	-84.94	-40.86	-7.44	-7.06	9.21
-7.0B	12.026	-96.20	-40.15	-12.28	-7.86	9.10
-8.0B	12.420	-106.70	-36.57	-16.30	-8.54	9.02
-9.CA	12.765	-116.59	-30.34	-19.51	-9.09	8.96
-10.0A	13.034	-126.01	-22.09	-21.90	-9.52	8.91
-11.0A	13.212	-135.11	-12.56	-23.40	-9.83	8.82
-12.0A	13.289	-144.06	-2.46	-23.92	-10.05	8.70
-13.0A	13.263	-152.97	7.62	-23.41	-10.18	8.50
-14.0A	13.135	-162.01	17.07	-21.96	-10.25	8.22
-15.CA	12.918	-171.29	25.20	-19.77	-10.27	7.84
-16.CB	12.627	-180.95	31.29	-17.11	-10.27	7.35
-17.CB	12.286	-191.11	34.88	-14.14	-10.26	6.76
-18.C	11.921	-201.85	36.24	-10.87	-10.27	6.06
-19.C	11.549	-213.27	36.45	-7.14	-10.29	5.25
-20.C	11.175	-225.42	36.87	-2.62	-10.30	4.33
-21.0	10.792	-238.43	38.08	3.11	-10.28	3.28
-22.0C	10.398	-252.43	38.68	10.29	-10.19	2.09
-23.CC	10.016	-267.55	34.92	18.37	-9.99	0.77
-24.0D	9.711	-283.77	23.39	25.48	-9.69	-0.66
-25.0D	9.561	-300.79	5.09	28.96	-9.32	-2.15
-26.0D	9.613	-317.95	-15.17	27.18	-8.90	-3.64
-27.0D	9.862	-334.56	-32.67	20.74	-8.46	-5.08
-28.CD	10.261	-350.08	-44.32	11.93	-8.02	-6.40
-29.CC	10.743	-364.29	-48.81	3.28	-7.61	-7.58
-30.CC	11.237	-377.26	-46.90	-3.71	-7.23	-8.60

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	25.00	0.0	10.00
-1.0	10.072	-16.03	-13.76	23.34	-1.42	9.97
-2.0	10.275	-31.63	-25.57	19.00	-2.80	9.89
-3.0	10.586	-46.46	-34.75	12.98	-4.09	9.76
-4.0	10.976	-60.32	-41.13	6.37	-5.27	9.63
-5.0B	11.417	-73.16	-44.74	-0.03	-6.32	9.51
-6.0B	11.882	-85.00	-45.55	-5.72	-7.24	9.42
-7.0B	12.339	-95.95	-43.54	-10.58	-8.03	9.37
-8.0A	12.763	-106.13	-38.98	-14.69	-8.68	9.36
-9.0A	13.130	-115.70	-32.38	-18.15	-9.20	9.36
-10.0A	13.421	-124.80	-24.36	-20.99	-9.60	9.37
-11.0A	13.625	-133.58	-15.47	-23.06	-9.89	9.37
-12.0A	13.736	-142.17	-6.12	-24.16	-10.08	9.33
-13.0A	13.750	-150.68	3.37	-24.13	-10.19	9.23
-14.0A	13.667	-159.25	12.68	-22.95	-10.24	9.06
-15.0A	13.492	-167.99	21.47	-20.78	-10.23	8.79
-16.0A	13.232	-177.03	29.27	-17.86	-10.20	8.42
-17.0A	12.899	-186.49	35.53	-14.45	-10.17	7.94
-18.0B	12.512	-196.50	39.66	-10.74	-10.14	7.33
-19.0B	12.096	-207.17	41.41	-6.72	-10.13	6.61
-20.0	11.672	-218.60	41.14	-2.26	-10.15	5.77
-21.0	11.258	-230.88	39.62	2.82	-10.18	4.80
-22.0	10.864	-244.06	37.29	8.67	-10.21	3.71
-23.0	10.501	-258.21	33.47	15.12	-10.20	2.49
-24.0C	10.191	-273.31	26.46	21.48	-10.12	1.16
-25.0C	9.975	-289.23	15.05	26.35	-9.97	-0.26
-26.0D	9.895	-305.65	0.12	28.20	-9.75	-1.71
-27.0D	9.975	-322.06	-15.56	26.28	-9.46	-3.16
-28.0D	10.205	-337.97	-28.95	21.18	-9.14	-4.55
-29.0C	10.552	-352.99	-38.03	14.45	-8.79	-5.84
-30.0C	10.967	-366.96	-42.30	7.63	-8.45	-7.00

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	25.00	0.0	10.00
-1.0	10.073	-16.03	-13.93	23.30	-1.42	9.97
-2.0	10.278	-31.62	-25.87	18.89	-2.80	9.89
-3.0	10.593	-46.43	-35.26	12.79	-4.09	9.77
-4.0	10.990	-60.26	-41.98	6.04	-5.26	9.65
-5.0B	11.442	-73.05	-45.98	-0.52	-6.31	9.54
-6.0B	11.920	-84.82	-46.99	-6.36	-7.23	9.48
-7.0B	12.393	-95.67	-44.86	-11.33	-8.01	9.45
-8.0A	12.828	-105.75	-39.82	-15.49	-8.66	9.46
-9.0A	13.200	-115.21	-32.54	-18.99	-9.17	9.49
-10.0A	13.489	-124.21	-23.79	-21.80	-9.56	9.52
-11.0A	13.683	-132.91	-14.20	-23.76	-9.83	9.52
-12.0A	13.778	-141.43	-4.22	-24.63	-10.00	9.48
-13.0A	13.770	-149.91	5.81	-24.28	-10.08	9.38
-14.0A	13.660	-158.48	15.58	-22.72	-10.11	9.19
-15.0A	13.453	-167.26	24.67	-20.16	-10.09	8.90
-16.0A	13.159	-176.38	32.54	-16.90	-10.05	8.49
-17.0B	12.795	-185.98	38.42	-13.22	-10.01	7.96
-18.0B	12.383	-196.18	41.65	-9.29	-9.99	7.31
-19.0B	11.952	-207.11	42.17	-5.08	-10.00	6.54
-20.0	11.527	-218.83	40.78	-0.44	-10.04	5.66
-21.0	11.121	-231.41	38.60	4.85	-10.10	4.65
-22.0	10.739	-244.92	35.98	10.90	-10.15	3.52
-23.0C	10.390	-259.40	31.74	17.48	-10.14	2.26
-24.0C	10.102	-274.82	23.77	23.68	-10.06	0.89
-25.0C	9.921	-290.99	11.01	27.91	-9.90	-0.56
-26.0D	9.888	-307.53	-4.93	28.64	-9.68	-2.03
-27.0D	10.021	-323.90	-20.73	25.48	-9.40	-3.48
-28.0D	10.301	-339.59	-33.25	19.48	-9.09	-4.85
-29.0C	10.684	-354.30	-40.77	12.40	-8.76	-6.11
-30.0C	11.117	-367.92	-43.26	5.73	-8.44	-7.24

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	25.00	0.0	10.00
-1.0	10.074	-16.03	-14.10	23.26	-1.42	9.97
-2.0	10.281	-31.61	-26.17	18.79	-2.80	9.89
-3.0	10.600	-46.40	-35.79	12.58	-4.09	9.78
-4.0	11.005	-60.20	-42.87	5.70	-5.26	9.67
-5.0B	11.468	-72.94	-47.23	-1.01	-6.31	9.58
-6.0B	11.960	-84.63	-48.42	-7.00	-7.23	9.53
-7.0B	12.446	-95.39	-46.09	-12.05	-8.00	9.53
-8.0A	12.892	-105.36	-40.50	-16.27	-8.64	9.57
-9.0A	13.267	-114.72	-32.50	-19.77	-9.14	9.62
-10.0A	13.551	-123.64	-23.01	-22.53	-9.50	9.66
-11.0A	13.735	-132.26	-12.75	-24.35	-9.75	9.67
-12.0	13.811	-140.73	-2.19	-24.97	-9.90	9.63
-13.0A	13.779	-149.19	8.35	-24.28	-9.97	9.51
-14.0A	13.641	-157.77	18.53	-22.34	-9.98	9.30
-15.0A	13.403	-166.60	27.88	-19.41	-9.95	8.98
-16.0A	13.076	-175.82	35.68	-15.82	-9.91	8.53
-17.0B	12.682	-185.58	40.99	-11.90	-9.87	7.96
-18.0B	12.249	-196.00	43.12	-7.78	-9.86	7.27
-19.0	11.810	-207.18	42.35	-3.42	-9.89	6.45
-20.0	11.388	-219.19	40.00	1.38	-9.96	5.52
-21.0	10.993	-232.09	37.42	6.86	-10.04	4.48
-22.0	10.623	-245.91	34.66	13.11	-10.10	3.30
-23.0C	10.290	-260.71	29.95	19.77	-10.09	2.00
-24.0C	10.026	-276.41	20.84	25.71	-10.01	0.60
-25.0D	9.881	-292.80	6.69	29.14	-9.84	-0.87
-26.0D	9.898	-309.41	-10.07	28.67	-9.62	-2.35
-27.0D	10.083	-325.67	-25.65	24.34	-9.34	-3.79
-28.0C	10.408	-341.12	-36.97	17.63	-9.05	-5.14
-29.0C	10.820	-355.50	-42.73	10.43	-8.74	-6.37
-30.0C	11.265	-368.79	-43.45	4.06	-8.44	-7.46

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	25.00	0.0	10.00
-1.0	10.074	-16.03	-14.27	23.22	-1.42	9.97
-2.0	10.285	-31.60	-26.48	18.68	-2.80	9.90
-3.0	10.608	-46.38	-36.33	12.38	-4.08	9.79
-4.0	11.020	-60.14	-43.78	5.35	-5.26	9.68
-5.0B	11.494	-72.82	-48.51	-1.52	-6.31	9.61
-6.0B	12.000	-84.44	-49.84	-7.63	-7.22	9.59
-7.0B	12.500	-95.11	-47.23	-12.77	-7.99	9.61
-8.0A	12.954	-104.98	-41.01	-17.02	-8.62	9.67
-9.0A	13.330	-114.25	-32.25	-20.51	-9.10	9.74
-10.0A	13.609	-123.08	-22.04	-23.20	-9.45	9.79
-11.0	13.779	-131.64	-11.15	-24.85	-9.68	9.81
-12.0	13.836	-140.07	-0.05	-25.20	-9.81	9.76
-13.0A	13.780	-148.52	10.95	-24.16	-9.86	9.63
-14.0A	13.613	-157.12	21.51	-21.83	-9.85	9.39
-15.0A	13.344	-166.01	31.05	-18.54	-9.82	9.04
-16.0A	12.985	-175.36	38.66	-14.66	-9.77	8.56
-17.0B	12.563	-185.29	43.18	-10.53	-9.74	7.94
-18.0B	12.114	-195.93	44.04	-6.26	-9.74	7.20
-19.0	11.673	-207.38	42.00	-1.77	-9.80	6.34
-20.0	11.259	-219.67	38.93	3.19	-9.89	5.38
-21.0	10.875	-232.86	36.20	8.85	-9.99	4.29
-22.0	10.518	-246.99	33.39	15.28	-10.06	3.08
-23.0C	10.200	-262.08	28.09	21.97	-10.05	1.75
-24.0C	9.961	-278.06	17.66	27.52	-9.96	0.31
-25.0D	9.857	-294.61	2.15	30.03	-9.79	-1.18
-26.0D	9.924	-311.24	-15.18	28.32	-9.56	-2.66
-27.0D	10.159	-327.35	-30.20	22.95	-9.30	-4.09
-28.0C	10.524	-342.52	-40.04	15.74	-9.02	-5.42
-29.0C	10.958	-356.58	-43.93	8.62	-8.73	-6.62
-30.0C	11.406	-369.56	-43.00	2.62	-8.44	-7.67

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	30.00	0.0	10.00
-1.0	10.086	-16.31	-16.52	27.98	-1.47	9.98
-2.0	10.330	-32.09	-30.70	22.73	-2.89	9.92
-3.0	10.703	-46.94	-41.69	15.58	-4.22	9.84
-4.0	11.171	-60.66	-49.26	7.92	-5.42	9.77
-5.0B	11.698	-73.19	-53.29	0.76	-6.48	9.74
-6.0B	12.248	-84.61	-53.66	-5.47	-7.40	9.76
-7.0A	12.784	-95.04	-50.58	-10.84	-8.16	9.84
-8.0A	13.274	-104.67	-44.75	-15.67	-8.78	9.96
-9.0A	13.693	-113.67	-37.08	-20.19	-9.25	10.10
-10.0	14.028	-122.19	-28.29	-24.31	-9.58	10.25
-11.0	14.269	-130.37	-18.82	-27.66	-9.80	10.38
-12.0	14.412	-138.34	-8.96	-29.79	-9.90	10.47
-13.0	14.452	-146.21	1.06	-30.35	-9.93	10.50
-14.0	14.390	-154.11	11.03	-29.20	-9.88	10.46
-15.0	14.228	-162.13	20.72	-26.50	-9.79	10.33
-16.0	13.968	-170.40	29.87	-22.62	-9.67	10.08
-17.0A	13.619	-179.05	38.15	-18.02	-9.56	9.70
-18.0A	13.193	-188.21	44.96	-13.11	-9.46	9.19
-19.0B	12.708	-198.05	49.37	-8.09	-9.41	8.55
-20.0B	12.194	-208.69	50.58	-2.91	-9.41	7.76
-21.0	11.684	-220.26	48.63	2.63	-9.47	6.84
-22.0	11.207	-232.84	44.50	8.76	-9.59	5.80
-23.0	10.779	-246.48	38.96	15.47	-9.73	4.63
-24.0	10.416	-261.17	31.48	22.30	-9.87	3.34
-25.0C	10.147	-276.80	20.66	28.16	-9.96	1.93
-26.0C	10.007	-293.09	6.14	31.48	-10.00	0.45
-27.0C	10.027	-309.58	-10.23	31.10	-9.97	-1.05
-28.0C	10.212	-325.75	-25.38	27.07	-9.90	-2.51
-29.0C	10.533	-341.13	-36.76	20.73	-9.79	-3.90
-30.0C	10.947	-355.47	-43.42	13.72	-9.65	-5.17

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	30.00	0.0	10.00
-1.0	10.087	-16.31	-16.69	27.94	-1.47	9.98
-2.0	10.333	-32.08	-31.02	22.62	-2.89	9.92
-3.0	10.711	-46.92	-42.29	15.36	-4.22	9.85
-4.0	11.187	-60.60	-50.25	7.56	-5.42	9.79
-5.0B	11.726	-73.08	-54.60	0.25	-6.48	9.78
-6.0B	12.290	-84.41	-54.95	-6.09	-7.39	9.82
-7.0A	12.837	-94.76	-51.44	-11.53	-8.15	9.92
-8.0A	13.332	-104.30	-44.94	-16.40	-8.75	10.06
-9.0	13.750	-113.22	-36.58	-20.93	-9.20	10.21
-10.0	14.077	-121.67	-27.21	-24.99	-9.52	10.37
-11.0	14.305	-129.81	-17.31	-28.18	-9.72	10.50
-12.0	14.430	-137.75	-7.13	-30.04	-9.81	10.58
-13.0	14.450	-145.62	3.13	-30.24	-9.81	10.61
-14.0	14.366	-153.52	13.29	-28.71	-9.76	10.54
-15.0	14.179	-161.59	23.17	-25.64	-9.66	10.38
-16.0	13.894	-169.94	32.52	-21.44	-9.54	10.10
-17.0A	13.517	-178.71	40.92	-16.59	-9.43	9.69
-18.0A	13.063	-188.05	47.50	-11.48	-9.34	9.13
-19.0B	12.556	-198.11	51.08	-6.30	-9.30	8.43
-20.0B	12.031	-209.05	50.88	-0.96	-9.33	7.60
-21.0	11.526	-220.94	47.48	4.74	-9.42	6.64
-22.0	11.066	-233.87	42.42	11.00	-9.57	5.56
-23.0	10.662	-247.85	36.45	17.76	-9.73	4.35
-24.0C	10.327	-262.85	28.53	24.44	-9.88	3.02
-25.0C	10.091	-278.72	17.00	29.80	-9.97	1.59
-26.0C	9.992	-295.15	1.81	32.24	-9.99	0.09
-27.0C	10.058	-311.64	-14.66	30.81	-9.96	-1.41
-28.0C	10.285	-327.66	-29.09	25.97	-9.88	-2.86
-29.0C	10.638	-342.81	-39.15	19.27	-9.76	-4.23
-30.0C	11.069	-356.88	-44.32	12.35	-9.63	-5.46

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	30.00	0.0	10.00
-1.0	10.088	-16.31	-16.86	27.90	-1.47	9.98
-2.0	10.337	-32.07	-31.35	22.51	-2.89	9.92
-3.0	10.719	-46.89	-42.90	15.14	-4.22	9.86
-4.0	11.203	-60.54	-51.25	7.19	-5.41	9.81
-5.0B	11.755	-72.96	-55.91	-0.27	-6.47	9.81
-6.0B	12.332	-84.22	-56.19	-6.71	-7.38	9.88
-7.0A	12.889	-94.48	-52.19	-12.20	-8.13	10.00
-8.0A	13.388	-103.94	-44.98	-17.10	-8.72	10.16
-9.0	13.803	-112.78	-35.95	-21.63	-9.16	10.32
-10.0	14.121	-121.17	-26.05	-25.61	-9.46	10.48
-11.0	14.335	-129.26	-15.77	-28.62	-9.64	10.61
-12.0	14.443	-137.18	-5.33	-30.20	-9.71	10.69
-13.0	14.444	-145.05	5.13	-30.06	-9.70	10.70
-14.0	14.338	-152.98	15.48	-28.15	-9.64	10.62
-15.0	14.128	-161.10	25.57	-24.73	-9.53	10.43
-16.0	13.817	-169.53	35.14	-20.24	-9.42	10.11
-17.0A	13.413	-178.43	43.61	-15.15	-9.31	9.66
-18.0A	12.933	-187.95	49.83	-9.87	-9.23	9.06
-19.0B	12.407	-198.25	52.34	-4.54	-9.21	8.31
-20.0B	11.877	-209.47	50.60	0.93	-9.26	7.43
-21.0	11.382	-221.69	45.93	6.76	-9.39	6.44
-22.0	10.941	-234.94	40.26	13.12	-9.56	5.32
-23.0	10.560	-249.22	34.05	19.88	-9.74	4.08
-24.0C	10.251	-264.49	25.73	26.37	-9.89	2.72
-25.0C	10.047	-280.58	13.48	31.19	-9.97	1.26
-26.0C	9.988	-297.11	-2.32	32.74	-9.98	-0.25
-27.0C	10.097	-313.57	-18.72	30.35	-9.94	-1.75
-28.0C	10.361	-329.44	-32.30	24.83	-9.86	-3.19
-29.0C	10.740	-344.35	-40.99	17.93	-9.74	-4.53
-30.0C	11.183	-358.17	-44.75	11.18	-9.60	-5.73

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	0.0	30.00	0.0	10.00
-1.0	10.089	-16.31	-17.03	27.86	-1.47	9.98
-2.0	10.340	-32.06	-31.69	22.40	-2.89	9.93
-3.0	10.727	-46.86	-43.52	14.92	-4.21	9.87
-4.0	11.220	-60.47	-52.28	6.82	-5.41	9.83
-5.0B	11.784	-72.83	-57.22	-0.79	-6.47	9.85
-6.0B	12.374	-84.02	-57.38	-7.32	-7.37	9.94
-7.0A	12.941	-94.20	-52.82	-12.85	-8.11	10.08
-8.0A	13.443	-103.58	-44.90	-17.77	-8.69	10.25
-9.0	13.853	-112.35	-35.22	-22.28	-9.12	10.43
-10.0	14.161	-120.69	-24.84	-26.18	-9.40	10.59
-11.0	14.361	-128.74	-14.23	-29.00	-9.56	10.72
-12.0	14.452	-136.64	-3.56	-30.29	-9.62	10.79
-13.0	14.434	-144.51	7.09	-29.81	-9.60	10.78
-14.0	14.307	-152.47	17.62	-27.55	-9.52	10.68
-15.0	14.074	-160.64	27.93	-23.80	-9.41	10.46
-16.0	13.737	-169.17	37.72	-19.02	-9.30	10.11
-17.0A	13.307	-178.20	46.22	-13.72	-9.20	9.62
-18.0A	12.802	-187.90	51.89	-8.27	-9.13	8.97
-19.0B	12.261	-198.45	53.11	-2.82	-9.13	8.18
-20.0	11.731	-209.95	49.81	2.76	-9.21	7.26
-21.0	11.250	-222.47	44.10	8.69	-9.36	6.23
-22.0	10.830	-236.02	38.12	15.11	-9.56	5.09
-23.0	10.471	-250.59	31.83	21.86	-9.75	3.81
-24.0C	10.187	-266.11	23.08	28.11	-9.90	2.42
-25.0C	10.014	-282.37	10.07	32.35	-9.97	0.94
-26.0C	9.993	-298.98	-6.25	33.03	-9.98	-0.58
-27.0C	10.141	-315.38	-22.45	29.76	-9.93	-2.07
-28.0C	10.439	-331.08	-35.05	23.70	-9.84	-3.50
-29.0C	10.840	-345.76	-42.35	16.71	-9.71	-4.81
-30.0C	11.289	-359.35	-44.81	10.18	-9.57	-5.99

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-30.00	0.0	10.00
-1.0	9.879	-13.02	18.63	-27.95	-0.88	9.84
-2.0	9.619	-26.55	32.33	-22.90	-1.79	9.45
-3.0C	9.223	-41.06	44.61	-13.96	-2.75	8.80
-4.0C	8.726	-57.09	50.80	-0.74	-3.75	7.88
-5.0D	8.226	-75.10	44.79	14.94	-4.78	6.69
-6.0	7.851	-95.15	27.15	28.53	-5.81	5.28
-7.0	7.690	-116.62	3.93	35.04	-6.74	3.70
-8.0	7.769	-138.33	-18.87	31.95	-7.51	2.01
-9.0	8.055	-159.03	-35.82	21.06	-8.05	0.30
-10.0	8.473	-177.98	-44.51	6.83	-8.37	-1.31
-11.0	8.940	-195.03	-45.80	-6.90	-8.50	-2.76
-12.0	9.390	-210.38	-41.33	-18.11	-8.48	-4.04
-13.0D	9.771	-224.40	-32.45	-26.17	-8.33	-5.11
-14.0D	10.043	-237.49	-20.50	-31.23	-8.05	-6.01
-15.0D	10.184	-250.03	-6.86	-33.68	-7.64	-6.73
-16.0D	10.183	-262.38	7.16	-33.85	-7.10	-7.30
-17.0D	10.040	-274.91	20.48	-31.80	-6.40	-7.74
-18.0	9.768	-287.95	32.42	-27.28	-5.52	-8.06
-19.0	9.382	-301.89	42.92	-19.60	-4.46	-8.25
-20.0	8.896	-317.21	51.62	-7.66	-3.19	-8.31
-21.0E	8.347	-334.45	53.98	8.99	-1.69	-8.17
-22.0F	7.845	-354.08	41.29	27.04	0.01	-7.84
-23.0	7.554	-375.83	14.01	38.72	1.81	-7.33
-24.0	7.571	-398.37	-17.05	37.73	3.61	-6.65
-25.0	7.880	-419.92	-41.78	24.89	5.29	-5.84
-26.0	8.386	-439.30	-55.12	6.65	6.75	-4.97
-27.0F	8.966	-456.28	-56.48	-10.51	7.97	-4.11
-28.0E	9.507	-471.21	-47.86	-23.19	8.92	-3.30
-29.0E	9.924	-484.69	-32.98	-31.00	9.60	-2.52
-30.0E	10.172	-497.30	-15.23	-34.86	10.02	-1.77

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-30.00	0.0	10.00
-1.0	9.880	-13.01	18.51	-27.98	-0.88	9.84
-2.0	9.620	-26.54	32.43	-22.91	-1.79	9.45
-3.0C	9.220	-41.06	45.29	-13.83	-2.75	8.80
-4.0C	8.715	-57.12	51.75	-0.27	-3.75	7.87
-5.0D	8.208	-75.20	44.85	15.64	-4.78	6.67
-6.0	7.839	-95.34	26.12	29.03	-5.81	5.26
-7.0	7.690	-116.85	2.72	35.05	-6.76	3.67
-8.0	7.779	-138.52	-19.55	31.61	-7.52	1.98
-9.0	8.069	-159.16	-35.86	20.66	-8.06	0.29
-10.0	8.485	-178.06	-44.29	6.53	-8.38	-1.32
-11.0	8.951	-195.07	-45.84	-7.15	-8.51	-2.77
-12.0	9.404	-210.38	-41.88	-18.44	-8.49	-4.04
-13.0D	9.793	-224.35	-33.44	-26.67	-8.35	-5.12
-14.0D	10.077	-237.36	-21.69	-31.91	-8.09	-6.01
-15.0D	10.230	-249.79	-8.03	-34.54	-7.70	-6.73
-16.0D	10.239	-262.02	6.11	-34.90	-7.18	-7.30
-17.0D	10.107	-274.38	19.50	-33.12	-6.51	-7.73
-18.0	9.846	-287.21	31.38	-29.00	-5.67	-8.05
-19.0	9.470	-300.90	41.90	-21.91	-4.65	-8.25
-20.0	8.992	-315.88	51.47	-10.64	-3.42	-8.32
-21.0E	8.432	-332.73	56.39	5.80	-1.95	-8.20
-22.0F	7.890	-352.01	46.31	24.87	-0.28	-7.89
-23.0	7.545	-373.62	19.25	38.62	1.53	-7.39
-24.0	7.515	-396.32	-13.20	39.64	3.35	-6.73
-25.0	7.795	-418.24	-40.12	27.69	5.06	-5.93
-26.0	8.297	-438.02	-55.87	9.04	6.57	-5.07
-27.0F	8.896	-455.28	-59.18	-9.23	7.83	-4.22
-28.0E	9.469	-470.36	-51.31	-22.98	8.83	-3.41
-29.0E	9.920	-483.86	-36.06	-31.48	9.56	-2.66
-30.0E	10.195	-496.41	-17.45	-35.68	10.01	-1.93

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-30.00	0.0	10.00
-1.0	9.881	-13.01	18.39	-28.01	-0.88	9.84
-2.0	9.621	-26.54	32.52	-22.93	-1.79	9.45
-3.0C	9.218	-41.05	45.97	-13.69	-2.74	8.80
-4.0C	8.703	-57.14	52.68	0.18	-3.75	7.86
-5.0D	8.191	-75.31	44.87	16.32	-4.79	6.65
-6.0	7.827	-95.52	25.09	29.50	-5.82	5.23
-7.0	7.690	-117.06	1.56	35.05	-6.77	3.65
-8.0	7.789	-138.70	-20.18	31.26	-7.54	1.96
-9.0	8.082	-159.29	-35.89	20.26	-8.08	0.27
-10.0	8.497	-178.13	-44.11	6.23	-8.39	-1.33
-11.0	8.963	-195.10	-45.93	-7.42	-8.52	-2.78
-12.0	9.419	-210.37	-42.48	-18.81	-8.51	-4.05
-13.0D	9.816	-224.28	-34.45	-27.21	-8.37	-5.12
-14.0D	10.111	-237.21	-22.83	-32.61	-8.13	-6.01
-15.0D	10.275	-249.53	-9.06	-35.38	-7.77	-6.72
-16.0D	10.295	-261.63	5.28	-35.89	-7.27	-7.29
-17.0D	10.170	-273.84	18.82	-34.30	-6.62	-7.72
-18.0	9.916	-286.50	30.65	-30.50	-5.81	-8.03
-19.0	9.548	-299.95	41.03	-23.90	-4.82	-8.24
-20.0	9.077	-314.64	51.03	-13.26	-3.63	-8.32
-21.0E	8.513	-331.14	58.10	2.84	-2.20	-8.22
-22.0F	7.939	-350.08	50.75	22.67	-0.55	-7.92
-23.0	7.543	-371.54	24.14	38.24	1.26	-7.44
-24.0	7.468	-394.35	-9.46	41.18	3.10	-6.80
-25.0	7.720	-416.59	-38.24	30.24	4.84	-6.01
-26.0	8.213	-436.74	-56.20	11.38	6.39	-5.16
-27.0F	8.826	-454.29	-61.50	-7.90	7.70	-4.32
-28.0E	9.429	-469.51	-54.52	-22.69	8.74	-3.53
-29.0E	9.912	-483.05	-38.97	-31.85	9.51	-2.79
-30.0E	10.213	-495.56	-19.53	-36.38	10.00	-2.08

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-30.00	0.0	10.00
-1.0	9.882	-13.01	18.27	-28.04	-0.88	9.84
-2.0	9.623	-26.53	32.61	-22.95	-1.79	9.45
-3.0C	9.215	-41.05	46.64	-13.56	-2.74	8.80
-4.0C	8.692	-57.17	53.60	0.64	-3.75	7.84
-5.0D	8.175	-75.41	44.84	16.97	-4.79	6.63
-6.0	7.817	-95.70	24.06	29.93	-5.83	5.21
-7.0	7.691	-117.26	0.44	35.02	-6.78	3.62
-8.0	7.799	-138.87	-20.77	30.91	-7.55	1.94
-9.0	8.095	-159.40	-35.91	19.87	-8.09	0.25
-10.0	8.509	-178.20	-43.97	5.93	-8.40	-1.34
-11.0	8.974	-195.12	-46.07	-7.71	-8.53	-2.79
-12.0	9.435	-210.35	-43.13	-19.21	-8.52	-4.05
-13.0D	9.840	-224.19	-35.48	-27.77	-8.40	-5.12
-14.0D	10.147	-237.03	-23.91	-33.32	-8.18	-6.01
-15.0D	10.321	-249.26	-9.93	-36.20	-7.84	-6.72
-16.0D	10.348	-261.23	4.72	-36.80	-7.36	-7.27
-17.0D	10.228	-273.29	18.47	-35.34	-6.73	-7.70
-18.0D	9.977	-285.79	30.28	-31.75	-5.95	-8.01
-19.0	9.614	-299.06	40.41	-25.54	-4.99	-8.22
-20.0	9.150	-313.51	50.51	-15.45	-3.82	-8.31
-21.0E	8.585	-329.71	59.21	0.26	-2.43	-8.23
-22.0F	7.985	-348.35	54.50	20.62	-0.79	-7.95
-23.0	7.546	-369.65	28.44	37.74	1.01	-7.48
-24.0	7.431	-392.53	-6.14	42.36	2.87	-6.86
-25.0	7.656	-415.05	-36.46	32.41	4.64	-6.09
-26.0	8.141	-435.52	-56.30	13.45	6.22	-5.25
-27.0F	8.765	-453.32	-63.45	-6.69	7.57	-4.42
-28.0E	9.393	-468.68	-57.38	-22.44	8.66	-3.64
-29.0E	9.905	-482.25	-41.54	-32.18	9.46	-2.92
-30.0E	10.228	-494.73	-21.28	-36.99	9.98	-2.23

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-25.00	0.0	10.00
-1.0	9.891	-13.30	16.35	-23.10	-0.93	9.85
-2.0	9.665	-27.06	27.73	-18.67	-1.88	9.48
-3.0	9.328	-41.67	37.96	-11.06	-2.87	8.87
-4.0C	8.905	-57.55	43.50	-0.07	-3.89	8.01
-5.0D	8.472	-75.08	39.19	12.85	-4.92	6.89
-6.0	8.140	-94.29	24.17	23.94	-5.94	5.57
-7.0	7.996	-114.64	3.57	29.07	-6.87	4.09
-8.0	8.066	-135.16	-16.64	26.34	-7.67	2.51
-9.0	8.320	-154.86	-32.04	17.18	-8.27	0.92
-10.0	8.698	-173.10	-40.64	4.96	-8.68	-0.61
-11.0	9.128	-189.68	-42.51	-7.11	-8.91	-2.00
-12.0D	9.548	-204.75	-38.58	-17.10	-8.98	-3.24
-13.0D	9.902	-218.62	-30.08	-24.29	-8.92	-4.31
-14.0D	10.152	-231.64	-18.53	-28.74	-8.71	-5.21
-15.0D	10.276	-244.18	-5.43	-30.78	-8.36	-5.97
-16.0D	10.263	-256.58	7.86	-30.70	-7.86	-6.60
-17.0D	10.118	-269.17	20.18	-28.57	-7.19	-7.12
-18.0	9.857	-282.27	30.66	-24.27	-6.35	-7.54
-19.0	9.498	-296.20	39.10	-17.37	-5.32	-7.87
-20.0	9.063	-311.36	45.69	-7.15	-4.09	-8.09
-21.0E	8.576	-328.16	48.36	6.83	-2.64	-8.16
-22.0F	8.110	-347.00	40.43	22.69	-0.99	-8.05
-23.0F	7.799	-367.78	18.30	34.45	0.79	-7.76
-24.0	7.759	-389.50	-10.62	35.74	2.61	-7.31
-25.0	8.003	-410.63	-35.75	25.77	4.34	-6.72
-26.0F	8.455	-429.96	-50.57	9.67	5.90	-6.05
-27.0F	8.996	-447.08	-53.40	-6.29	7.23	-5.35
-28.0E	9.513	-462.27	-46.23	-18.49	8.30	-4.64
-29.0E	9.921	-476.04	-32.96	-26.27	9.11	-3.94
-30.0E	10.178	-488.91	-16.91	-30.34	9.66	-3.21

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-25.00	0.0	10.00
-1.0	9.892	-13.30	16.22	-23.13	-0.93	9.85
-2.0	9.667	-27.06	27.80	-18.69	-1.88	9.48
-3.0	9.326	-41.67	38.59	-10.95	-2.87	8.87
-4.0C	8.894	-57.58	44.54	0.37	-3.89	8.00
-5.0D	8.452	-75.18	39.62	13.60	-4.92	6.87
-6.0	8.123	-94.48	23.31	24.61	-5.94	5.54
-7.0	7.993	-114.89	1.90	29.19	-6.89	4.05
-8.0	8.080	-135.39	-18.39	25.77	-7.69	2.48
-9.0	8.351	-154.97	-33.51	16.05	-8.30	0.91
-10.0	8.742	-173.04	-41.89	3.51	-8.72	-0.60
-11.0	9.185	-189.42	-43.64	-8.74	-8.97	-1.97
-12.0D	9.615	-204.28	-39.45	-18.77	-9.07	-3.19
-13.0D	9.976	-217.93	-30.43	-25.88	-9.03	-4.23
-14.0D	10.226	-230.75	-18.16	-30.17	-8.86	-5.11
-15.0D	10.342	-243.10	-4.36	-32.00	-8.53	-5.85
-16.0D	10.315	-255.35	9.48	-31.70	-8.04	-6.46
-17.0D	10.152	-267.82	22.01	-29.36	-7.38	-6.97
-18.0D	9.873	-280.83	32.27	-24.86	-6.55	-7.39
-19.0	9.500	-294.73	40.29	-17.78	-5.53	-7.73
-20.0	9.053	-309.87	46.85	-7.32	-4.30	-7.97
-21.0E	8.552	-326.71	50.06	7.21	-2.84	-8.07
-22.0F	8.068	-345.67	41.89	23.86	-1.17	-7.98
-23.0F	7.751	-366.67	17.92	35.97	0.64	-7.73
-24.0	7.725	-388.60	-12.92	36.60	2.48	-7.32
-25.0	7.999	-409.79	-39.05	25.34	4.24	-6.78
-26.0F	8.485	-429.01	-53.86	8.07	5.82	-6.17
-27.0F	9.056	-445.92	-55.62	-8.43	7.17	-5.53
-28.0E	9.586	-460.86	-46.74	-20.54	8.25	-4.89
-29.0E	9.991	-474.39	-31.86	-27.90	9.05	-4.22
-30.0E	10.230	-487.09	-14.58	-31.47	9.60	-3.54

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-25.00	0.0	10.00
-1.0	9.893	-13.30	16.10	-23.16	-0.93	9.85
-2.0	9.668	-27.05	27.88	-18.71	-1.88	9.48
-3.0	9.324	-41.66	39.21	-10.84	-2.87	8.87
-4.0C	8.883	-57.60	45.56	0.81	-3.89	7.99
-5.0D	8.433	-75.28	39.99	14.33	-4.92	6.85
-6.0	8.107	-94.67	22.40	25.24	-5.95	5.51
-7.0	7.990	-115.13	0.24	29.27	-6.90	4.02
-8.0	8.095	-135.59	-20.10	25.16	-7.71	2.46
-9.0	8.383	-155.06	-35.00	14.90	-8.33	0.90
-10.0	8.788	-172.95	-43.23	2.01	-8.77	-0.59
-11.0D	9.244	-189.13	-44.86	-10.41	-9.04	-1.94
-12.0D	9.685	-203.77	-40.29	-20.47	-9.17	-3.13
-13.0D	10.051	-217.21	-30.55	-27.45	-9.16	-4.15
-14.0D	10.298	-229.82	-17.41	-31.50	-9.00	-5.00
-15.0D	10.402	-242.01	-2.77	-33.05	-8.69	-5.72
-16.0D	10.356	-254.13	11.66	-32.44	-8.21	-6.31
-17.0D	10.169	-266.52	24.34	-29.78	-7.55	-6.81
-18.0D	9.867	-279.51	34.22	-24.97	-6.71	-7.23
-19.0	9.478	-293.43	41.64	-17.59	-5.69	-7.58
-20.0	9.019	-308.65	47.99	-6.73	-4.45	-7.85
-21.0E	8.506	-325.63	51.35	8.43	-2.98	-7.97
-22.0F	8.012	-344.82	42.15	25.72	-1.28	-7.91
-23.0F	7.704	-366.08	15.81	37.58	0.56	-7.68
-24.0	7.709	-388.17	-16.69	36.83	2.42	-7.32
-25.0	8.024	-409.31	-43.16	23.88	4.20	-6.84
-26.0F	8.549	-428.28	-57.12	5.52	5.79	-6.29
-27.0E	9.144	-444.86	-56.96	-11.12	7.13	-5.72
-28.0E	9.677	-459.48	-45.92	-22.70	8.21	-5.13
-29.0E	10.065	-472.77	-29.42	-29.37	9.00	-4.51
-30.0	10.273	-485.31	-11.08	-32.27	9.52	-3.85

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-25.00	0.0	10.00
-1.0	9.894	-13.30	15.98	-23.19	-0.93	9.85
-2.0	9.670	-27.05	27.95	-18.74	-1.88	9.48
-3.0	9.322	-41.66	39.83	-10.73	-2.87	8.87
-4.0C	8.872	-57.63	46.57	1.24	-3.89	7.98
-5.0D	8.415	-75.37	40.31	15.05	-4.92	6.82
-6.0	8.092	-94.86	21.46	25.82	-5.96	5.48
-7.0	7.989	-115.36	-1.39	29.30	-6.92	4.00
-8.0	8.111	-135.78	-21.78	24.52	-7.74	2.44
-9.0	8.415	-155.13	-36.53	13.73	-8.37	0.89
-10.0	8.836	-172.85	-44.67	0.48	-8.82	-0.58
-11.0D	9.306	-188.82	-46.14	-12.13	-9.11	-1.90
-12.0D	9.757	-203.24	-41.05	-22.16	-9.26	-3.07
-13.0D	10.126	-216.45	-30.40	-28.95	-9.28	-4.06
-14.0C	10.367	-228.88	-16.23	-32.70	-9.14	-4.89
-15.0C	10.454	-240.92	-0.68	-33.90	-8.84	-5.58
-16.0D	10.383	-252.94	14.33	-32.91	-8.36	-6.16
-17.0D	10.169	-265.29	27.05	-29.84	-7.70	-6.65
-18.0D	9.841	-278.32	36.37	-24.62	-6.85	-7.07
-19.0	9.434	-292.33	43.02	-16.83	-5.80	-7.44
-20.0	8.963	-307.70	49.10	-5.44	-4.55	-7.72
-21.0E	8.438	-324.91	52.25	10.47	-3.05	-7.87
-22.0F	7.944	-344.42	41.11	28.18	-1.33	-7.83
-23.0F	7.661	-365.98	11.99	39.12	0.54	-7.64
-24.0	7.714	-388.17	-21.81	36.29	2.42	-7.32
-25.0F	8.080	-409.12	-47.90	21.38	4.20	-6.90
-26.0F	8.646	-427.71	-60.07	2.16	5.79	-6.42
-27.0E	9.257	-443.87	-57.16	-14.14	7.12	-5.91
-28.0E	9.779	-458.14	-43.70	-24.83	8.17	-5.38
-29.0	10.136	-471.19	-25.74	-30.60	8.93	-4.79
-30.0	10.302	-483.61	-6.57	-32.70	9.43	-4.14

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-20.00	0.0	10.00
-1.0	9.903	-13.59	14.01	-18.27	-0.98	9.85
-2.0	9.713	-27.57	23.07	-14.49	-1.98	9.51
-3.0	9.434	-42.27	31.23	-8.22	-3.00	8.94
-4.0C	9.086	-58.00	36.00	0.62	-4.03	8.14
-5.0D	8.723	-75.06	33.39	10.94	-5.07	7.10
-6.0D	8.435	-93.46	21.63	19.92	-5.07	5.86
-7.0	8.301	-112.80	4.02	24.19	-6.99	4.47
-8.0	8.354	-132.30	-14.06	22.06	-7.80	2.99
-9.0	8.575	-151.15	-28.38	14.46	-8.44	1.50
-10.0	8.914	-168.78	-36.79	4.06	-8.91	0.05
-11.0D	9.306	-184.98	-38.87	-6.42	-9.22	-1.29
-12.0D	9.690	-199.85	-35.27	-15.16	-9.36	-2.50
-13.0D	10.012	-213.65	-27.27	-21.46	-9.36	-3.56
-14.0D	10.238	-226.70	-16.46	-25.33	-9.21	-4.48
-15.0D	10.345	-239.33	-4.32	-27.02	-8.90	-5.28
-16.0D	10.326	-251.85	7.87	-26.77	-8.43	-5.96
-17.0D	10.187	-264.56	18.93	-24.69	-7.80	-6.56
-18.0D	9.946	-277.75	27.91	-20.72	-6.99	-7.08
-19.0	9.625	-291.70	34.44	-14.72	-6.01	-7.52
-20.0	9.249	-306.69	38.82	-6.35	-4.84	-7.88
-21.0	8.839	-323.02	40.72	4.63	-3.47	-8.13
-22.0E	8.436	-340.97	36.72	17.38	-1.91	-8.22
-23.0F	8.125	-360.55	22.24	28.40	-0.20	-8.12
-24.0F	8.011	-381.20	-0.91	32.48	1.58	-7.85
-25.0F	8.144	-401.78	-24.49	27.16	3.32	-7.44
-26.0F	8.487	-421.16	-40.97	15.02	4.93	-6.91
-27.0F	8.947	-438.75	-47.10	1.14	6.34	-6.31
-28.0E	9.418	-454.57	-43.74	-10.59	7.53	-5.66
-29.0E	9.820	-468.98	-34.02	-18.79	8.47	-4.97
-30.0F	10.103	-482.41	-21.03	-23.65	9.16	-4.25

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-20.00	0.0	10.00
-1.0	9.904	-13.58	13.89	-18.30	-0.98	9.86
-2.0	9.715	-27.57	23.12	-14.51	-1.98	9.51
-3.0	9.433	-42.26	31.80	-8.13	-3.00	8.94
-4.0C	9.076	-58.02	37.07	1.02	-4.03	8.13
-5.0D	8.703	-75.15	34.18	11.72	-5.07	7.08
-6.0D	8.412	-93.65	21.22	20.78	-6.07	5.82
-7.0	8.289	-113.08	2.36	24.62	-7.01	4.43
-8.0	8.363	-132.60	-16.39	21.69	-7.82	2.95
-9.0	8.609	-151.35	-30.86	13.25	-8.48	1.47
-10.0	8.972	-168.77	-39.06	2.23	-8.97	0.05
-11.0D	9.385	-184.71	-40.61	-8.55	-9.30	-1.26
-12.0D	9.782	-199.30	-36.10	-17.29	-9.48	-2.43
-13.0D	10.108	-212.83	-26.96	-23.36	-9.50	-3.46
-14.0C	10.324	-225.63	-15.00	-26.87	-9.37	-4.34
-15.0C	10.411	-238.06	-1.88	-28.14	-9.07	-5.11
-16.0D	10.364	-250.45	10.94	-27.43	-8.60	-5.78
-17.0D	10.192	-263.10	22.14	-24.86	-7.96	-6.36
-18.0D	9.920	-276.32	30.64	-20.39	-7.14	-6.88
-19.0	9.576	-290.37	36.30	-13.89	-6.15	-7.34
-20.0	9.184	-305.53	40.01	-4.99	-4.96	-7.73
-21.0	8.764	-322.10	41.59	6.63	-3.57	-8.01
-22.0E	8.355	-340.37	36.66	19.97	-1.97	-8.12
-23.0F	8.056	-360.31	19.88	30.82	-0.23	-8.05
-24.0F	7.979	-381.22	-5.54	33.47	1.57	-7.82
-25.0F	8.165	-401.81	-29.85	26.08	3.33	-7.46
-26.0F	8.559	-420.95	-45.31	12.37	4.94	-6.99
-27.0E	9.052	-438.16	-49.20	-1.97	6.35	-6.45
-28.0E	9.532	-453.59	-43.34	-13.29	7.52	-5.86
-29.0E	9.918	-467.67	-31.65	-20.72	8.44	-5.22
-30.0	10.170	-480.88	-17.35	-24.78	9.11	-4.53

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-20.00	0.0	10.00
-1.0	9.905	-13.58	13.76	-18.33	-0.98	9.86
-2.0	9.716	-27.56	23.17	-14.54	-1.98	9.51
-3.0	9.431	-42.26	32.36	-8.04	-3.00	8.94
-4.0C	9.066	-58.04	38.13	1.41	-4.03	8.12
-5.0D	8.682	-75.23	34.92	12.48	-5.06	7.05
-6.0D	8.390	-93.84	20.72	21.60	-6.07	5.79
-7.0	8.279	-113.36	0.67	24.97	-7.02	4.39
-8.0	8.374	-132.87	-18.71	21.24	-7.85	2.92
-9.0	8.645	-151.51	-33.30	12.00	-8.52	1.45
-10.0D	9.032	-168.74	-41.30	0.39	-9.03	0.06
-11.0D	9.465	-184.42	-42.22	-10.64	-9.39	-1.22
-12.0D	9.873	-198.74	-36.65	-19.29	-9.59	-2.36
-13.0C	10.198	-212.00	-26.23	-25.05	-9.63	-3.35
-14.0C	10.400	-224.59	-13.05	-28.13	-9.51	-4.20
-15.0C	10.462	-236.87	1.03	-28.93	-9.22	-4.95
-16.0D	10.382	-249.17	14.41	-27.70	-8.75	-5.59
-17.0D	10.175	-261.82	25.54	-24.57	-8.09	-6.17
-18.0D	9.871	-275.12	33.28	-19.54	-7.25	-6.70
-19.0	9.505	-289.34	37.86	-12.49	-6.23	-7.18
-20.0	9.102	-304.75	40.84	-3.02	-5.02	-7.59
-21.0	8.676	-321.64	41.96	9.25	-3.59	-7.90
-22.0E	8.269	-340.29	35.53	22.97	-1.96	-8.03
-23.0F	7.995	-360.60	15.97	33.08	-0.19	-7.99
-24.0F	7.970	-381.69	-11.41	33.66	1.64	-7.80
-25.0F	8.217	-402.17	-35.57	23.98	3.40	-7.48
-26.0F	8.661	-420.94	-49.04	9.00	5.00	-7.07
-27.0E	9.177	-437.69	-49.99	-5.28	6.39	-6.59
-28.0F	9.651	-452.71	-41.47	-15.78	7.52	-6.04
-29.0E	10.009	-466.50	-28.06	-22.23	8.40	-5.44
-30.0	10.218	-479.53	-12.77	-25.37	9.04	-4.76

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-20.00	0.0	10.00
-1.0	9.906	-13.58	13.64	-18.36	-0.98	9.86
-2.0	9.718	-27.56	23.21	-14.57	-1.98	9.51
-3.0	9.430	-42.25	32.91	-7.95	-3.00	8.94
-4.0C	9.056	-58.06	39.18	1.81	-4.03	8.11
-5.0D	8.663	-75.32	35.62	13.22	-5.06	7.03
-6.0D	8.369	-94.03	20.15	22.37	-6.08	5.75
-7.0	8.270	-113.62	-1.05	25.27	-7.03	4.35
-8.0	8.386	-133.12	-21.00	20.74	-7.87	2.89
-9.0	8.681	-151.65	-35.73	10.71	-8.56	1.44
-10.0D	9.093	-168.68	-43.48	-1.45	-9.09	0.07
-11.0D	9.545	-184.11	-43.66	-12.66	-9.47	-1.18
-12.0D	9.962	-198.16	-36.86	-21.14	-9.70	-2.28
-13.0C	10.282	-211.18	-25.06	-26.51	-9.76	-3.24
-14.0C	10.466	-223.59	-10.66	-29.12	-9.65	-4.06
-15.0C	10.498	-235.74	4.32	-29.40	-9.35	-4.78
-16.0D	10.381	-248.01	18.12	-27.62	-8.86	-5.41
-17.0D	10.137	-260.71	28.94	-23.89	-8.18	-5.99
-18.0D	9.804	-274.16	35.62	-18.26	-7.31	-6.53
-19.0	9.420	-288.60	39.00	-10.65	-6.27	-7.03
-20.0	9.009	-304.31	41.33	-0.60	-5.02	-7.48
-21.0E	8.580	-321.57	41.85	12.30	-3.57	-7.80
-22.0E	8.184	-340.64	33.34	26.14	-1.90	-7.96
-23.0F	7.948	-361.30	10.76	34.94	-0.09	-7.95
-24.0F	7.985	-382.48	-18.00	33.00	1.75	-7.79
-25.0F	8.297	-402.71	-41.14	21.06	3.50	-7.52
-26.0F	8.784	-421.02	-51.77	5.28	5.08	-7.16
-27.0E	9.310	-437.30	-49.37	-8.45	6.43	-6.73
-28.0E	9.764	-451.93	-38.39	-17.86	7.53	-6.22
-29.0	10.083	-465.47	-23.63	-23.24	8.37	-5.63
-30.0	10.243	-478.39	-7.65	-25.44	8.97	-4.95

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-15.00	0.0	10.00
-1.0	9.915	-13.87	11.63	-13.46	-1.03	9.86
-2.0	9.762	-28.08	18.34	-10.35	-2.07	9.54
-3.0	9.542	-42.85	24.44	-5.43	-3.13	9.02
-4.0C	9.269	-58.43	28.27	1.32	-4.18	8.27
-5.0C	8.981	-75.02	27.10	9.18	-5.21	7.31
-6.0D	8.739	-92.64	18.99	16.23	-6.20	6.16
-7.0D	8.612	-111.03	5.29	19.99	-7.11	4.86
-8.0D	8.637	-129.62	-10.03	18.89	-7.91	3.47
-9.0D	8.809	-147.76	-23.03	13.26	-8.57	2.05
-10.0D	9.091	-164.97	-31.30	4.98	-9.07	0.66
-11.0D	9.430	-181.00	-34.01	-3.77	-9.41	-0.66
-12.0D	9.769	-195.89	-31.54	-11.34	-9.59	-1.86
-13.0D	10.061	-209.84	-25.02	-17.00	-9.62	-2.94
-14.0C	10.272	-223.09	-15.87	-20.60	-9.50	-3.90
-15.0C	10.382	-235.93	-5.43	-22.32	-9.23	-4.76
-16.0D	10.383	-248.64	5.15	-22.32	-8.80	-5.51
-17.0D	10.279	-261.48	14.79	-20.73	-8.21	-6.19
-18.0D	10.087	-274.68	22.54	-17.62	-7.46	-6.79
-19.0	9.827	-288.49	27.82	-13.02	-6.55	-7.33
-20.0	9.526	-303.11	30.75	-6.92	-5.48	-7.79
-21.0	9.204	-318.70	31.82	0.69	-4.24	-8.17
-22.0	8.882	-335.43	30.56	9.60	-2.83	-8.42
-23.0E	8.595	-353.39	24.68	18.67	-1.28	-8.50
-24.0E	8.401	-372.42	12.11	25.30	0.38	-8.39
-25.0F	8.364	-392.00	-5.28	26.56	2.06	-8.11
-26.0F	8.507	-411.33	-22.14	21.58	3.68	-7.67
-27.0F	8.798	-429.67	-33.55	12.36	5.18	-7.11
-28.0E	9.167	-446.67	-37.47	2.11	6.50	-6.46
-29.0E	9.541	-462.33	-34.66	-6.72	7.61	-5.75
-30.0E	9.861	-476.89	-27.20	-13.16	8.50	-4.99

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-15.00	0.0	10.00
-1.0	9.916	-13.87	11.51	-13.49	-1.03	9.86
-2.0	9.763	-28.07	18.37	-10.39	-2.07	9.54
-3.0	9.541	-42.84	24.93	-5.36	-3.12	9.02
-4.0C	9.261	-58.45	29.32	1.67	-4.18	8.27
-5.0C	8.960	-75.09	28.20	9.93	-5.21	7.29
-6.0D	8.711	-92.83	19.22	17.24	-6.20	6.12
-7.0D	8.588	-111.34	4.15	20.82	-7.12	4.81
-8.0D	8.631	-130.00	-12.30	19.05	-7.93	3.41
-9.0D	8.830	-148.11	-25.86	12.55	-8.60	2.00
-10.0D	9.141	-165.17	-34.07	3.49	-9.12	0.63
-11.0D	9.506	-180.98	-36.16	-5.70	-9.48	-0.66
-12.0D	9.862	-195.60	-32.61	-13.36	-9.69	-1.83
-13.0C	10.158	-209.27	-24.80	-18.82	-9.74	-2.87
-14.0C	10.360	-222.28	-14.40	-22.07	-9.64	-3.80
-15.0C	10.449	-234.92	-2.92	-23.34	-9.37	-4.62
-16.0C	10.420	-247.50	8.36	-22.85	-8.94	-5.36
-17.0D	10.283	-260.29	18.20	-20.72	-8.34	-6.02
-18.0D	10.057	-273.54	25.49	-17.06	-7.57	-6.62
-19.0	9.772	-287.47	29.77	-11.95	-6.64	-7.17
-20.0	9.456	-302.27	31.62	-5.43	-5.55	-7.66
-21.0	9.130	-318.10	31.99	2.54	-4.29	-8.06
-22.0	8.809	-335.12	30.29	11.78	-2.86	-8.33
-23.0E	8.528	-353.37	23.57	20.94	-1.27	-8.43
-24.0E	8.352	-372.67	9.51	27.07	0.41	-8.34
-25.0F	8.349	-392.41	-9.15	27.13	2.11	-8.08
-26.0F	8.534	-411.72	-26.15	20.72	3.75	-7.67
-27.0E	8.861	-429.87	-36.49	10.54	5.24	-7.14
-28.0E	9.252	-446.60	-38.62	0.06	6.55	-6.53
-29.0E	9.628	-461.98	-33.97	-8.44	7.65	-5.85
-30.0E	9.932	-476.31	-25.05	-14.28	8.51	-5.12

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-15.00	0.0	10.00
-1.0	9.917	-13.87	11.38	-13.52	-1.03	9.86
-2.0	9.765	-28.07	18.39	-10.42	-2.07	9.54
-3.0	9.540	-42.84	25.42	-5.30	-3.12	9.01
-4.0C	9.252	-58.46	30.36	2.02	-4.17	8.26
-5.0C	8.940	-75.17	29.26	10.67	-5.21	7.27
-6.0D	8.684	-93.01	19.34	18.22	-6.20	6.08
-7.0D	8.567	-111.64	2.89	21.56	-7.12	4.76
-8.0D	8.628	-130.35	-14.62	19.11	-7.95	3.36
-9.0D	8.854	-148.42	-28.65	11.73	-8.63	1.96
-10.0D	9.194	-165.33	-36.72	1.97	-9.17	0.61
-11.0D	9.582	-180.90	-38.04	-7.57	-9.56	-0.65
-12.0D	9.951	-195.27	-33.27	-15.21	-9.79	-1.79
-13.0C	10.247	-208.69	-24.10	-20.38	-9.86	-2.80
-14.0C	10.436	-221.49	-12.45	-23.22	-9.76	-3.70
-15.0C	10.499	-233.98	0.00	-24.00	-9.49	-4.49
-16.0C	10.438	-246.49	11.85	-22.97	-9.05	-5.21
-17.0D	10.264	-259.29	21.66	-20.27	-8.43	-5.86
-18.0D	10.006	-272.63	28.18	-16.04	-7.64	-6.46
-19.0	9.700	-286.75	31.20	-10.44	-6.68	-7.03
-20.0	9.376	-301.79	31.91	-3.55	-5.57	-7.54
-21.0	9.050	-317.90	31.64	4.72	-4.28	-7.97
-22.0	8.735	-335.22	29.46	14.15	-2.82	-8.27
-23.0E	8.467	-353.78	21.67	23.18	-1.20	-8.38
-24.0E	8.319	-373.32	6.10	28.46	0.50	-8.30
-25.0F	8.356	-393.14	-13.43	27.05	2.22	-8.06
-26.0F	8.583	-412.33	-29.94	19.27	3.85	-7.67
-27.0E	8.941	-430.22	-38.63	8.42	5.34	-7.17
-28.0E	9.343	-446.64	-38.69	-1.92	6.62	-6.59
-29.0E	9.710	-461.76	-32.25	-9.83	7.69	-5.93
-30.0F	9.990	-475.91	-22.11	-14.94	8.53	-5.21

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-15.00	0.0	10.00
-1.0	9.918	-13.87	11.26	-13.55	-1.03	9.86
-2.0	9.767	-28.06	18.42	-10.45	-2.07	9.54
-3.0	9.540	-42.83	25.90	-5.23	-3.12	9.01
-4.0C	9.243	-58.47	31.39	2.36	-4.17	8.25
-5.0C	8.920	-75.24	30.29	11.41	-5.20	7.24
-6.0D	8.658	-93.19	19.37	19.16	-6.20	6.04
-7.0D	8.548	-111.93	1.55	22.23	-7.13	4.71
-8.0D	8.629	-130.69	-16.97	19.06	-7.97	3.31
-9.0D	8.881	-148.70	-31.40	10.83	-8.67	1.92
-10.0D	9.248	-165.44	-39.22	0.42	-9.23	0.59
-11.0D	9.658	-180.80	-39.65	-9.38	-9.64	-0.64
-12.0C	10.037	-194.91	-33.54	-16.89	-9.88	-1.74
-13.0C	10.328	-208.11	-22.96	-21.71	-9.96	-2.72
-14.0C	10.499	-220.73	-10.11	-24.09	-9.87	-3.59
-15.0C	10.533	-233.11	3.23	-24.36	-9.59	-4.36
-16.0C	10.436	-245.59	15.49	-22.76	-9.13	-5.06
-17.0D	10.226	-258.45	25.01	-19.46	-8.48	-5.71
-18.0D	9.939	-271.95	30.45	-14.66	-7.66	-6.33
-19.0	9.617	-286.29	32.01	-8.63	-6.68	-6.92
-20.0	9.291	-301.61	31.65	-1.43	-5.54	-7.46
-21.0	8.970	-318.02	30.89	7.05	-4.23	-7.91
-22.0E	8.665	-335.64	28.20	16.56	-2.73	-8.22
-23.0E	8.415	-354.49	19.22	25.22	-1.09	-8.34
-24.0F	8.300	-374.22	2.23	29.40	0.63	-8.28
-25.0F	8.380	-394.05	-17.70	26.45	2.35	-8.04
-26.0F	8.646	-413.05	-33.18	17.48	3.98	-7.68
-27.0E	9.028	-430.66	-39.87	6.31	5.44	-7.20
-28.0E	9.432	-446.78	-37.83	-3.63	6.70	-6.64
-29.0E	9.782	-461.66	-29.82	-10.82	7.74	-5.99
-30.0E	10.031	-475.68	-18.72	-15.15	8.54	-5.26

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-10.00	0.0	10.00
-1.0	9.928	-14.15	9.21	-8.66	-1.08	9.87
-2.0	9.811	-28.58	13.56	-6.27	-2.17	9.57
-3.0	9.651	-43.42	17.59	-2.69	-3.25	9.09
-4.0C	9.456	-58.85	20.31	2.06	-4.32	8.41
-5.0C	9.246	-74.97	20.13	7.55	-5.36	7.53
-6.0C	9.059	-91.83	15.51	12.70	-6.33	6.48
-7.0D	8.944	-109.27	6.48	15.95	-7.23	5.27
-8.0D	8.935	-126.96	-4.91	16.02	-8.01	3.96
-9.0D	9.042	-144.44	-15.74	12.73	-8.66	2.61
-10.0D	9.247	-161.30	-23.64	6.99	-9.16	1.26
-11.0D	9.512	-177.31	-27.40	0.31	-9.51	-0.05
-12.0D	9.793	-192.40	-26.93	-5.98	-9.71	-1.27
-13.0D	10.050	-206.68	-22.90	-11.08	-9.76	-2.40
-14.0C	10.253	-220.30	-16.36	-14.66	-9.66	-3.43
-15.0C	10.380	-233.49	-8.37	-16.71	-9.42	-4.36
-16.0C	10.422	-246.47	0.08	-17.35	-9.03	-5.20
-17.0D	10.380	-259.45	8.08	-16.68	-8.51	-5.95
-18.0D	10.262	-272.64	14.79	-14.81	-7.83	-6.63
-19.0D	10.084	-286.21	19.54	-11.88	-7.02	-7.24
-20.0	9.870	-300.30	22.10	-8.04	-6.06	-7.79
-21.0	9.639	-315.04	22.78	-3.44	-4.98	-8.26
-22.0	9.408	-330.49	22.16	1.76	-3.76	-8.63
-23.0	9.189	-346.70	20.36	7.35	-2.42	-8.87
-24.0	8.997	-363.67	16.79	12.84	-0.97	-8.95
-25.0E	8.855	-381.31	10.49	17.28	0.55	-8.94
-26.0E	8.793	-399.38	1.41	19.43	2.08	-8.54
-27.0E	8.831	-417.52	-8.90	18.42	3.58	-8.07
-28.0E	8.970	-435.31	-17.93	14.42	4.99	-7.45
-29.0E	9.186	-452.41	-23.65	8.58	6.27	-6.72
-30.0E	9.440	-468.65	-25.27	2.35	7.37	-5.90

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-10.00	0.0	10.00
-1.0	9.928	-14.15	9.08	-8.69	-1.08	9.87
-2.0	9.813	-28.57	13.56	-6.31	-2.17	9.57
-3.0	9.651	-43.42	18.00	-2.65	-3.25	9.09
-4.0C	9.449	-58.85	21.28	2.34	-4.32	8.40
-5.0C	9.227	-75.03	21.41	8.23	-5.35	7.51
-6.0C	9.028	-91.99	16.41	13.77	-6.33	6.44
-7.0D	8.909	-109.58	6.26	17.13	-7.23	5.21
-8.0D	8.909	-127.40	-6.46	16.87	-8.02	3.89
-9.0D	9.038	-144.95	-18.28	12.87	-8.68	2.53
-10.0D	9.271	-161.78	-26.54	6.34	-9.20	1.18
-11.0D	9.564	-177.65	-30.00	-0.96	-9.56	-0.11
-12.0D	9.868	-192.54	-28.69	-7.57	-9.78	-1.31
-13.0C	10.138	-206.58	-23.51	-12.68	-9.85	-2.41
-14.0C	10.340	-219.97	-15.75	-16.07	-9.76	-3.40
-15.0C	10.456	-232.96	-6.68	-17.80	-9.53	-4.30
-16.0C	10.476	-245.78	2.60	-18.02	-9.14	-5.11
-17.0D	10.405	-258.68	11.04	-16.88	-8.61	-5.85
-18.0D	10.257	-271.85	17.65	-14.53	-7.92	-6.52
-19.0D	10.053	-285.48	21.71	-11.16	-7.09	-7.13
-20.0	9.822	-299.69	23.19	-6.98	-6.12	-7.68
-21.0	9.585	-314.59	22.83	-2.21	-5.01	-8.17
-22.0	9.358	-330.22	21.51	3.02	-3.78	-8.56
-23.0	9.148	-346.59	19.47	8.55	-2.42	-8.82
-24.0	8.965	-363.71	15.91	13.94	-0.96	-8.91
-25.0E	8.832	-381.47	9.63	18.24	0.57	-8.81
-26.0E	8.778	-399.64	0.43	20.17	2.12	-8.52
-27.0E	8.827	-417.84	-10.00	18.86	3.63	-8.05
-28.0E	8.978	-435.65	-18.98	14.55	5.04	-7.43
-29.0E	9.203	-452.72	-24.39	8.50	6.31	-6.70
-30.0E	9.462	-468.91	-25.50	2.23	7.41	-5.88

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-10.00	0.0	10.00
-1.0	9.929	-14.15	8.96	-8.72	-1.08	9.87
-2.0	9.815	-28.57	13.56	-6.35	-2.17	9.57
-3.0	9.651	-43.41	18.40	-2.60	-3.25	9.09
-4.0C	9.442	-58.86	22.24	2.62	-4.32	8.40
-5.0C	9.208	-75.09	22.67	8.90	-5.35	7.49
-6.0C	8.998	-92.16	17.21	14.81	-6.33	6.40
-7.0D	8.876	-109.89	5.87	18.24	-7.23	5.15
-8.0D	8.887	-127.83	-8.18	17.58	-8.02	3.82
-9.0D	9.039	-145.42	-20.89	12.84	-8.70	2.46
-10.0D	9.300	-162.19	-29.38	5.53	-9.23	1.12
-11.0D	9.621	-177.92	-32.37	-2.31	-9.62	-0.15
-12.0C	9.944	-192.60	-30.05	-9.11	-9.85	-1.33
-13.0C	10.221	-206.42	-23.61	-14.12	-9.94	-2.40
-14.0C	10.418	-219.60	-14.63	-17.23	-9.86	-3.37
-15.0C	10.517	-232.42	-4.52	-18.56	-9.63	-4.24
-16.0C	10.511	-245.14	5.48	-18.33	-9.23	-5.03
-17.0D	10.409	-258.00	14.18	-16.68	-8.68	-5.75
-18.0D	10.230	-271.22	20.42	-13.82	-7.97	-6.41
-19.0D	10.002	-284.96	23.48	-10.01	-7.11	-7.03
-20.0	9.759	-299.36	23.67	-5.57	-6.12	-7.60
-21.0	9.524	-314.46	22.21	-0.73	-5.00	-8.11
-22.0	9.306	-330.28	20.28	4.41	-3.75	-8.52
-23.0	9.110	-346.82	18.08	9.74	-2.38	-8.79
-24.0	8.941	-364.07	14.61	14.90	-0.90	-8.90
-25.0E	8.820	-381.92	8.47	18.93	0.64	-8.80
-26.0E	8.778	-400.14	-0.61	20.57	2.19	-8.50
-27.0E	8.837	-418.35	-10.89	18.98	3.70	-8.02
-28.0E	8.995	-436.13	-19.59	14.49	5.11	-7.40
-29.0E	9.225	-453.15	-24.57	8.41	6.38	-6.66
-30.0E	9.483	-469.30	-25.17	2.24	7.47	-5.84

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-10.00	0.0	10.00
-1.0	9.930	-14.15	8.83	-8.75	-1.08	9.87
-2.0	9.816	-28.56	13.56	-6.39	-2.16	9.57
-3.0	9.651	-43.40	18.80	-2.56	-3.25	9.09
-4.0C	9.435	-58.86	23.19	2.90	-4.32	8.39
-5.0C	9.189	-75.15	23.91	9.57	-5.35	7.47
-6.0D	8.969	-92.32	17.93	15.84	-6.33	6.36
-7.0D	8.845	-110.18	5.33	19.28	-7.23	5.10
-8.0D	8.869	-128.24	-10.03	18.17	-8.04	3.75
-9.0D	9.044	-145.86	-23.55	12.66	-8.72	2.39
-10.0D	9.334	-162.56	-32.13	4.61	-9.27	1.06
-11.0D	9.680	-178.12	-34.48	-3.68	-9.68	-0.19
-12.0C	10.019	-192.60	-31.00	-10.57	-9.93	-1.34
-13.0C	10.299	-206.20	-23.25	-15.40	-10.02	-2.38
-14.0C	10.486	-219.21	-13.06	-18.15	-9.95	-3.32
-15.0C	10.564	-231.90	-1.99	-19.05	-9.71	-4.17
-16.0C	10.529	-244.55	8.61	-18.32	-9.30	-4.94
-17.0D	10.394	-257.42	17.37	-16.14	-8.72	-5.65
-18.0D	10.184	-270.74	22.92	-12.77	-7.99	-6.32
-19.0D	9.938	-284.65	24.69	-8.58	-7.11	-6.95
-20.0	9.690	-299.26	23.47	-3.96	-6.09	-7.54
-21.0	9.462	-314.58	21.00	0.83	-4.95	-8.06
-22.0	9.260	-330.59	18.62	5.75	-3.68	-8.50
-23.0	9.080	-347.28	16.40	10.79	-2.30	-8.78
-24.0	8.928	-364.63	13.15	15.61	-0.81	-8.89
-25.0E	8.820	-382.53	7.32	19.33	0.73	-8.79
-26.0E	8.788	-400.76	-1.43	20.71	2.29	-8.49
-27.0E	8.854	-418.94	-11.36	18.97	3.79	-8.00
-28.0E	9.015	-436.67	-19.68	14.45	5.19	-7.37
-29.0E	9.243	-453.66	-24.27	8.47	6.45	-6.62
-30.0E	9.496	-469.79	-24.50	2.50	7.53	-5.78

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-5.00	0.0	10.00
-1.0	9.940	-14.44	6.74	-3.88	-1.13	9.88
-2.0	9.861	-29.07	8.71	-2.23	-2.26	9.60
-3.0	9.762	-43.98	10.68	0.01	-3.38	9.16
-4.0	9.645	-59.24	12.15	2.84	-4.47	8.55
-5.0C	9.518	-74.91	12.37	6.07	-5.51	7.76
-6.0C	9.399	-91.02	10.51	9.24	-6.48	6.81
-7.0C	9.311	-107.50	6.14	11.63	-7.35	5.72
-8.0C	9.280	-124.21	-0.30	12.49	-8.11	4.51
-9.0D	9.320	-140.9C	-7.50	11.42	-8.74	3.23
-10.0D	9.431	-157.32	-13.90	8.55	-9.23	1.93
-11.0D	9.597	-173.26	-18.26	4.49	-9.58	0.63
-12.0D	9.795	-188.59	-19.98	0.05	-9.78	-0.63
-13.0C	9.997	-203.29	-19.07	-4.10	-9.83	-1.81
-14.0C	10.178	-217.45	-15.97	-7.49	-9.75	-2.92
-15.0C	10.319	-231.15	-11.31	-9.93	-9.53	-3.95
-16.0C	10.406	-244.56	-5.79	-11.37	-9.19	-4.88
-17.0D	10.436	-257.82	-0.06	-11.83	-8.72	-5.74
-18.0D	10.409	-271.08	5.22	-11.42	-8.13	-6.51
-19.0D	10.333	-284.46	9.49	-10.25	-7.41	-7.20
-20.0D	10.220	-298.09	12.35	-8.47	-6.59	-7.82
-21.0D	10.086	-312.05	13.69	-6.25	-5.65	-8.35
-22.0	9.945	-326.37	13.71	-3.79	-4.62	-8.81
-23.0	9.808	-341.09	12.86	-1.22	-3.49	-9.17
-24.0	9.683	-356.20	11.57	1.35	-2.29	-9.41
-25.0	9.572	-371.68	10.10	3.86	-1.01	-9.52
-26.0	9.477	-387.49	8.48	6.24	0.30	-9.47
-27.0	9.400	-403.61	6.52	8.36	1.64	-9.26
-28.0	9.346	-419.98	3.96	10.00	2.96	-8.86
-29.0E	9.321	-436.50	0.71	10.92	4.25	-8.30
-30.0E	9.333	-453.06	-3.04	10.89	5.45	-7.57

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-5.00	0.0	10.00
-1.0	9.941	-14.43	6.61	-3.91	-1.13	9.88
-2.0	9.863	-29.07	8.69	-2.28	-2.26	9.60
-3.0	9.762	-43.97	11.00	0.03	-3.38	9.16
-4.0	9.639	-59.24	12.97	3.05	-4.47	8.54
-5.0C	9.502	-74.96	13.65	6.62	-5.50	7.74
-6.0C	9.369	-91.15	11.88	10.22	-6.47	6.77
-7.0C	9.270	-107.78	6.96	12.97	-7.34	5.66
-8.0D	9.235	-124.66	-0.55	13.91	-8.11	4.42
-9.0D	9.284	-141.52	-8.97	12.54	-8.74	3.13
-10.0D	9.415	-158.04	-16.30	9.08	-9.24	1.81
-11.0D	9.608	-173.99	-21.05	4.34	-9.59	0.51
-12.0D	9.834	-189.25	-22.57	-0.69	-9.81	-0.74
-13.0C	10.059	-203.82	-21.00	-5.20	-9.88	-1.92
-14.0C	10.255	-217.78	-16.95	-8.73	-9.81	-3.00
-15.0C	10.401	-231.28	-11.26	-11.11	-9.60	-4.00
-16.0C	10.483	-244.50	-4.76	-12.35	-9.26	-4.91
-17.0C	10.498	-257.60	1.73	-12.52	-8.79	-5.74
-18.0D	10.450	-270.74	7.45	-11.76	-8.20	-6.48
-19.0D	10.350	-284.07	11.73	-10.22	-7.47	-7.16
-20.0D	10.216	-297.70	14.14	-8.11	-6.64	-7.77
-21.0D	10.068	-311.70	14.66	-5.69	-5.69	-8.31
-22.0	9.922	-326.10	13.76	-3.16	-4.65	-8.77
-23.0	9.789	-340.90	12.12	-0.70	-3.52	-9.14
-24.0	9.674	-356.05	10.35	1.64	-2.31	-9.39
-25.0	9.576	-371.54	8.80	3.85	-1.04	-9.52
-26.0	9.493	-387.33	7.47	5.96	0.27	-9.49
-27.0	9.424	-403.39	6.14	7.93	1.60	-9.29
-28.0	9.369	-419.68	4.43	9.64	2.92	-8.90
-29.0E	9.335	-436.15	2.01	10.86	4.20	-8.34
-30.0E	9.330	-452.71	-1.18	11.33	5.40	-7.61

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-5.00	0.0	10.00
-1.0	9.942	-14.43	6.48	-3.94	-1.13	9.88
-2.0	9.865	-29.06	8.66	-2.32	-2.26	9.60
-3.0	9.763	-43.96	11.31	0.05	-3.38	9.16
-4.0	9.634	-59.24	13.79	3.26	-4.46	8.54
-5.0C	9.486	-75.00	14.93	7.17	-5.50	7.73
-6.0C	9.339	-91.28	13.19	11.20	-6.47	6.74
-7.0C	9.229	-108.05	7.65	14.27	-7.34	5.60
-8.0D	9.193	-125.10	-1.04	15.23	-8.10	4.34
-9.0D	9.253	-142.11	-10.70	13.48	-8.74	3.03
-10.0D	9.407	-158.71	-18.87	9.36	-9.25	1.70
-11.0D	9.628	-174.65	-23.83	3.93	-9.62	0.40
-12.0D	9.881	-189.80	-24.94	-1.60	-9.85	-0.84
-13.0C	10.126	-204.20	-22.50	-6.36	-9.93	-2.00
-14.0C	10.332	-217.98	-17.36	-9.90	-9.87	-3.06
-15.0C	10.476	-231.29	-10.57	-12.11	-9.67	-4.03
-16.0C	10.546	-244.35	-3.12	-13.06	-9.33	-4.92
-17.0C	10.541	-257.33	4.04	-12.86	-8.85	-5.72
-18.0D	10.467	-270.42	10.03	-11.67	-8.25	-6.45
-19.0D	10.342	-283.76	14.04	-9.73	-7.51	-7.11
-20.0D	10.188	-297.46	15.66	-7.30	-6.65	-7.72
-21.0D	10.030	-311.57	15.09	-4.71	-5.69	-8.26
-22.0	9.885	-326.09	13.10	-2.23	-4.63	-8.73
-23.0	9.763	-340.99	10.64	-0.01	-3.49	-9.12
-24.0	9.666	-356.21	8.43	1.94	-2.28	-9.39
-25.0	9.589	-371.70	6.83	3.69	-1.01	-9.54
-26.0	9.524	-387.42	5.86	5.36	0.29	-9.52
-27.0	9.468	-403.36	5.27	7.02	1.61	-9.33
-28.0	9.417	-419.50	4.62	8.67	2.91	-8.96
-29.0E	9.375	-435.83	3.39	10.16	4.17	-8.40
-30.0E	9.351	-452.31	1.19	11.19	5.36	-7.66

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	-5.00	0.0	10.00
-1.0	9.943	-14.43	6.35	-3.97	-1.13	9.88
-2.0	9.867	-29.05	8.63	-2.37	-2.26	9.60
-3.0	9.764	-43.95	11.61	0.06	-3.37	9.16
-4.0	9.629	-59.24	14.60	3.46	-4.46	8.53
-5.0C	9.470	-75.04	16.20	7.72	-5.50	7.71
-6.0C	9.309	-91.41	14.47	12.17	-6.46	6.70
-7.0C	9.190	-108.32	8.19	15.55	-7.33	5.54
-8.0D	9.155	-125.54	-1.76	16.45	-8.10	4.26
-9.0D	9.229	-142.67	-12.65	14.24	-8.75	2.93
-10.0D	9.406	-159.33	-21.56	9.42	-9.27	1.60
-11.0D	9.656	-175.22	-26.54	3.33	-9.65	0.30
-12.0C	9.934	-190.25	-27.02	-2.63	-9.89	-0.92
-13.0C	10.195	-204.48	-23.53	-7.53	-9.99	-2.06
-14.0C	10.405	-218.07	-17.22	-10.96	-9.93	-3.10
-15.0C	10.542	-231.22	-9.33	-12.92	-9.74	-4.04
-16.0C	10.595	-244.14	-1.00	-13.50	-9.39	-4.90
-17.0C	10.565	-257.06	6.70	-12.86	-8.90	-5.69
-18.0D	10.464	-270.14	12.73	-11.23	-8.27	-6.41
-19.0D	10.313	-283.54	16.17	-8.87	-7.51	-7.07
-20.0D	10.143	-297.36	16.70	-6.16	-6.63	-7.67
-21.0	9.980	-311.63	14.84	-3.51	-5.65	-8.23
-22.0	9.844	-326.30	11.73	-1.21	-4.58	-8.71
-23.0	9.740	-341.31	8.51	0.63	-3.43	-9.12
-24.C	9.667	-356.57	5.95	2.04	-2.22	-9.41
-25.C	9.615	-372.02	4.38	3.20	-0.96	-9.57
-26.C	9.574	-387.63	3.80	4.30	0.33	-9.57
-27.0	9.535	-403.37	4.01	5.54	1.62	-9.40
-28.0	9.491	-419.28	4.57	7.02	2.90	-9.04
-29.CE	9.442	-435.38	4.85	8.71	4.14	-8.49
-30.CE	9.395	-451.67	4.13	10.38	5.30	-7.76

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	0.0	0.0	10.00
-1.0	9.953	-14.72	4.23	0.89	-1.18	9.88
-2.0	9.912	-29.56	3.81	1.76	-2.35	9.63
-3.0	9.874	-44.53	3.72	2.67	-3.51	9.23
-4.0	9.836	-59.63	3.81	3.68	-4.62	8.69
-5.0	9.796	-74.85	3.86	4.78	-5.66	7.99
-6.0	9.758	-90.22	3.59	5.90	-6.62	7.16
-7.0C	9.725	-105.72	2.74	6.91	-7.49	6.21
-8.0C	9.704	-121.32	1.14	7.63	-8.23	5.14
-9.0C	9.704	-136.97	-1.16	7.85	-8.85	3.98
-10.0C	9.730	-152.59	-3.91	7.41	-9.33	2.77
-11.0C	9.784	-168.09	-6.67	6.31	-9.67	1.52
-12.0C	9.864	-183.38	-8.98	4.62	-9.86	0.27
-13.0C	9.965	-198.40	-10.49	2.57	-9.92	-0.97
-14.0C	10.076	-213.10	-10.99	0.38	-9.84	-2.16
-15.0C	10.186	-227.48	-10.46	-1.72	-9.64	-3.29
-16.0C	10.287	-241.56	-9.04	-3.54	-9.32	-4.35
-17.0D	10.369	-255.40	-6.95	-4.99	-8.90	-5.33
-18.0D	10.427	-269.04	-4.48	-6.01	-8.37	-6.23
-19.0D	10.460	-282.57	-1.92	-6.61	-7.74	-7.04
-20.0D	10.467	-296.04	0.44	-6.83	-7.03	-7.76
-21.0D	10.452	-309.51	2.39	-6.72	-6.23	-8.39
-22.0D	10.420	-323.04	3.79	-6.37	-5.37	-8.93
-23.0D	10.377	-336.66	4.60	-5.86	-4.43	-9.38
-24.0D	10.328	-350.38	4.90	-5.28	-3.44	-9.74
-25.0	10.278	-364.22	4.86	-4.66	-2.41	-9.99
-26.0	10.229	-378.18	4.67	-4.03	-1.33	-10.14
-27.0	10.182	-392.26	4.55	-3.38	-0.24	-10.18
-28.0	10.135	-406.46	4.63	-2.66	0.88	-10.10
-29.0	10.086	-420.78	5.02	-1.81	1.99	-9.89
-30.0	10.032	-435.25	5.74	-0.73	3.09	-9.54

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	0.0	0.0	10.00
-1.0	9.954	-14.72	4.10	0.86	-1.18	9.88
-2.0	9.914	-29.56	3.76	1.71	-2.35	9.63
-3.0	9.875	-44.52	3.94	2.66	-3.51	9.23
-4.0	9.832	-59.62	4.44	3.81	-4.61	8.68
-5.0	9.784	-74.87	4.94	5.17	-5.66	7.98
-6.0C	9.733	-90.31	5.02	6.66	-6.62	7.14
-7.0C	9.685	-105.92	4.24	8.10	-7.48	6.15
-8.0C	9.650	-121.70	2.29	9.19	-8.22	5.05
-9.0C	9.642	-137.56	-0.80	9.61	-8.83	3.87
-10.0C	9.669	-153.40	-4.61	9.12	-9.31	2.62
-11.0C	9.736	-169.10	-8.44	7.68	-9.64	1.34
-12.0C	9.839	-184.53	-11.56	5.45	-9.84	0.07
-13.0C	9.968	-199.59	-13.44	2.76	-9.90	-1.17
-14.0C	10.109	-214.26	-13.85	-0.01	-9.83	-2.36
-15.0C	10.246	-228.52	-12.82	-2.55	-9.64	-3.48
-16.0C	10.367	-242.43	-10.62	-4.65	-9.33	-4.52
-17.0C	10.461	-256.05	-7.60	-6.20	-8.91	-5.48
-18.0C	10.521	-269.47	-4.20	-7.17	-8.39	-6.34
-19.0D	10.547	-282.79	-0.84	-7.60	-7.78	-7.12
-20.0D	10.540	-296.08	2.09	-7.56	-7.07	-7.82
-21.0D	10.507	-309.42	4.28	-7.16	-6.28	-8.42
-22.0D	10.455	-322.85	5.56	-6.54	-5.41	-8.95
-23.0D	10.396	-336.42	5.94	-5.81	-4.48	-9.38
-24.0D	10.336	-350.13	5.61	-5.11	-3.49	-9.73
-25.0	10.283	-363.97	4.86	-4.49	-2.45	-9.99
-26.0	10.237	-377.93	4.03	-3.99	-1.38	-10.14
-27.0	10.200	-391.98	3.38	-3.58	-0.29	-10.20
-28.0	10.167	-406.12	3.15	-3.18	0.82	-10.13
-29.0	10.133	-420.33	3.45	-2.68	1.92	-9.95
-30.0	10.094	-434.65	4.33	-1.96	3.01	-9.64

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	0.0	0.0	10.00
-1.0	9.955	-14.71	3.97	0.82	-1.18	9.88
-2.0	9.916	-29.55	3.71	1.66	-2.35	9.63
-3.0	9.876	-44.51	4.16	2.66	-3.50	9.23
-4.0	9.830	-59.61	5.07	3.94	-4.61	8.68
-5.0	9.773	-74.89	6.03	5.55	-5.65	7.97
-6.0C	9.708	-90.39	6.47	7.42	-6.61	7.11
-7.0C	9.644	-106.13	5.71	9.29	-7.47	6.10
-8.0C	9.597	-122.07	3.30	10.74	-8.21	4.97
-9.0C	9.583	-138.14	-0.73	11.31	-8.82	3.75
-10.0C	9.615	-154.19	-5.72	10.65	-9.29	2.47
-11.0C	9.699	-170.06	-10.61	8.75	-9.63	1.18
-12.0C	9.829	-185.57	-14.40	5.89	-9.83	-0.11
-13.0C	9.988	-200.64	-16.40	2.57	-9.90	-1.36
-14.0C	10.157	-215.22	-16.41	-0.71	-9.83	-2.54
-15.0C	10.317	-229.33	-14.59	-3.57	-9.65	-3.64
-16.0C	10.451	-243.04	-11.39	-5.77	-9.36	-4.66
-17.0C	10.547	-256.46	-7.33	-7.25	-8.95	-5.59
-18.0C	10.600	-269.70	-3.00	-8.01	-8.43	-6.42
-19.0D	10.609	-282.86	1.05	-8.13	-7.81	-7.18
-20.0D	10.581	-296.04	4.31	-7.74	-7.10	-7.84
-21.0D	10.525	-309.33	6.41	-6.99	-6.30	-8.43
-22.0D	10.454	-322.77	7.19	-6.08	-5.42	-8.94
-23.0D	10.382	-336.38	6.78	-5.19	-4.48	-9.37
-24.0D	10.319	-350.16	5.52	-4.48	-3.48	-9.72
-25.0	10.270	-364.06	3.89	-4.02	-2.43	-9.98
-26.0	10.239	-378.04	2.32	-3.83	-1.36	-10.15
-27.0	10.222	-392.07	1.16	-3.85	-0.27	-10.22
-28.0	10.213	-406.12	0.62	-3.96	0.82	-10.18
-29.0	10.206	-420.18	0.84	-4.03	1.91	-10.03
-30.0	10.193	-434.25	1.84	-3.89	2.97	-9.75

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	0.0	0.0	10.00
-1.0	9.956	-14.71	3.83	0.79	-1.18	9.89
-2.0	9.918	-29.54	3.66	1.61	-2.35	9.64
-3.0	9.878	-44.50	4.36	2.64	-3.50	9.24
-4.0	9.827	-59.60	5.69	4.06	-4.61	8.68
-5.0	9.761	-74.91	7.12	5.94	-5.65	7.96
-6.0C	9.683	-90.48	7.91	8.19	-6.61	7.08
-7.0C	9.605	-106.33	7.13	10.48	-7.46	6.05
-8.0C	9.545	-122.45	4.14	12.27	-8.20	4.89
-9.0C	9.527	-138.72	-0.98	12.91	-8.80	3.64
-10.0C	9.569	-154.96	-7.22	11.98	-9.28	2.34
-11.0D	9.674	-170.96	-13.12	9.51	-9.62	1.02
-12.0C	9.832	-186.52	-17.36	5.97	-9.83	-0.27
-13.0C	10.021	-201.54	-19.20	2.05	-9.91	-1.52
-14.0C	10.216	-215.99	-18.53	-1.62	-9.86	-2.69
-15.0C	10.392	-229.93	-15.70	-4.64	-9.68	-3.77
-16.0C	10.532	-243.45	-11.38	-6.80	-9.39	-4.76
-17.0C	10.622	-256.69	-6.26	-8.07	-8.99	-5.66
-18.0C	10.660	-269.78	-1.08	-8.50	-8.47	-6.47
-19.0C	10.647	-282.85	3.47	-8.23	-7.84	-7.20
-20.0D	10.593	-296.00	6.78	-7.43	-7.12	-7.85
-21.0D	10.514	-309.32	8.42	-6.33	-6.30	-8.42
-22.0D	10.427	-322.84	8.33	-5.19	-5.40	-8.92
-23.0D	10.348	-336.55	6.82	-4.25	-4.44	-9.35
-24.0D	10.290	-350.43	4.48	-3.68	-3.42	-9.70
-25.0	10.257	-364.40	1.93	-3.56	-2.37	-9.98
-26.0	10.249	-378.40	-0.31	-3.86	-1.30	-10.17
-27.0	10.261	-392.37	-1.91	-4.47	-0.22	-10.26
-28.0	10.286	-406.27	-2.68	-5.25	0.86	-10.25
-29.0	10.313	-420.08	-2.56	-6.02	1.91	-10.13
-30.0	10.335	-433.81	-1.53	-6.62	2.93	-9.91

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	5.00	0.0	10.00
-1.0	9.966	-15.00	1.67	5.64	-1.23	9.89
-2.0	9.964	-30.05	-1.14	5.70	-2.45	9.66
-3.0	9.987	-45.07	-3.27	5.30	-3.63	9.30
-4.0	10.028	-60.00	-4.66	4.58	-4.76	8.83
-5.0	10.080	-74.79	-5.28	3.71	-5.82	8.23
-6.0	10.134	-89.45	-5.18	2.84	-6.78	7.53
-7.0	10.184	-103.96	-4.43	2.10	-7.64	6.74
-8.0	10.223	-118.36	-3.16	1.60	-8.38	5.85
-9.0	10.247	-132.68	-1.55	1.40	-9.00	4.89
-10.0	10.254	-146.97	0.20	1.54	-9.50	3.86
-11.0C	10.244	-161.29	1.81	2.00	-9.86	2.78
-12.0C	10.219	-175.67	2.99	2.73	-10.09	1.64
-13.0C	10.185	-190.14	3.44	3.59	-10.17	0.48
-14.0C	10.151	-204.73	2.96	4.41	-10.13	-0.71
-15.0C	10.128	-219.41	1.48	4.97	-9.95	-1.89
-16.0D	10.124	-234.14	-0.83	5.08	-9.65	-3.06
-17.0D	10.146	-248.84	-3.59	4.61	-9.24	-4.18
-18.0D	10.197	-263.43	-6.37	3.54	-8.74	-5.26
-19.0D	10.275	-277.83	-8.72	1.98	-8.15	-6.26
-20.0D	10.373	-291.98	-10.33	0.08	-7.49	-7.18
-21.0D	10.483	-305.84	-11.02	-1.96	-6.78	-8.00
-22.0D	10.595	-319.40	-10.76	-3.93	-6.02	-8.72
-23.0D	10.700	-332.68	-9.62	-5.71	-5.23	-9.33
-24.0D	10.790	-345.70	-7.79	-7.19	-4.41	-9.85
-25.0D	10.858	-358.54	-5.47	-8.32	-3.58	-10.25
-26.0D	10.901	-371.23	-2.90	-9.08	-2.72	-10.56
-27.0D	10.917	-383.84	-0.29	-9.48	-1.85	-10.76
-28.0D	10.907	-396.44	2.17	-9.54	-0.96	-10.87
-29.0D	10.874	-409.08	4.34	-9.30	-0.06	-10.87
-30.0D	10.820	-421.81	6.15	-8.77	0.85	-10.79

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	5.00	0.0	10.00
-1.0	9.967	-15.00	1.54	5.60	-1.23	9.89
-2.0	9.966	-30.04	-1.22	5.64	-2.45	9.66
-3.0	9.989	-45.06	-3.15	5.27	-3.63	9.31
-4.0	10.028	-59.98	-4.25	4.64	-4.76	8.83
-5.0	10.073	-74.79	-4.55	3.92	-5.81	8.23
-6.0	10.118	-89.48	-4.12	3.28	-6.77	7.52
-7.0	10.156	-104.07	-3.09	2.83	-7.63	6.70
-8.0	10.180	-118.58	-1.63	2.67	-8.37	5.80
-9.0	10.188	-133.06	0.04	2.84	-8.98	4.80
-10.0C	10.180	-147.56	1.62	3.35	-9.47	3.74
-11.0C	10.157	-162.13	2.78	4.13	-9.82	2.61
-12.0C	10.125	-176.80	3.16	5.03	-10.02	1.43
-13.CC	10.095	-191.57	2.51	5.86	-10.09	0.22
-14.0C	10.078	-206.43	0.75	6.36	-10.03	-1.00
-15.0C	10.083	-221.31	-1.90	6.32	-9.84	-2.21
-16.0D	10.118	-236.14	-5.00	5.62	-9.53	-3.39
-17.0D	10.185	-250.82	-8.01	4.27	-9.13	-4.52
-18.0D	10.280	-265.26	-10.42	2.39	-8.63	-5.58
-19.0D	10.395	-279.40	-11.90	0.22	-8.07	-6.56
-20.0D	10.520	-293.21	-12.28	-2.01	-7.44	-7.44
-21.0D	10.643	-306.70	-11.58	-4.09	-6.76	-8.22
-22.0D	10.753	-319.88	-9.94	-5.89	-6.04	-8.90
-23.0D	10.844	-332.82	-7.62	-7.31	-5.28	-9.47
-24.0D	10.908	-345.56	-4.89	-8.32	-4.49	-9.94
-25.0D	10.943	-358.19	-2.05	-8.93	-3.67	-10.31
-26.0D	10.950	-370.76	0.63	-9.18	-2.82	-10.58
-27.0D	10.932	-383.33	2.93	-9.11	-1.95	-10.76
-28.0D	10.892	-395.96	4.72	-8.80	-1.05	-10.84
-29.0D	10.837	-408.69	5.94	-8.30	-0.14	-10.84
-30.0D	10.772	-421.54	6.68	-7.66	0.79	-10.74

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	5.00	0.0	10.00
-1.0	9.968	-15.00	1.40	5.57	-1.23	9.89
-2.0	9.968	-30.04	-1.30	5.59	-2.45	9.66
-3.0	9.991	-45.04	-3.04	5.23	-3.63	9.31
-4.0	10.027	-59.97	-3.86	4.68	-4.76	8.83
-5.0	10.067	-74.79	-3.82	4.13	-5.81	8.22
-6.0	10.103	-89.52	-3.05	3.72	-6.77	7.50
-7.0	10.128	-104.17	-1.72	3.58	-7.62	6.67
-8.0	10.137	-118.80	-0.05	3.78	-8.36	5.74
-9.0	10.129	-133.44	1.64	4.35	-8.96	4.72
-10.0C	10.105	-148.16	2.97	5.23	-9.44	3.61
-11.0C	10.071	-162.99	3.48	6.28	-9.77	2.44
-12.0C	10.037	-177.94	2.82	7.27	-9.96	1.22
-13.0C	10.018	-192.99	0.85	7.89	-10.02	-0.03
-14.0C	10.024	-208.08	-2.22	7.88	-9.94	-1.28
-15.0D	10.065	-223.09	-5.83	7.07	-9.75	-2.51
-16.0D	10.143	-237.93	-9.31	5.49	-9.45	-3.70
-17.0D	10.253	-252.50	-12.04	3.32	-9.05	-4.82
-18.0D	10.385	-266.72	-13.58	0.85	-8.58	-5.86
-19.0D	10.526	-280.56	-13.78	-1.62	-8.03	-6.80
-20.0D	10.662	-294.04	-12.69	-3.87	-7.43	-7.65
-21.0D	10.782	-307.19	-10.55	-5.72	-6.77	-8.39
-22.0D	10.876	-320.09	-7.69	-7.11	-6.07	-9.02
-23.0D	10.938	-332.80	-4.48	-8.02	-5.33	-9.55
-24.0D	10.967	-345.40	-1.29	-8.49	-4.54	-9.98
-25.0D	10.966	-357.97	1.54	-8.57	-3.71	-10.32
-26.0D	10.938	-370.56	3.73	-8.36	-2.85	-10.56
-27.0D	10.892	-383.23	5.13	-7.96	-1.96	-10.71
-28.0D	10.836	-396.01	5.74	-7.46	-1.04	-10.79
-29.0D	10.777	-408.90	5.70	-6.95	-0.09	-10.78
-30.0	10.721	-421.92	5.24	-6.49	0.86	-10.69

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	5.00	0.0	10.00
-1.0	9.969	-14.99	1.27	5.54	-1.23	9.89
-2.0	9.970	-30.03	-1.38	5.53	-2.45	9.67
-3.0	9.993	-45.03	-2.94	5.19	-3.63	9.31
-4.0	10.027	-59.95	-3.47	4.72	-4.75	8.83
-5.0	10.061	-74.79	-3.10	4.32	-5.80	8.22
-6.0	10.088	-89.55	-1.97	4.15	-6.76	7.49
-7.0	10.100	-104.27	-0.31	4.33	-7.61	6.64
-8.0	10.093	-119.02	1.57	4.92	-8.34	5.68
-9.0C	10.068	-133.84	3.24	5.90	-8.94	4.63
-10.0C	10.030	-148.78	4.16	7.15	-9.40	3.48
-11.0C	9.987	-163.87	3.81	8.42	-9.73	2.27
-12.0C	9.957	-179.09	1.86	9.36	-9.91	1.01
-13.0C	9.954	-194.39	-1.54	9.59	-9.95	-0.27
-14.0C	9.991	-209.64	-5.79	8.87	-9.87	-1.54
-15.0D	10.073	-224.71	-10.01	7.20	-9.68	-2.79
-16.0D	10.193	-239.48	-13.38	4.78	-9.39	-3.97
-17.0D	10.341	-253.86	-15.31	1.99	-9.01	-5.07
-18.0C	10.501	-267.82	-15.58	-0.81	-8.56	-6.09
-19.0C	10.655	-281.36	-14.26	-3.30	-8.03	-7.00
-20.0C	10.788	-294.55	-11.68	-5.30	-7.45	-7.80
-21.0C	10.891	-307.45	-8.25	-6.73	-6.81	-8.50
-22.0C	10.956	-320.15	-4.46	-7.60	-6.11	-9.10
-23.0D	10.982	-332.75	-0.78	-7.95	-5.36	-9.59
-24.0D	10.974	-345.33	2.34	-7.88	-4.55	-9.98
-25.0D	10.937	-357.96	4.56	-7.50	-3.70	-10.29
-26.0D	10.884	-370.69	5.69	-6.97	-2.81	-10.51
-27.0D	10.825	-383.54	5.74	-6.43	-1.89	-10.66
-28.0D	10.770	-396.50	4.92	-6.01	-0.94	-10.73
-29.0D	10.726	-409.56	3.58	-5.79	0.03	-10.73
-30.0	10.697	-422.69	2.09	-5.79	1.00	-10.65

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	10.00	0.0	10.00
-1.0	9.980	-15.28	-0.94	10.37	-1.28	9.90
-2.0	10.017	-30.53	-6.14	9.60	-2.54	9.69
-3.0	10.102	-45.60	-10.30	7.90	-3.76	9.38
-4.0	10.223	-60.36	-13.21	5.57	-4.91	8.97
-5.0	10.367	-74.74	-14.83	2.94	-5.97	8.47
-6.0	10.522	-88.71	-15.22	0.27	-6.94	7.91
-7.0	10.675	-102.28	-14.53	-2.22	-7.80	7.29
-8.0	10.816	-115.48	-12.93	-4.39	-8.55	6.63
-9.0	10.937	-128.37	-10.56	-6.15	-9.19	5.93
-10.0	11.030	-141.00	-7.57	-7.46	-9.73	5.20
-11.0	11.090	-153.45	-4.07	-8.27	-10.17	4.43
-12.0	11.112	-165.82	-0.14	-8.54	-10.50	3.64
-13.0	11.092	-178.18	4.11	-8.21	-10.73	2.81
-14.0	11.027	-190.64	8.60	-7.22	-10.86	1.93
-15.0	10.916	-203.32	13.10	-5.48	-10.87	1.02
-16.0	10.760	-216.31	17.22	-2.93	-10.76	0.05
-17.0C	10.567	-229.76	20.19	0.42	-10.52	-0.97
-18.0C	10.355	-243.74	20.96	4.35	-10.15	-2.04
-19.0C	10.150	-258.32	18.53	8.34	-9.65	-3.14
-20.0D	9.988	-273.45	12.67	11.61	-9.03	-4.26
-21.0D	9.900	-288.95	4.25	13.32	-8.32	-5.37
-22.0D	9.904	-304.58	-5.13	12.97	-7.53	-6.44
-23.0D	10.002	-320.03	-13.88	10.59	-6.68	-7.44
-24.0D	10.181	-335.03	-20.80	6.70	-5.81	-8.36
-25.0D	10.419	-349.42	-25.24	2.03	-4.95	-9.17
-26.0D	10.688	-363.10	-26.96	-2.67	-4.10	-9.87
-27.0D	10.962	-376.10	-26.09	-6.89	-3.29	-10.46
-28.0D	11.215	-388.47	-23.02	-10.34	-2.53	-10.93
-29.0C	11.427	-400.33	-18.25	-12.94	-1.80	-11.28
-30.0C	11.584	-411.82	-12.34	-14.69	-1.11	-11.53

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	10.00	0.0	10.00
-1.0	9.981	-15.28	-1.07	10.33	-1.28	9.90
-2.0	10.019	-30.52	-6.25	9.54	-2.54	9.69
-3.0	10.104	-45.58	-10.28	7.84	-3.76	9.38
-4.0	10.225	-60.33	-13.05	5.54	-4.91	8.97
-5.0	10.367	-74.72	-14.55	2.97	-5.97	8.48
-6.0	10.518	-88.70	-14.87	0.37	-6.93	7.91
-7.0	10.668	-102.28	-14.16	-2.06	-7.79	7.29
-8.0	10.805	-115.51	-12.57	-4.17	-8.54	6.62
-9.0	10.922	-128.43	-10.25	-5.89	-9.18	5.91
-10.0	11.012	-141.10	-7.31	-7.16	-9.72	5.17
-11.0	11.070	-153.60	-3.83	-7.93	-10.16	4.40
-12.0	11.089	-166.02	0.12	-8.15	-10.49	3.59
-13.0	11.066	-178.44	4.47	-7.74	-10.72	2.75
-14.0	10.996	-190.97	9.15	-6.63	-10.84	1.87
-15.0	10.878	-203.73	13.92	-4.71	-10.84	0.93
-16.0	10.713	-216.85	18.27	-1.90	-10.71	-0.05
-17.0C	10.509	-230.44	21.24	1.76	-10.45	-1.09
-18.0C	10.288	-244.62	21.48	5.98	-10.05	-2.18
-19.0D	10.083	-259.41	17.88	10.05	-9.53	-3.30
-20.0D	9.935	-274.74	10.50	13.03	-8.89	-4.44
-21.0D	9.877	-290.38	0.74	14.06	-8.16	-5.56
-22.0D	9.922	-306.03	-9.45	12.75	-7.37	-6.64
-23.0D	10.066	-321.36	-18.36	9.37	-6.55	-7.65
-24.0D	10.289	-336.12	-24.84	4.69	-5.71	-8.56
-25.0D	10.564	-350.16	-28.35	-0.43	-4.89	-9.36
-26.0D	10.858	-363.45	-28.78	-5.23	-4.11	-10.05
-27.0D	11.143	-376.03	-26.41	-9.27	-3.36	-10.62
-28.0C	11.391	-388.02	-21.81	-12.35	-2.65	-11.08
-29.0C	11.583	-399.55	-15.66	-14.49	-1.98	-11.41
-30.0C	11.708	-410.77	-8.61	-15.73	-1.34	-11.63

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	10.00	0.0	10.00
-1.0	9.981	-15.28	-1.20	10.30	-1.28	9.90
-2.0	10.021	-30.52	-6.36	9.47	-2.54	9.69
-3.0	10.107	-45.56	-10.28	7.77	-3.76	9.38
-4.0	10.227	-60.31	-12.90	5.51	-4.91	8.97
-5.0	10.367	-74.69	-14.28	2.98	-5.97	8.48
-6.0	10.515	-88.68	-14.52	0.45	-6.93	7.91
-7.0	10.661	-102.28	-13.78	-1.91	-7.78	7.28
-8.0	10.794	-115.53	-12.19	-3.96	-8.53	6.61
-9.0	10.907	-128.48	-9.89	-5.62	-9.18	5.90
-10.0	10.994	-141.19	-6.96	-6.84	-9.72	5.15
-11.0	11.048	-153.74	-3.48	-7.55	-10.15	4.37
-12.0	11.063	-166.22	0.53	-7.69	-10.48	3.55
-13.0	11.035	-178.71	5.03	-7.19	-10.70	2.69
-14.0	10.959	-191.33	9.93	-5.91	-10.81	1.79
-15.0	10.832	-204.20	14.97	-3.75	-10.80	0.84
-16.0C	10.655	-217.46	19.49	-0.62	-10.65	-0.17
-17.0C	10.439	-231.24	22.23	3.39	-10.37	-1.23
-18.0C	10.212	-245.65	21.55	7.84	-9.94	-2.34
-19.0D	10.014	-260.68	16.39	11.85	-9.39	-3.49
-20.0D	9.890	-276.21	7.33	14.30	-8.73	-4.64
-21.0D	9.871	-291.95	-3.65	14.39	-8.00	-5.78
-22.0D	9.964	-307.55	-14.33	11.97	-7.22	-6.86
-23.0D	10.157	-322.69	-22.99	7.61	-6.43	-7.86
-24.0D	10.423	-337.13	-28.60	2.28	-5.63	-8.77
-25.0D	10.730	-350.77	-30.73	-3.05	-4.87	-9.56
-26.0D	11.040	-363.64	-29.46	-7.70	-4.14	-10.23
-27.0C	11.322	-375.82	-25.33	-11.34	-3.45	-10.78
-28.0C	11.551	-387.46	-19.13	-13.90	-2.80	-11.21
-29.0C	11.709	-398.72	-11.69	-15.46	-2.17	-11.51
-30.0C	11.788	-409.77	-3.71	-16.10	-1.55	-11.69

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	10.00	0.0	10.00
-1.0	9.982	-15.27	-1.34	10.27	-1.28	9.90
-2.0	10.023	-30.51	-6.47	9.41	-2.54	9.70
-3.0	10.110	-45.55	-10.28	7.71	-3.76	9.39
-4.0	10.229	-60.29	-12.78	5.47	-4.90	8.98
-5.0	10.367	-74.66	-14.04	2.99	-5.96	8.48
-6.0	10.512	-88.65	-14.19	0.52	-6.92	7.91
-7.0	10.654	-102.27	-13.40	-1.77	-7.78	7.28
-8.0	10.784	-115.54	-11.80	-3.76	-8.53	6.60
-9.0	10.893	-128.52	-9.49	-5.36	-9.17	5.88
-10.0	10.976	-141.28	-6.55	-6.51	-9.71	5.12
-11.0	11.025	-153.88	-3.02	-7.14	-10.14	4.33
-12.0	11.035	-166.42	1.10	-7.19	-10.46	3.50
-13.0	11.001	-178.99	5.79	-6.53	-10.68	2.63
-14.0	10.915	-191.71	10.95	-5.05	-10.78	1.71
-15.0	10.776	-204.71	16.26	-2.60	-10.75	0.74
-16.0C	10.585	-218.15	20.82	0.90	-10.58	-0.29
-17.0C	10.358	-232.15	23.03	5.28	-10.27	-1.38
-18.0C	10.129	-246.82	20.98	9.89	-9.81	-2.52
-19.0D	9.946	-262.11	13.93	13.62	-9.23	-3.69
-20.0D	9.857	-277.81	3.16	15.27	-8.57	-4.87
-21.0D	9.886	-293.60	-8.79	14.20	-7.85	-6.01
-22.0D	10.032	-309.08	-19.54	10.60	-7.09	-7.10
-23.0D	10.276	-323.94	-27.49	5.36	-6.33	-8.10
-24.0D	10.582	-337.99	-31.73	-0.38	-5.59	-8.99
-25.0D	10.911	-351.21	-32.00	-5.65	-4.88	-9.76
-26.0C	11.224	-363.66	-28.72	-9.90	-4.21	-10.41
-27.0C	11.489	-375.48	-22.75	-12.97	-3.57	-10.92
-28.0C	11.684	-386.84	-15.08	-14.90	-2.96	-11.30
-29.0C	11.795	-397.91	-6.58	-15.81	-2.35	-11.56
-30.0C	11.818	-408.88	2.01	-15.80	-1.73	-11.69

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	15.00	0.0	10.00
-1.0	9.993	-15.56	-3.58	15.08	-1.33	9.90
-2.0	10.070	-31.01	-11.20	13.45	-2.64	9.72
-3.0	10.217	-46.11	-17.34	10.47	-3.89	9.45
-4.0	10.419	-60.70	-21.77	6.65	-5.06	9.11
-5.0	10.657	-74.69	-24.51	2.48	-6.13	8.71
-6.0	10.915	-88.03	-25.72	-1.65	-7.10	8.29
-7.0	11.178	-100.74	-25.61	-5.49	-7.96	7.85
-8.0	11.435	-112.86	-24.38	-8.92	-8.71	7.41
-9.0	11.674	-124.46	-22.15	-11.88	-9.36	6.98
-10.0B	11.885	-135.60	-19.04	-14.35	-9.91	6.56
-11.0B	12.061	-146.37	-15.18	-16.32	-10.38	6.15
-12.0B	12.193	-156.86	-10.72	-17.81	-10.76	5.74
-13.0B	12.278	-167.15	-5.82	-18.82	-11.07	5.32
-14.0B	12.312	-177.33	-0.68	-19.34	-11.30	4.89
-15.0B	12.292	-187.49	4.50	-19.38	-11.46	4.44
-16.0B	12.220	-197.72	9.60	-18.94	-11.56	3.95
-17.0	12.096	-208.10	14.51	-18.00	-11.61	3.41
-18.0	11.924	-218.73	19.27	-16.53	-11.59	2.82
-19.0	11.703	-229.70	23.99	-14.42	-11.50	2.15
-20.0	11.433	-241.15	28.83	-11.46	-11.35	1.41
-21.0	11.113	-253.19	33.73	-7.36	-11.10	0.57
-22.0	10.745	-266.03	37.89	-1.84	-10.74	-0.37
-23.0C	10.347	-279.82	39.31	5.14	-10.25	-1.42
-24.0D	9.960	-294.74	35.28	12.93	-9.63	-2.56
-25.0D	9.648	-310.74	24.73	19.92	-8.88	-3.77
-26.0	9.470	-327.58	9.53	24.11	-8.04	-5.00
-27.0	9.457	-344.74	-7.01	24.17	-7.12	-6.22
-28.0	9.608	-361.63	-21.99	20.10	-6.16	-7.37
-29.0	9.895	-377.75	-33.54	13.14	-5.19	-8.42
-30.0D	10.279	-392.79	-40.77	5.06	-4.27	-9.35

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	15.00	C.0	10.00
-1.0	9.994	-15.56	-3.72	15.05	-1.33	9.91
-2.0	10.072	-31.00	-11.33	13.38	-2.64	9.72
-3.0	10.221	-46.09	-17.43	10.38	-3.89	9.45
-4.0	10.423	-60.67	-21.87	6.54	-5.06	9.11
-5.C	10.663	-74.65	-24.70	2.35	-6.13	8.72
-6.0	10.924	-87.97	-26.13	-1.85	-7.10	8.31
-7.0	11.193	-100.65	-26.34	-5.80	-7.95	7.88
-8.0	11.459	-112.72	-25.47	-9.37	-8.71	7.45
-9.0	11.710	-124.25	-23.60	-12.50	-9.36	7.04
-10.0B	11.938	-135.29	-20.78	-15.16	-9.92	6.64
-11.0B	12.132	-145.94	-17.09	-17.34	-10.39	6.26
-12.0B	12.285	-156.27	-12.66	-19.03	-10.78	5.89
-13.0B	12.389	-166.38	-7.68	-20.23	-11.09	5.52
-14.0B	12.441	-176.34	-2.36	-20.94	-11.33	5.14
-15.0B	12.437	-186.26	3.06	-21.15	-11.50	4.74
-16.0B	12.379	-196.21	8.36	-20.88	-11.61	4.31
-17.0B	12.267	-206.29	13.41	-20.14	-11.65	3.83
-18.C	12.106	-216.59	18.16	-18.93	-11.65	3.30
-19.C	11.896	-227.19	22.78	-17.16	-11.59	2.70
-20.0	11.639	-238.21	27.53	-14.67	-11.46	2.02
-21.C	11.332	-249.76	32.72	-11.18	-11.26	1.25
-22.0	10.969	-262.03	38.17	-6.27	-10.96	0.38
-23.0C	10.555	-275.22	42.42	0.42	-10.54	-0.60
-24.0C	10.116	-289.54	42.22	8.71	-9.97	-1.70
-25.0D	9.717	-305.13	34.46	17.34	-9.27	-2.90
-26.0	9.436	-321.84	19.67	24.03	-8.47	-4.16
-27.0	9.326	-339.25	1.58	26.63	-7.58	-5.44
-28.0	9.402	-356.69	-16.05	24.30	-6.63	-6.67
-29.0	9.644	-373.54	-30.67	17.88	-5.65	-7.82
-30.0	10.015	-389.32	-40.98	9.24	-4.70	-8.84

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	15.00	0.0	10.00
-1.0	9.995	-15.56	-3.85	15.01	-1.33	9.91
-2.0	10.075	-30.99	-11.47	13.32	-2.64	9.72
-3.0	10.224	-46.08	-17.53	10.29	-3.89	9.46
-4.0	10.428	-60.64	-21.98	6.44	-5.06	9.12
-5.0	10.669	-74.60	-24.93	2.20	-6.13	8.73
-6.0	10.933	-87.90	-26.58	-2.06	-7.09	8.32
-7.0	11.208	-100.55	-27.11	-6.12	-7.95	7.90
-8.0	11.484	-112.57	-26.62	-9.85	-8.70	7.49
-9.0	11.749	-124.02	-25.10	-13.16	-9.36	7.10
-10.0B	11.994	-134.97	-22.55	-16.00	-9.93	6.73
-11.0B	12.207	-145.48	-18.97	-18.37	-10.40	6.38
-12.0B	12.379	-155.66	-14.47	-20.24	-10.80	6.05
-13.0B	12.501	-165.58	-9.26	-21.60	-11.11	5.72
-14.0B	12.567	-175.34	-3.58	-22.43	-11.35	5.39
-15.0B	12.574	-185.04	2.23	-22.73	-11.52	5.04
-16.0B	12.522	-194.75	7.90	-22.54	-11.62	4.65
-17.0B	12.413	-204.58	13.19	-21.88	-11.67	4.22
-18.0B	12.253	-214.61	18.00	-20.77	-11.67	3.74
-19.0	12.046	-224.93	22.46	-19.18	-11.62	3.19
-20.0	11.794	-235.64	26.90	-16.99	-11.51	2.57
-21.0	11.494	-246.84	31.85	-13.92	-11.34	1.85
-22.0	11.140	-258.70	37.61	-9.53	-11.09	1.03
-23.0	10.724	-271.43	43.45	-3.31	-10.72	0.10
-24.0C	10.261	-285.27	46.33	5.00	-10.22	-0.97
-25.0D	9.803	-300.44	41.64	14.56	-9.56	-2.15
-26.0D	9.441	-316.95	27.93	23.07	-8.80	-3.43
-27.0	9.250	-334.44	8.96	27.82	-7.94	-4.74
-28.0	9.259	-352.25	-10.57	27.24	-7.01	-6.04
-29.0	9.457	-369.64	-27.53	21.63	-6.05	-7.27
-30.0	9.808	-386.03	-40.29	12.81	-5.09	-8.38

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	15.00	0.0	10.00
-1.0	9.996	-15.55	-3.99	14.98	-1.33	9.91
-2.0	10.077	-30.98	-11.61	13.25	-2.64	9.73
-3.0	10.228	-46.06	-17.65	10.20	-3.89	9.46
-4.0	10.432	-60.61	-22.11	6.32	-5.05	9.13
-5.0	10.675	-74.55	-25.18	2.05	-6.12	8.74
-6.0	10.943	-87.83	-27.07	-2.30	-7.09	8.34
-7.0	11.226	-100.44	-27.94	-6.48	-7.95	7.93
-8.0	11.512	-112.41	-27.83	-10.36	-8.70	7.53
-9.0B	11.791	-123.78	-26.67	-13.84	-9.37	7.16
-10.0B	12.053	-134.62	-24.33	-16.87	-9.94	6.82
-11.0B	12.285	-145.01	-20.78	-19.41	-10.42	6.51
-12.0B	12.474	-155.02	-16.08	-21.43	-10.81	6.22
-13.0B	12.611	-164.77	-10.47	-22.90	-11.13	5.93
-14.0B	12.686	-174.34	-4.27	-23.79	-11.36	5.64
-15.0B	12.697	-183.83	2.11	-24.11	-11.52	5.33
-16.0B	12.644	-193.35	8.28	-23.88	-11.62	4.99
-17.0B	12.530	-202.98	13.92	-23.18	-11.66	4.59
-18.CB	12.362	-212.81	18.84	-22.05	-11.65	4.14
-19.0	12.146	-222.94	23.13	-20.49	-11.59	3.62
-20.0	11.889	-233.46	27.20	-18.41	-11.50	3.03
-21.0	11.589	-244.46	31.71	-15.55	-11.35	2.34
-22.0	11.237	-256.09	37.33	-11.47	-11.13	1.55
-23.0	10.822	-268.55	43.86	-5.53	-10.80	0.64
-24.0C	10.345	-282.11	48.60	2.75	-10.34	-0.41
-25.0D	9.853	-297.04	46.05	12.84	-9.72	-1.59
-26.0D	9.440	-313.43	33.06	22.46	-8.99	-2.88
-27.0	9.200	-330.97	13.31	28.52	-8.17	-4.23
-28.0	9.171	-349.01	-7.58	28.96	-7.27	-5.58
-29.0	9.346	-366.73	-26.05	23.80	-6.34	-6.87
-30.0	9.690	-383.47	-40.34	14.78	-5.40	-8.05

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	20.00	0.0	10.00
-1.0	10.007	-15.84	-6.27	19.78	-1.38	9.91
-2.0	10.124	-31.48	-16.30	17.26	-2.73	9.75
-3.0	10.334	-46.61	-24.40	13.01	-4.02	9.52
-4.0	10.616	-61.04	-30.30	7.82	-5.21	9.25
-5.0	10.947	-74.65	-34.09	2.36	-6.29	8.96
-6.0	11.306	-87.42	-35.92	-2.86	-7.26	8.67
-7.0B	11.675	-99.37	-35.91	-7.56	-8.11	8.40
-8.0B	12.034	-110.58	-34.07	-11.62	-8.84	8.16
-9.0B	12.366	-121.16	-30.48	-15.03	-9.47	7.95
-10.0B	12.652	-131.21	-25.31	-17.79	-9.99	7.77
-11.0A	12.879	-140.86	-18.88	-19.92	-10.40	7.60
-12.0A	13.036	-150.23	-11.56	-21.36	-10.72	7.42
-13.0A	13.114	-159.42	-3.76	-22.07	-10.95	7.22
-14.0A	13.112	-168.57	4.14	-22.00	-11.10	6.98
-15.0A	13.031	-177.78	11.73	-21.19	-11.18	6.69
-16.0B	12.875	-187.15	18.61	-19.74	-11.21	6.32
-17.0B	12.654	-196.81	24.44	-17.77	-11.21	5.88
-18.0B	12.379	-206.85	28.98	-15.38	-11.17	5.34
-19.0	12.065	-217.37	32.26	-12.55	-11.11	4.70
-20.0	11.722	-228.47	34.64	-9.17	-11.03	3.96
-21.0	11.358	-240.25	36.58	-4.99	-10.93	3.11
-22.0	10.975	-252.83	38.23	0.27	-10.77	2.13
-23.0	10.580	-266.35	38.65	6.77	-10.53	1.03
-24.0C	10.196	-280.92	35.61	14.17	-10.19	-0.19
-25.0D	9.872	-296.57	26.81	21.24	-9.76	-1.51
-26.0D	9.668	-313.08	12.33	25.97	-9.22	-2.89
-27.0D	9.629	-330.01	-5.01	26.68	-8.62	-4.29
-28.0D	9.767	-346.75	-21.59	23.02	-7.98	-5.64
-29.0D	10.059	-362.74	-34.63	16.19	-7.32	-6.90
-30.0D	10.459	-377.65	-42.64	8.16	-6.68	-8.05

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	20.00	0.0	10.00
-1.0	10.008	-15.84	-6.41	19.75	-1.38	9.91
-2.0	10.126	-31.47	-16.46	17.18	-2.73	9.75
-3.0	10.338	-46.59	-24.59	12.90	-4.02	9.53
-4.0	10.622	-61.01	-30.64	7.65	-5.21	9.26
-5.0	10.958	-74.59	-34.71	2.09	-6.29	8.97
-6.0	11.326	-87.31	-36.92	-3.26	-7.26	8.70
-7.0B	11.707	-99.20	-37.26	-8.12	-8.11	8.45
-8.0B	12.081	-110.34	-35.62	-12.34	-8.84	8.23
-9.0B	12.429	-120.81	-31.96	-15.87	-9.47	8.05
-10.0B	12.729	-130.74	-26.46	-18.74	-9.98	7.90
-11.0A	12.965	-140.25	-19.48	-20.92	-10.39	7.76
-12.0A	13.124	-149.48	-11.49	-22.37	-10.69	7.61
-13.0A	13.198	-158.55	-2.99	-22.99	-10.91	7.43
-14.0A	13.185	-167.59	5.55	-22.76	-11.04	7.21
-15.0A	13.086	-176.70	13.67	-21.74	-11.10	6.93
-16.0B	12.908	-186.01	20.87	-20.05	-11.12	6.56
-17.0B	12.664	-195.64	26.72	-17.87	-11.09	6.11
-18.0B	12.367	-205.68	30.95	-15.30	-11.05	5.56
-19.0	12.036	-216.23	33.70	-12.35	-10.99	4.91
-20.0	11.681	-227.39	35.52	-8.86	-10.92	4.15
-21.0	11.310	-239.26	37.15	-4.55	-10.82	3.28
-22.0	10.921	-251.95	38.85	0.92	-10.68	2.29
-23.0C	10.519	-265.60	39.48	7.75	-10.45	1.16
-24.0C	10.127	-280.36	36.21	15.55	-10.13	-0.09
-25.0D	9.801	-296.23	26.31	22.81	-9.69	-1.44
-26.0D	9.610	-312.96	10.21	27.28	-9.18	-2.86
-27.0D	9.601	-330.03	-8.48	27.18	-8.60	-4.28
-28.0D	9.779	-346.79	-25.73	22.47	-7.98	-5.65
-29.0D	10.113	-362.66	-38.66	14.74	-7.37	-6.93
-30.0D	10.550	-377.34	-45.83	6.23	-6.78	-8.08

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	20.00	0.0	10.00
-1.0	10.009	-15.83	-6.55	19.71	-1.38	9.91
-2.0	10.129	-31.46	-16.62	17.11	-2.73	9.75
-3.0	10.342	-46.58	-24.80	12.79	-4.02	9.53
-4.0	10.629	-60.97	-31.00	7.47	-5.21	9.27
-5.0	10.970	-74.53	-35.36	1.82	-6.29	8.99
-6.0	11.347	-87.21	-37.96	-3.68	-7.25	8.72
-7.0B	11.740	-99.03	-38.65	-8.69	-8.11	8.49
-8.0B	12.130	-110.08	-37.16	-13.06	-8.84	8.30
-9.0B	12.492	-120.44	-33.34	-16.71	-9.46	8.15
-10.0A	12.804	-130.25	-27.39	-19.65	-9.97	8.03
-11.0A	13.047	-139.64	-19.76	-21.87	-10.37	7.92
-12.0A	13.205	-148.75	-11.04	-23.27	-10.66	7.79
-13.0A	13.271	-157.71	-1.81	-23.76	-10.85	7.63
-14.0A	13.242	-166.66	7.39	-23.33	-10.97	7.42
-15.0A	13.122	-175.71	16.00	-22.04	-11.01	7.14
-16.0B	12.919	-184.99	23.45	-20.08	-11.01	6.76
-17.0B	12.648	-194.62	29.19	-17.66	-10.97	6.30
-18.0B	12.328	-204.71	32.96	-14.91	-10.92	5.73
-19.0	11.980	-215.34	35.03	-11.82	-10.86	5.05
-20.0	11.615	-226.62	36.24	-8.19	-10.80	4.27
-21.0	11.238	-238.63	37.59	-3.70	-10.72	3.38
-22.0	10.844	-251.48	39.36	2.06	-10.59	2.36
-23.0C	10.436	-265.35	40.02	9.28	-10.37	1.20
-24.0C	10.042	-280.35	36.05	17.42	-10.04	-0.09
-25.0D	9.725	-296.49	24.48	24.65	-9.61	-1.48
-26.0D	9.563	-313.44	6.56	28.42	-9.11	-2.92
-27.0D	9.598	-330.60	-13.25	27.13	-8.55	-4.36
-28.0D	9.826	-347.27	-30.66	21.16	-7.97	-5.74
-29.0D	10.207	-362.90	-42.86	12.59	-7.40	-7.03
-30.0D	10.680	-377.26	-48.54	3.82	-6.87	-8.17

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	20.00	0.0	10.00
-1.0	10.010	-15.83	-6.69	19.68	-1.38	9.91
-2.0	10.131	-31.45	-16.79	17.04	-2.73	9.76
-3.0	10.347	-46.56	-25.02	12.67	-4.01	9.54
-4.0	10.637	-60.93	-31.38	7.29	-5.20	9.28
-5.0	10.983	-74.46	-36.05	1.53	-6.28	9.01
-6.0	11.368	-87.10	-39.04	-4.11	-7.25	8.76
-7.0B	11.775	-98.86	-40.06	-9.28	-8.10	8.54
-8.0B	12.179	-109.81	-38.66	-13.78	-8.84	8.38
-9.0B	12.556	-120.07	-34.60	-17.53	-9.46	8.26
-10.0A	12.879	-129.77	-28.09	-20.53	-9.96	8.16
-11.0A	13.125	-139.04	-19.73	-22.74	-10.35	8.08
-12.0A	13.279	-148.04	-10.24	-24.06	-10.62	7.97
-13.0A	13.332	-156.91	-0.26	-24.39	-10.80	7.82
-14.0A	13.284	-165.78	9.57	-23.70	-10.89	7.61
-15.0A	13.139	-174.79	18.62	-22.11	-10.91	7.32
-16.0B	12.908	-184.07	26.21	-19.87	-10.89	6.93
-17.0B	12.610	-193.75	31.70	-17.22	-10.84	6.44
-18.0B	12.268	-203.92	34.84	-14.29	-10.78	5.85
-19.0	11.904	-214.67	36.12	-11.04	-10.73	5.15
-20.0	11.532	-226.10	36.74	-7.26	-10.68	4.34
-21.0	11.151	-238.29	37.92	-2.54	-10.62	3.41
-22.0	10.753	-251.36	39.82	3.56	-10.49	2.36
-23.0C	10.341	-265.48	40.33	11.21	-10.27	1.16
-24.0C	9.948	-280.78	35.14	19.62	-9.95	-0.16
-25.0D	9.652	-297.20	21.45	26.53	-9.52	-1.58
-26.0D	9.530	-314.35	1.70	29.24	-9.03	-3.05
-27.0D	9.620	-331.52	-18.89	26.46	-8.50	-4.51
-28.0D	9.904	-348.01	-35.95	19.20	-7.96	-5.89
-29.0D	10.334	-363.32	-46.81	9.96	-7.44	-7.17
-30.0C	10.837	-377.28	-50.42	1.25	-6.97	-8.30

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	25.00	0.0	10.00
-1.0	10.021	-16.12	-9.01	24.46	-1.43	9.92
-2.0	10.179	-31.94	-21.45	21.02	-2.83	9.78
-3.0	10.452	-47.11	-31.46	15.54	-4.15	9.59
-4.0	10.813	-61.37	-38.75	9.08	-5.36	9.39
-5.0	11.235	-74.62	-43.38	2.56	-6.46	9.20
-6.0B	11.691	-86.86	-45.39	-3.43	-7.42	9.03
-7.0B	12.154	-98.16	-44.70	-8.64	-8.26	8.92
-8.0B	12.597	-108.64	-41.37	-13.07	-8.96	8.85
-9.0A	12.993	-118.44	-35.75	-16.85	-9.54	8.82
-10.0A	13.322	-127.71	-28.38	-20.03	-9.99	8.81
-11.0A	13.569	-136.58	-19.85	-22.53	-10.33	8.80
-12.0A	13.725	-145.21	-10.62	-24.15	-10.56	8.77
-13.0A	13.785	-153.71	-1.10	-24.68	-10.69	8.70
-14.0A	13.748	-162.20	8.40	-24.02	-10.75	8.57
-15.0A	13.615	-170.80	17.53	-22.27	-10.75	8.35
-16.0A	13.392	-179.65	25.87	-19.64	-10.71	8.04
-17.0A	13.090	-188.85	32.90	-16.42	-10.64	7.63
-18.0B	12.726	-198.54	38.05	-12.84	-10.57	7.09
-19.0B	12.320	-208.84	40.91	-9.00	-10.51	6.43
-20.0	11.896	-219.85	41.60	-4.79	-10.47	5.65
-21.0	11.474	-231.67	40.79	-0.03	-10.44	4.75
-22.0	11.065	-244.37	39.17	5.49	-10.42	3.72
-23.0	10.676	-258.02	36.50	11.82	-10.36	2.57
-24.0C	10.327	-272.66	31.31	18.54	-10.25	1.29
-25.0C	10.051	-288.24	21.79	24.51	-10.05	-0.08
-26.0D	9.896	-304.52	7.78	28.07	-9.78	-1.52
-27.0D	9.899	-321.06	-8.49	27.91	-9.44	-2.97
-28.0D	10.066	-337.30	-23.74	24.01	-9.06	-4.38
-29.0D	10.372	-352.79	-35.32	17.60	-8.66	-5.71
-30.0C	10.772	-367.25	-41.97	10.45	-8.26	-6.91

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	25.00	0.0	10.00
-1.0	10.022	-16.11	-9.15	24.42	-1.43	9.92
-2.0	10.181	-31.93	-21.64	20.94	-2.83	9.78
-3.0	10.457	-47.09	-31.75	15.40	-4.15	9.60
-4.0	10.822	-61.33	-39.31	8.86	-5.36	9.40
-5.0	11.252	-74.55	-44.32	2.20	-6.45	9.22
-6.0B	11.720	-86.73	-46.68	-3.94	-7.42	9.07
-7.0B	12.197	-97.96	-46.11	-9.28	-8.25	8.98
-8.0B	12.652	-108.34	-42.54	-13.81	-8.96	8.94
-9.0A	13.058	-118.04	-36.37	-17.65	-9.53	8.93
-10.0A	13.390	-127.20	-28.31	-20.86	-9.97	8.94
-11.0A	13.633	-135.99	-19.06	-23.31	-10.29	8.95
-12.0A	13.777	-144.54	-9.16	-24.77	-10.49	8.93
-13.0A	13.819	-152.99	0.97	-25.03	-10.61	8.86
-14.0A	13.758	-161.45	10.98	-24.04	-10.65	8.71
-15.0A	13.596	-170.07	20.51	-21.90	-10.63	8.48
-16.0A	13.342	-178.97	29.05	-18.90	-10.57	8.14
-17.0A	13.008	-188.27	35.93	-15.38	-10.50	7.68
-18.0B	12.615	-198.12	40.45	-11.58	-10.43	7.10
-19.0B	12.190	-208.63	42.24	-7.55	-10.38	6.40
-20.0	11.759	-219.90	41.78	-3.18	-10.35	5.58
-21.0	11.339	-232.00	40.16	1.77	-10.35	4.63
-22.0	10.939	-245.00	38.17	7.52	-10.34	3.57
-23.0	10.562	-258.97	35.25	14.06	-10.29	2.37
-24.0C	10.228	-273.93	29.36	20.83	-10.17	1.06
-25.0C	9.978	-289.80	18.53	26.44	-9.97	-0.35
-26.0D	9.864	-306.27	3.16	29.08	-9.70	-1.81
-27.0D	9.919	-322.84	-13.77	27.67	-9.36	-3.27
-28.0D	10.139	-338.95	-28.67	22.62	-9.00	-4.67
-29.0C	10.489	-354.16	-39.00	15.58	-8.62	-5.98
-30.0C	10.918	-368.28	-43.90	8.36	-8.24	-7.16

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	25.00	0.0	10.00
-1.0	10.023	-16.11	-9.29	24.39	-1.43	9.92
-2.0	10.184	-31.93	-21.83	20.86	-2.83	9.78
-3.0	10.462	-47.07	-32.06	15.27	-4.14	9.61
-4.0	10.832	-61.29	-39.88	8.62	-5.36	9.41
-5.0	11.269	-74.47	-45.29	1.84	-6.45	9.24
-6.0B	11.749	-86.60	-47.99	-4.46	-7.41	9.11
-7.0B	12.240	-97.74	-47.48	-9.92	-8.25	9.04
-8.0A	12.708	-108.04	-43.59	-14.54	-8.95	9.02
-9.0A	13.122	-117.64	-36.81	-18.42	-9.51	9.04
-10.0A	13.454	-126.71	-28.02	-21.63	-9.94	9.07
-11.0A	13.691	-135.41	-18.06	-24.00	-10.24	9.09
-12.0A	13.822	-143.90	-7.52	-25.28	-10.43	9.07
-13.0A	13.844	-152.30	3.17	-25.26	-10.52	9.00
-14.0A	13.758	-160.76	13.65	-23.90	-10.54	8.84
-15.0A	13.567	-169.40	23.53	-21.38	-10.51	8.58
-16.0A	13.281	-178.37	32.19	-18.04	-10.44	8.21
-17.0A	12.915	-187.80	38.77	-14.25	-10.36	7.72
-18.0B	12.497	-197.82	42.45	-10.25	-10.29	7.09
-19.0B	12.058	-208.55	43.04	-6.06	-10.25	6.34
-20.0	11.624	-220.08	41.49	-1.54	-10.25	5.48
-21.0	11.211	-232.46	39.28	3.59	-10.27	4.50
-22.0	10.821	-245.76	37.14	9.56	-10.28	3.39
-23.0	10.455	-260.04	33.99	16.30	-10.23	2.16
-24.0C	10.138	-275.31	27.21	23.04	-10.11	0.80
-25.0C	9.918	-291.44	14.89	28.14	-9.90	-0.64
-26.0D	9.848	-308.06	-1.76	29.72	-9.62	-2.11
-27.0D	9.956	-324.61	-19.06	27.02	-9.29	-3.57
-28.0D	10.227	-340.53	-33.24	20.96	-8.94	-4.96
-29.0C	10.617	-355.44	-42.00	13.50	-8.59	-6.25
-30.0C	11.067	-369.20	-45.02	6.41	-8.24	-7.39

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	25.00	0.0	10.00
-1.0	10.024	-16.11	-9.43	24.35	-1.43	9.92
-2.0	10.187	-31.92	-22.03	20.78	-2.82	9.79
-3.0	10.467	-47.05	-32.38	15.13	-4.14	9.61
-4.0	10.841	-61.24	-40.48	8.38	-5.36	9.43
-5.0	11.287	-74.39	-46.29	1.46	-6.45	9.26
-6.0B	11.779	-86.46	-49.31	-4.98	-7.41	9.15
-7.0B	12.284	-97.53	-48.81	-10.56	-8.24	9.11
-8.0A	12.764	-107.73	-44.53	-15.25	-8.94	9.11
-9.0A	13.184	-117.23	-37.08	-19.16	-9.49	9.15
-10.0A	13.515	-126.22	-27.54	-22.35	-9.90	9.20
-11.0A	13.743	-134.85	-16.88	-24.62	-10.19	9.23
-12.0A	13.859	-143.28	-5.74	-25.69	-10.36	9.21
-13.0A	13.860	-151.66	5.47	-25.36	-10.43	9.13
-14.0A	13.748	-160.11	16.40	-23.62	-10.43	8.95
-15.0A	13.527	-168.80	26.58	-20.73	-10.38	8.67
-16.0A	13.209	-177.85	35.26	-17.07	-10.31	8.26
-17.0B	12.815	-187.41	41.37	-13.04	-10.23	7.72
-18.0B	12.375	-197.62	44.01	-8.87	-10.17	7.06
-19.0B	11.926	-208.59	43.33	-4.56	-10.15	6.27
-20.0	11.495	-220.38	40.82	0.10	-10.17	5.37
-21.0	11.091	-233.04	38.27	5.41	-10.20	4.35
-22.0	10.711	-246.63	36.14	11.60	-10.22	3.20
-23.0C	10.356	-261.21	32.69	18.51	-10.18	1.93
-24.0C	10.057	-276.77	24.81	25.14	-10.04	0.54
-25.0D	9.870	-293.13	10.90	29.56	-9.83	-0.92
-26.0D	9.848	-309.85	-6.88	29.97	-9.55	-2.41
-27.0D	10.009	-326.33	-24.22	26.01	-9.23	-3.87
-28.0D	10.329	-342.01	-37.32	19.12	-8.90	-5.25
-29.0C	10.751	-356.60	-44.27	11.47	-8.56	-6.50
-30.0C	11.214	-370.03	-45.37	4.66	-8.24	-7.61

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	30.00	0.0	10.00
-1.0	10.036	-16.39	-11.78	29.12	-1.48	9.93
-2.0	10.234	-32.40	-26.64	24.74	-2.92	9.81
-3.0	10.570	-47.59	-38.51	18.04	-4.28	9.67
-4.0	11.011	-61.69	-47.07	10.44	-5.51	9.53
-5.0B	11.522	-74.61	-52.28	3.06	-6.62	9.43
-6.0B	12.068	-86.38	-53.99	-3.50	-7.58	9.39
-7.0A	12.614	-97.12	-52.18	-9.15	-8.40	9.41
-8.0A	13.125	-106.99	-47.30	-14.18	-9.07	9.49
-9.0A	13.574	-116.16	-40.20	-18.86	-9.59	9.60
-10.0	13.942	-124.81	-31.68	-23.21	-9.98	9.74
-11.0	14.219	-133.07	-22.29	-26.94	-10.24	9.87
-12.0	14.396	-141.07	-12.38	-29.57	-10.38	9.97
-13.0	14.471	-148.94	-2.21	-30.69	-10.43	10.03
-14.0	14.442	-156.79	7.97	-30.06	-10.40	10.02
-15.0	14.309	-164.74	17.93	-27.77	-10.31	9.92
-16.0	14.076	-172.90	27.40	-24.13	-10.18	9.72
-17.0A	13.751	-181.40	36.06	-19.63	-10.04	9.39
-18.0A	13.343	-190.38	43.38	-14.73	-9.91	8.93
-19.0A	12.871	-199.97	48.53	-9.71	-9.81	8.33
-20.0B	12.361	-210.34	50.65	-4.60	-9.76	7.59
-21.0	11.846	-221.60	49.56	0.79	-9.76	6.71
-22.0	11.356	-233.85	46.08	6.73	-9.82	5.71
-23.0	10.908	-247.16	41.17	13.33	-9.90	4.57
-24.0	10.519	-261.52	34.57	20.30	-9.99	3.31
-25.0C	10.212	-276.89	24.84	26.72	-10.03	1.93
-26.0C	10.025	-293.04	11.07	31.05	-10.01	0.46
-27.0C	9.995	-309.56	-5.43	31.83	-9.94	-1.04
-28.0C	10.135	-325.90	-21.63	28.69	-9.82	-2.52
-29.0C	10.426	-341.56	-34.55	22.70	-9.66	-3.93
-30.0C	10.825	-356.21	-42.70	15.59	-9.48	-5.23

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	30.00	0.0	10.00
-1.0	10.037	-16.39	-11.92	29.09	-1.48	9.93
-2.0	10.237	-32.39	-26.86	24.66	-2.92	9.81
-3.0	10.576	-47.57	-38.90	17.89	-4.27	9.67
-4.0	11.022	-61.64	-47.81	10.17	-5.51	9.55
-5.0B	11.543	-74.52	-53.41	2.64	-6.62	9.46
-6.0B	12.102	-86.23	-55.30	-4.05	-7.58	9.44
-7.0A	12.660	-96.89	-53.27	-9.79	-8.39	9.48
-8.0A	13.180	-106.67	-47.83	-14.88	-9.05	9.58
-9.0A	13.630	-115.77	-40.03	-19.60	-9.57	9.71
-10.0	13.994	-124.34	-30.87	-23.93	-9.94	9.85
-11.0	14.259	-132.54	-20.97	-27.54	-10.18	9.99
-12.0	14.421	-140.51	-10.68	-29.94	-10.30	10.09
-13.0	14.477	-148.37	-0.22	-30.72	-10.33	10.14
-14.0	14.426	-156.23	10.19	-29.71	-10.29	10.11
-15.0	14.270	-164.21	20.35	-27.02	-10.19	9.99
-16.0	14.011	-172.44	30.03	-23.04	-10.06	9.76
-17.0A	13.658	-181.04	38.84	-18.26	-9.92	9.39
-18.0A	13.222	-190.17	46.05	-13.15	-9.79	8.88
-19.0B	12.726	-199.98	50.53	-7.97	-9.70	8.23
-20.0B	12.201	-210.62	51.36	-2.72	-9.67	7.44
-21.0	11.687	-222.20	48.79	2.83	-9.70	6.52
-22.0	11.210	-234.79	44.28	8.92	-9.78	5.48
-23.0	10.784	-248.43	38.87	15.61	-9.89	4.30
-24.0	10.420	-263.11	31.87	22.53	-9.98	3.00
-25.0C	10.144	-278.76	21.43	28.58	-10.02	1.59
-26.0C	9.997	-295.09	6.82	32.12	-10.00	0.10
-27.0C	10.013	-311.65	-10.07	31.83	-9.91	-1.41
-28.0C	10.199	-327.88	-25.82	27.72	-9.78	-2.88
-29.0C	10.527	-343.32	-37.55	21.20	-9.62	-4.27
-30.0C	10.949	-357.69	-44.16	14.06	-9.45	-5.54

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	30.00	0.0	10.00
-1.0	10.037	-16.39	-12.07	29.05	-1.48	9.93
-2.0	10.240	-32.39	-27.08	24.57	-2.92	9.81
-3.0	10.582	-47.55	-39.31	17.73	-4.27	9.68
-4.0	11.034	-61.60	-48.57	9.89	-5.51	9.56
-5.0B	11.564	-74.43	-54.56	2.21	-6.61	9.49
-6.0B	12.136	-86.07	-56.60	-4.60	-7.57	9.48
-7.0A	12.707	-96.65	-54.27	-10.42	-8.38	9.55
-8.0A	13.233	-106.36	-48.21	-15.56	-9.04	9.67
-9.0A	13.685	-115.37	-39.72	-20.30	-9.54	9.81
-10.0	14.042	-123.88	-29.95	-24.60	-9.89	9.97
-11.0	14.295	-132.04	-19.59	-28.07	-10.11	10.10
-12.0	14.442	-139.98	-8.97	-30.23	-10.22	10.20
-13.0	14.479	-147.82	1.73	-30.67	-10.24	10.24
-14.0	14.406	-155.70	12.35	-29.28	-10.18	10.20
-15.0	14.227	-163.72	22.73	-26.22	-10.07	10.05
-16.0	13.943	-172.02	32.64	-21.91	-9.94	9.78
-17.0A	13.562	-180.74	41.57	-16.88	-9.80	9.38
-18.0A	13.099	-190.03	48.54	-11.58	-9.68	8.83
-19.0B	12.581	-200.06	52.13	-6.26	-9.60	8.13
-20.0B	12.048	-210.97	51.50	-0.88	-9.59	7.29
-21.0	11.539	-222.85	47.56	4.79	-9.65	6.33
-22.0	11.079	-235.76	42.31	11.00	-9.76	5.25
-23.0	10.675	-249.71	36.65	17.76	-9.88	4.04
-24.0C	10.335	-264.69	29.31	24.58	-9.98	2.70
-25.0C	10.089	-280.57	18.12	30.21	-10.01	1.26
-26.0C	9.979	-297.05	2.69	32.93	-9.98	-0.24
-27.0C	10.040	-313.62	-14.44	31.60	-9.89	-1.75
-28.0C	10.268	-329.72	-29.56	26.66	-9.75	-3.21
-29.0C	10.628	-344.92	-39.98	19.77	-9.59	-4.58
-30.0C	11.067	-359.03	-45.07	12.71	-9.41	-5.82

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	5.00	30.00	0.0	10.00
-1.0	10.038	-16.39	-12.21	29.01	-1.48	9.93
-2.0	10.242	-32.38	-27.30	24.49	-2.92	9.82
-3.0	10.588	-47.52	-39.73	17.56	-4.27	9.69
-4.0	11.046	-61.55	-49.35	9.60	-5.51	9.57
-5.0B	11.586	-74.34	-55.73	1.78	-6.61	9.52
-6.0B	12.171	-85.91	-57.87	-5.15	-7.57	9.53
-7.0A	12.753	-96.42	-55.20	-11.04	-8.37	9.62
-8.0A	13.286	-106.04	-48.48	-16.21	-9.02	9.76
-9.0A	13.736	-114.98	-39.29	-20.97	-9.51	9.92
-10.0	14.086	-123.43	-28.96	-25.21	-9.84	10.08
-11.0	14.327	-131.55	-18.19	-28.54	-10.05	10.21
-12.0	14.457	-139.46	-7.27	-30.44	-10.14	10.31
-13.0	14.476	-147.30	3.65	-30.55	-10.14	10.33
-14.0	14.383	-155.19	14.47	-28.79	-10.07	10.27
-15.0	14.181	-163.26	25.08	-25.38	-9.96	10.10
-16.0	13.872	-171.64	35.21	-20.76	-9.82	9.80
-17.0A	13.464	-180.47	44.24	-15.49	-9.68	9.35
-18.0A	12.975	-189.94	50.82	-10.02	-9.57	8.76
-19.0B	12.439	-200.19	53.28	-4.59	-9.51	8.01
-20.0B	11.901	-211.37	51.11	0.89	-9.52	7.14
-21.0	11.403	-223.55	46.00	6.67	-9.61	6.14
-22.0	10.962	-236.76	40.31	12.97	-9.74	5.02
-23.0	10.579	-251.01	34.58	19.78	-9.88	3.78
-24.0C	10.262	-266.25	26.88	26.47	-9.97	2.41
-25.0C	10.044	-282.34	14.87	31.63	-10.00	0.95
-26.0C	9.972	-298.93	-1.32	33.49	-9.96	-0.57
-27.0C	10.074	-315.47	-18.53	31.19	-9.86	-2.08
-28.0C	10.341	-331.43	-32.87	25.54	-9.72	-3.53
-29.0C	10.728	-346.40	-41.91	18.42	-9.56	-4.87
-30.0C	11.180	-360.25	-45.54	11.53	-9.38	-6.08

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-30.00	0.0	10.00
-1.0	9.828	-13.08	23.59	-27.01	-0.89	9.79
-2.0	9.518	-26.83	37.03	-20.77	-1.82	9.34
-3.0C	9.078	-41.74	48.16	-10.36	-2.81	8.63
-4.0D	8.560	-58.35	51.17	4.19	-3.85	7.65
-5.0	8.078	-77.06	40.91	20.09	-4.92	6.41
-6.0	7.759	-97.73	20.38	32.16	-5.97	4.96
-7.0	7.674	-119.50	-3.94	35.71	-6.91	3.35
-8.0	7.831	-141.07	-25.86	29.50	-7.65	1.66
-9.0	8.178	-161.29	-40.49	16.66	-8.18	-0.01
-10.0	8.630	-179.61	-46.70	1.91	-8.49	-1.57
-11.0	9.109	-196.02	-45.90	-11.38	-8.61	-2.97
-12.0D	9.551	-210.82	-39.61	-21.70	-8.59	-4.17
-13.0D	9.905	-224.41	-29.21	-28.75	-8.44	-5.19
-14.0D	10.139	-237.19	-16.12	-32.86	-8.16	-6.02
-15.0D	10.231	-249.55	-1.81	-34.45	-7.73	-6.70
-16.0D	10.176	-261.85	12.43	-33.79	-7.16	-7.23
-17.0D	9.981	-274.46	25.55	-30.84	-6.42	-7.64
-18.0	9.659	-287.73	36.99	-25.24	-5.49	-7.94
-19.0	9.229	-302.06	46.86	-16.11	-4.37	-8.13
-20.0	8.709	-317.97	54.10	-2.35	-3.01	-8.17
-21.0E	8.153	-336.03	52.15	15.64	-1.43	-8.03
-22.0F	7.701	-356.52	33.43	32.72	0.33	-7.69
-23.0	7.510	-378.82	2.95	40.53	2.18	-7.19
-24.0	7.640	-401.27	-27.39	34.73	3.98	-6.52
-25.0	8.039	-422.17	-48.75	18.80	5.63	-5.74
-26.0F	8.595	-440.69	-57.76	0.03	7.04	-4.93
-27.0F	9.180	-456.85	-54.93	-15.86	8.20	-4.13
-28.0E	9.688	-471.15	-43.25	-26.74	9.08	-3.37
-29.0E	10.048	-484.22	-26.75	-32.97	9.70	-2.63
-30.0E	10.229	-496.61	-8.37	-35.56	10.05	-1.90

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-30.00	0.0	10.00
-1.0	9.829	-13.08	23.50	-27.03	-0.89	9.79
-2.0	9.518	-26.83	37.25	-20.76	-1.82	9.34
-3.0C	9.074	-41.74	48.97	-10.15	-2.81	8.63
-4.0D	8.546	-58.40	51.97	4.75	-3.85	7.63
-5.0	8.061	-77.19	40.59	20.77	-4.92	6.38
-6.0	7.750	-97.93	19.19	32.52	-5.98	4.93
-7.0	7.678	-119.72	-5.03	35.58	-6.92	3.32
-8.0	7.843	-141.25	-26.33	29.09	-7.67	1.64
-9.0	8.192	-161.41	-40.42	16.26	-8.19	-0.03
-10.0	8.643	-179.67	-46.59	1.61	-8.50	-1.58
-11.0	9.122	-196.04	-46.17	-11.70	-8.62	-2.97
-12.0D	9.569	-210.79	-40.38	-22.14	-8.61	-4.17
-13.0D	9.933	-224.31	-30.27	-29.37	-8.47	-5.19
-14.0D	10.178	-236.99	-17.21	-33.62	-8.21	-6.02
-15.0D	10.281	-249.24	-2.74	-35.36	-7.81	-6.69
-16.0D	10.234	-261.40	11.67	-34.86	-7.26	-7.22
-17.0D	10.046	-273.84	24.84	-32.16	-6.54	-7.62
-18.0	9.732	-286.91	36.19	-26.95	-5.65	-7.93
-19.0	9.311	-300.99	46.17	-18.39	-4.56	-8.12
-20.0	8.792	-316.58	54.66	-5.15	-3.24	-8.17
-21.0E	8.218	-334.29	55.38	13.03	-1.69	-8.04
-22.0F	7.723	-354.53	38.25	31.47	0.07	-7.72
-23.0	7.484	-376.81	7.18	41.21	1.92	-7.23
-24.0	7.579	-399.49	-24.84	36.84	3.75	-6.59
-25.0	7.963	-420.75	-48.34	21.14	5.43	-5.82
-26.0F	8.525	-439.57	-59.45	1.60	6.89	-5.02
-27.0F	9.135	-455.90	-57.86	-15.36	8.09	-4.24
-28.0E	9.674	-470.27	-46.19	-27.01	9.02	-3.50
-29.0E	10.061	-483.31	-28.95	-33.64	9.67	-2.79
-30.0E	10.259	-495.62	-9.63	-36.41	10.05	-2.08

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-30.00	0.0	10.00
-1.0	9.830	-13.08	23.41	-27.06	-0.89	9.79
-2.0	9.519	-26.83	37.46	-20.75	-1.82	9.34
-3.0C	9.069	-41.75	49.78	-9.94	-2.80	8.62
-4.0D	8.533	-58.44	52.74	5.30	-3.85	7.62
-5.0	8.045	-77.32	40.23	21.43	-4.93	6.36
-6.0	7.743	-98.13	18.01	32.85	-5.99	4.91
-7.0	7.682	-119.93	-6.08	35.43	-6.94	3.30
-8.0	7.855	-141.41	-26.77	28.68	-7.69	1.62
-9.0	8.205	-161.51	-40.37	15.87	-8.21	-0.04
-10.0	8.656	-179.72	-46.52	1.29	-8.51	-1.59
-11.0	9.136	-196.05	-46.50	-12.04	-8.64	-2.98
-12.0D	9.589	-210.74	-41.19	-22.63	-8.63	-4.18
-13.0D	9.963	-224.18	-31.32	-30.00	-8.51	-5.18
-14.0D	10.218	-236.77	-18.19	-34.39	-8.26	-6.01
-15.0D	10.330	-248.90	-3.48	-36.22	-7.88	-6.67
-16.0D	10.289	-260.94	11.20	-35.83	-7.35	-7.20
-17.0D	10.105	-273.23	24.48	-33.30	-6.66	-7.60
-18.0	9.796	-286.13	35.70	-28.39	-5.79	-7.90
-19.0	9.380	-299.99	45.56	-20.29	-4.73	-8.10
-20.0	8.865	-315.31	54.85	-7.55	-3.45	-8.17
-21.0E	8.278	-332.72	57.94	10.66	-1.92	-8.05
-22.0F	7.745	-352.73	42.50	30.21	-0.18	-7.74
-23.0	7.465	-374.97	10.94	41.65	1.68	-7.27
-24.0	7.527	-397.84	-22.48	38.59	3.53	-6.65
-25.0	7.896	-419.39	-47.82	23.19	5.25	-5.90
-26.0F	8.463	-438.48	-60.83	3.02	6.74	-5.12
-27.0F	9.095	-454.98	-60.47	-14.91	7.98	-4.35
-28.0E	9.661	-469.39	-48.81	-27.27	8.95	-3.63
-29.0E	10.072	-482.41	-30.84	-34.25	9.63	-2.94
-30.0F	10.284	-494.65	-10.61	-37.14	10.03	-2.26

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-30.00	0.0	10.00
-1.0	9.831	-13.08	23.31	-27.08	-0.89	9.79
-2.0	9.519	-26.82	37.67	-20.74	-1.82	9.34
-3.0C	9.064	-41.75	50.58	-9.73	-2.80	8.62
-4.0D	8.519	-58.49	53.48	5.84	-3.85	7.60
-5.0	8.029	-77.44	39.83	22.06	-4.93	6.34
-6.0	7.736	-98.32	16.86	33.14	-6.00	4.88
-7.0	7.687	-120.13	-7.08	35.27	-6.95	3.28
-8.0	7.867	-141.56	-27.18	28.28	-7.70	1.60
-9.0	8.219	-161.60	-40.34	15.47	-8.22	-0.06
-10.0	8.668	-179.76	-46.50	0.95	-8.52	-1.60
-11.0	9.151	-196.04	-46.90	-12.43	-8.65	-2.98
-12.0D	9.610	-210.68	-42.04	-23.15	-8.66	-4.17
-13.0D	9.994	-224.04	-32.35	-30.67	-8.55	-5.18
-14.0D	10.259	-236.53	-19.06	-35.15	-8.32	-6.00
-15.0D	10.378	-248.55	-3.99	-37.04	-7.96	-6.66
-16.0D	10.341	-260.46	11.04	-36.70	-7.45	-7.17
-17.0D	10.157	-272.62	24.48	-34.26	-6.78	-7.57
-18.0	9.849	-285.37	35.54	-29.54	-5.93	-7.86
-19.0	9.436	-299.07	45.14	-21.80	-4.89	-8.07
-20.0	8.924	-314.18	54.86	-9.50	-3.63	-8.15
-21.0E	8.328	-331.33	59.92	8.68	-2.13	-8.05
-22.0F	7.765	-351.14	46.06	29.13	-0.39	-7.76
-23.0	7.450	-373.35	14.01	41.94	1.47	-7.30
-24.0	7.487	-396.37	-20.60	39.96	3.34	-6.70
-25.0	7.844	-418.16	-47.40	24.82	5.08	-5.97
-26.0F	8.414	-437.46	-62.03	4.11	6.61	-5.20
-27.0F	9.065	-454.08	-62.76	-14.65	7.89	-4.46
-28.0E	9.655	-468.52	-51.01	-27.61	8.89	-3.77
-29.0E	10.084	-481.50	-32.25	-34.82	9.60	-3.10
-30.0E	10.307	-493.68	-11.13	-37.75	10.02	-2.43

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-25.00	0.0	10.00
-1.0	9.840	-13.37	21.29	-22.14	-0.94	9.80
-2.0	9.565	-27.35	32.38	-16.54	-1.91	9.37
-3.0C	9.184	-42.35	41.51	-7.54	-2.93	8.70
-4.0C	8.738	-58.80	44.14	4.69	-3.99	7.77
-5.0D	8.320	-77.00	35.57	17.80	-5.06	6.61
-6.0	8.044	-96.80	17.31	27.39	-6.10	5.24
-7.0	7.978	-117.44	-4.43	29.72	-7.05	3.74
-8.0	8.127	-137.85	-23.84	24.06	-7.83	2.16
-9.0	8.445	-157.10	-37.17	12.95	-8.42	0.60
-10.0	8.862	-174.72	-43.30	0.09	-8.82	-0.87
-11.0D	9.307	-190.66	-42.73	-11.61	-9.04	-2.20
-12.0D	9.717	-205.17	-36.57	-20.68	-9.12	-3.36
-13.0D	10.041	-218.60	-26.27	-26.80	-9.04	-4.36
-14.0D	10.246	-231.32	-13.49	-30.23	-8.82	-5.21
-15.0D	10.314	-243.70	0.25	-31.33	-8.44	-5.92
-16.0D	10.242	-256.08	13.65	-30.33	-7.90	-6.52
-17.0D	10.040	-268.79	25.55	-27.24	-7.18	-7.01
-18.0	9.727	-282.17	35.21	-21.80	-6.28	-7.43
-19.0	9.327	-296.56	42.70	-13.49	-5.18	-7.76
-20.0	8.861	-312.35	47.90	-1.59	-3.86	-7.97
-21.0E	8.368	-330.00	46.99	13.75	-2.32	-8.04
-22.0F	7.946	-349.74	32.88	28.94	-0.59	-7.92
-23.0F	7.739	-371.14	6.30	36.94	1.24	-7.64
-24.0	7.825	-392.85	-22.54	33.08	3.06	-7.20
-25.0F	8.174	-413.35	-44.05	19.50	4.76	-6.65
-26.0F	8.685	-431.74	-53.70	2.62	6.25	-6.03
-27.0E	9.232	-447.98	-51.61	-12.05	7.51	-5.37
-28.0E	9.712	-462.48	-41.12	-22.31	8.49	-4.71
-29.0E	10.058	-475.80	-26.26	-28.36	9.22	-4.03
-30.0E	10.243	-488.43	-9.66	-31.07	9.69	-3.32

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-25.00	0.0	10.00
-1.0	9.841	-13.37	21.19	-22.17	-0.94	9.80
-2.0	9.566	-27.35	32.57	-16.53	-1.91	9.37
-3.0C	9.180	-42.35	42.29	-7.34	-2.93	8.70
-4.0C	8.724	-58.85	45.09	5.24	-3.99	7.76
-5.0D	8.301	-77.13	35.57	18.56	-5.06	6.58
-6.0	8.031	-97.02	16.09	27.90	-6.11	5.21
-7.0	7.981	-117.68	-6.18	29.58	-7.07	3.71
-8.0	8.147	-138.03	-25.50	23.26	-7.86	2.14
-9.0	8.481	-157.15	-38.57	11.67	-8.46	0.60
-10.0	8.912	-174.58	-44.54	-1.45	-8.87	-0.85
-11.0D	9.369	-190.32	-43.80	-13.27	-9.12	-2.16
-12.0D	9.788	-204.61	-37.22	-22.32	-9.22	-3.30
-13.0D	10.115	-217.83	-26.23	-28.30	-9.17	-4.27
-14.0D	10.315	-230.36	-12.67	-31.51	-8.97	-5.10
-15.0D	10.371	-242.57	1.78	-32.37	-8.61	-5.79
-16.0D	10.281	-254.83	15.62	-31.11	-8.07	-6.37
-17.0D	10.058	-267.46	27.53	-27.76	-7.36	-6.86
-18.0	9.727	-280.80	36.77	-22.08	-6.46	-7.28
-19.0	9.314	-295.19	43.82	-13.53	-5.36	-7.62
-20.0	8.836	-311.03	49.14	-1.24	-4.04	-7.86
-21.0E	8.328	-328.78	48.46	14.78	-2.48	-7.95
-22.0F	7.896	-348.72	33.17	30.55	-0.73	-7.86
-23.0	7.697	-370.36	4.43	38.25	1.13	-7.61
-24.0	7.811	-392.20	-25.86	33.14	2.97	-7.22
-25.0F	8.197	-412.64	-47.68	18.14	4.69	-6.72
-26.0F	8.741	-430.82	-56.53	0.39	6.20	-6.16
-27.0E	9.309	-446.78	-52.75	-14.36	7.45	-5.58
-28.0E	9.791	-461.02	-40.44	-24.21	8.44	-4.97
-29.0E	10.123	-474.11	-24.15	-29.71	9.15	-4.32
-30.0	10.281	-486.61	-6.53	-31.85	9.62	-3.64

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-25.00	0.0	10.00
-1.0	9.842	-13.37	21.10	-22.19	-0.94	9.80
-2.0	9.566	-27.34	32.76	-16.53	-1.91	9.37
-3.0C	9.176	-42.36	43.07	-7.15	-2.93	8.70
-4.0C	8.710	-58.89	46.02	5.79	-3.99	7.74
-5.0D	8.282	-77.26	35.51	19.30	-5.07	6.55
-6.0	8.019	-97.23	14.85	28.37	-6.12	5.18
-7.0	7.985	-117.92	-7.91	29.41	-7.09	3.68
-8.0	8.169	-138.20	-27.14	22.42	-7.89	2.13
-9.0	8.518	-157.18	-40.01	10.37	-8.50	0.60
-10.0	8.963	-174.42	-45.87	-3.04	-8.92	-0.83
-11.0D	9.433	-189.95	-44.91	-14.97	-9.19	-2.11
-12.0D	9.860	-204.02	-37.74	-23.96	-9.32	-3.23
-13.0D	10.189	-217.03	-25.89	-29.73	-9.29	-4.18
-14.0C	10.381	-229.38	-11.40	-32.65	-9.11	-4.97
-15.0D	10.420	-241.45	3.81	-33.19	-8.76	-5.64
-16.0D	10.306	-253.61	18.09	-31.59	-8.23	-6.21
-17.0D	10.058	-266.21	29.90	-27.88	-7.51	-6.69
-18.0	9.706	-279.57	38.53	-21.85	-6.60	-7.12
-19.0	9.277	-294.03	44.98	-12.93	-5.49	-7.48
-20.0	8.789	-310.01	50.24	-0.13	-4.15	-7.75
-21.0E	8.270	-327.97	49.25	16.59	-2.58	-7.86
-22.0F	7.839	-348.20	31.96	32.60	-0.80	-7.80
-23.0	7.665	-370.07	0.91	39.29	1.08	-7.59
-24.0	7.820	-391.95	-30.34	32.34	2.94	-7.25
-25.0F	8.251	-412.20	-51.70	15.77	4.67	-6.80
-26.0F	8.829	-430.05	-58.85	-2.55	6.17	-6.31
-27.0E	9.409	-445.65	-52.71	-16.94	7.42	-5.78
-28.0F	9.879	-459.58	-38.42	-26.05	8.39	-5.22
-29.0	10.184	-472.48	-20.87	-30.81	9.08	-4.61
-30.0	10.303	-484.86	-2.43	-32.25	9.52	-3.94

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-25.00	0.0	10.00
-1.0	9.842	-13.37	21.01	-22.22	-0.94	9.80
-2.0	9.567	-27.34	32.95	-16.52	-1.91	9.37
-3.0C	9.171	-42.36	43.85	-6.95	-2.93	8.69
-4.0D	8.697	-58.93	46.92	6.33	-3.99	7.73
-5.0D	8.263	-77.39	35.40	20.02	-5.07	6.53
-6.0	8.008	-97.43	13.59	28.79	-6.13	5.15
-7.0	7.989	-118.14	-9.61	29.19	-7.10	3.66
-8.0	8.191	-138.35	-28.78	21.56	-7.91	2.11
-9.0	8.556	-157.19	-41.52	9.04	-8.53	0.60
-10.0	9.016	-174.24	-47.30	-4.66	-8.98	-0.81
-11.0D	9.499	-189.55	-46.02	-16.69	-9.27	-2.06
-12.0D	9.934	-203.41	-38.08	-25.56	-9.42	-3.15
-13.0C	10.261	-216.21	-25.19	-31.05	-9.42	-4.07
-14.0C	10.441	-228.39	-9.68	-33.63	-9.25	-4.84
-15.0C	10.457	-240.34	6.33	-33.79	-8.90	-5.49
-16.0D	10.316	-252.45	20.98	-31.77	-8.36	-6.05
-17.0D	10.039	-265.05	32.52	-27.62	-7.63	-6.53
-18.0	9.664	-278.49	40.35	-21.15	-6.70	-6.96
-19.0	9.221	-293.10	46.11	-11.76	-5.57	-7.35
-20.0	8.722	-309.29	51.20	1.70	-4.22	-7.63
-21.0E	8.196	-327.55	49.32	19.12	-2.61	-7.77
-22.0F	7.778	-348.13	29.23	34.92	-0.80	-7.74
-23.0	7.645	-370.22	-4.12	39.88	1.10	-7.56
-24.0	7.855	-392.05	-35.73	30.60	2.97	-7.27
-25.0F	8.336	-411.97	-55.81	12.50	4.69	-6.89
-26.0F	8.943	-429.37	-60.35	-5.98	6.18	-6.47
-27.0E	9.523	-444.56	-51.36	-19.59	7.40	-6.00
-28.0E	9.969	-458.20	-35.15	-27.70	8.33	-5.47
-29.0	10.235	-470.91	-16.59	-31.58	8.99	-4.88
-30.0	10.307	-483.23	2.49	-32.23	9.41	-4.21

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-20.00	0.0	10.00
-1.0	9.852	-13.66	18.94	-17.29	-0.99	9.80
-2.0	9.613	-27.86	27.66	-12.36	-2.01	9.40
-3.0C	9.291	-42.95	34.79	-4.78	-3.06	8.77
-4.0C	8.919	-59.23	36.95	5.21	-4.13	7.90
-5.0D	8.567	-76.94	30.24	15.74	-5.20	6.81
-6.0D	8.330	-95.92	14.87	23.34	-6.23	5.52
-7.0	8.275	-115.56	-4.27	24.95	-7.18	4.11
-8.0	8.412	-134.98	-21.75	19.96	-7.99	2.64
-9.0	8.702	-153.41	-34.05	10.38	-8.62	1.18
-10.0D	9.085	-170.43	-39.75	-0.74	-9.08	-0.21
-11.0D	9.493	-185.99	-39.01	-10.86	-9.38	-1.48
-12.0D	9.865	-200.30	-32.88	-18.67	-9.51	-2.62
-13.0D	10.153	-213.66	-22.97	-23.86	-9.49	-3.61
-14.0C	10.327	-226.42	-10.94	-26.66	-9.31	-4.47
-15.0D	10.374	-238.91	1.77	-27.36	-8.96	-5.23
-16.0D	10.293	-251.44	13.93	-26.15	-8.45	-5.88
-17.0D	10.095	-264.31	24.36	-23.05	-7.75	-6.47
-18.0	9.804	-277.82	32.21	-17.98	-6.88	-6.98
-19.0	9.446	-292.25	37.43	-10.73	-5.82	-7.44
-20.0	9.046	-307.88	40.41	-0.98	-4.57	-7.81
-21.0E	8.631	-325.01	39.75	11.15	-3.11	-8.05
-22.0E	8.261	-343.82	30.87	23.66	-1.46	-8.13
-23.0F	8.037	-364.07	11.38	31.86	0.30	-8.03
-24.0F	8.046	-384.87	-13.16	31.27	2.09	-7.77
-25.0F	8.293	-405.00	-33.97	21.96	3.80	-7.37
-26.0F	8.708	-423.54	-45.40	8.31	5.34	-6.87
-27.0E	9.186	-440.23	-46.40	-4.81	6.68	-6.31
-28.0E	9.630	-455.31	-39.39	-14.81	7.77	-5.68
-29.0E	9.976	-469.20	-27.79	-21.27	8.62	-5.02
-30.0	10.191	-482.34	-14.08	-24.70	9.24	-4.30

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.C	10.000	0.0	10.00	-20.00	0.0	10.00
-1.0	9.853	-13.66	18.84	-17.32	-0.99	9.80
-2.0	9.614	-27.86	27.83	-12.35	-2.01	9.40
-3.CC	9.288	-42.95	35.53	-4.60	-3.06	8.77
-4.0C	8.905	-59.27	38.01	5.74	-4.13	7.89
-5.CD	8.545	-77.07	30.63	16.58	-5.20	6.78
-6.0	8.311	-96.15	13.93	24.07	-6.24	5.49
-7.0	8.271	-115.85	-6.24	25.07	-7.20	4.08
-8.C	8.431	-135.23	-24.17	19.23	-8.02	2.61
-9.C	8.746	-153.52	-36.45	8.89	-8.67	1.17
-10.0D	9.152	-170.32	-41.81	-2.71	-9.15	-0.19
-11.CD	9.578	-185.61	-40.33	-12.97	-9.47	-1.43
-12.0D	9.958	-199.64	-33.13	-20.64	-9.63	-2.53
-13.0C	10.242	-212.75	-22.02	-25.51	-9.63	-3.49
-14.0C	10.401	-225.30	-8.90	-27.90	-9.46	-4.32
-15.0C	10.423	-237.63	4.65	-28.15	-9.12	-5.05
-16.CD	10.309	-250.08	17.23	-26.45	-8.60	-5.69
-17.0D	10.078	-262.95	27.47	-22.82	-7.89	-6.27
-18.0	9.758	-276.54	34.54	-17.22	-7.00	-6.80
-19.C	9.382	-291.13	38.80	-9.45	-5.93	-7.27
-20.0	8.971	-306.99	41.21	0.85	-4.65	-7.67
-21.CE	8.550	-324.42	40.03	13.59	-3.16	-7.94
-22.0E	8.184	-343.58	29.52	26.34	-1.48	-8.05
-23.CF	7.987	-364.16	7.56	33.65	0.31	-7.98
-24.0F	8.044	-385.09	-18.47	31.12	2.11	-7.76
-25.CF	8.345	-405.07	-38.95	19.88	3.83	-7.42
-26.0F	8.803	-423.27	-48.51	5.27	5.37	-6.97
-27.0E	9.299	-439.57	-46.96	-7.74	6.69	-6.46
-28.0E	9.737	-454.29	-37.71	-17.04	7.75	-5.89
-29.0	10.057	-467.91	-24.57	-22.67	8.58	-5.25
-30.C	10.234	-480.89	-9.89	-25.29	9.16	-4.56

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-20.00	0.0	10.00
-1.0	9.854	-13.65	18.75	-17.34	-0.99	9.80
-2.0	9.615	-27.86	28.00	-12.35	-2.00	9.40
-3.0C	9.284	-42.95	36.27	-4.42	-3.06	8.77
-4.0C	8.891	-59.32	39.05	6.27	-4.13	7.87
-5.0D	8.523	-77.19	30.96	17.39	-5.20	6.75
-6.0	8.293	-96.37	12.93	24.75	-6.25	5.45
-7.0	8.269	-116.13	-8.23	25.11	-7.21	4.04
-8.0	8.451	-135.47	-26.56	18.44	-8.05	2.59
-9.0	8.791	-153.60	-38.83	7.37	-8.71	1.16
-10.0D	9.220	-170.17	-43.79	-4.66	-9.22	-0.17
-11.0D	9.662	-185.21	-41.45	-15.00	-9.56	-1.38
-12.0D	10.047	-198.98	-33.01	-22.44	-9.75	-2.44
-13.0C	10.324	-211.85	-20.62	-26.92	-9.76	-3.36
-14.0C	10.463	-224.22	-6.40	-28.85	-9.60	-4.17
-15.0C	10.454	-236.44	7.93	-28.60	-9.25	-4.87
-16.0D	10.305	-248.86	20.79	-26.35	-8.71	-5.51
-17.0D	10.040	-261.79	30.60	-22.14	-7.99	-6.09
-18.0	9.693	-275.53	36.59	-15.97	-7.07	-6.63
-19.0	9.301	-290.34	39.79	-7.65	-5.97	-7.13
-20.0	8.883	-306.49	41.62	3.24	-4.67	-7.56
-21.0E	8.462	-324.28	39.65	16.52	-3.15	-7.85
-22.0E	8.110	-343.83	26.92	29.13	-1.44	-7.98
-23.0F	7.953	-364.70	2.40	34.93	0.38	-7.94
-24.0F	8.069	-385.65	-24.47	30.05	2.20	-7.76
-25.0F	8.427	-405.37	-43.70	16.97	3.90	-7.47
-26.0E	8.920	-423.13	-50.58	1.86	5.43	-7.08
-27.0E	9.422	-438.99	-46.14	-10.57	6.71	-6.61
-28.0E	9.840	-453.37	-34.79	-18.91	7.74	-6.07
-29.0	10.124	-466.77	-20.44	-23.60	8.53	-5.46
-30.0	10.254	-479.65	-5.06	-25.35	9.08	-4.76

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-20.00	0.0	10.00
-1.0	9.854	-13.65	18.65	-17.37	-0.99	9.80
-2.0	9.615	-27.85	28.16	-12.35	-2.00	9.40
-3.CC	9.280	-42.95	37.00	-4.25	-3.06	8.76
-4.0C	8.878	-59.36	40.08	6.79	-4.13	7.86
-5.CD	8.502	-77.31	31.22	18.19	-5.21	6.72
-6.C	8.276	-96.59	11.86	25.37	-6.26	5.42
-7.0	8.268	-116.39	-10.23	25.09	-7.23	4.01
-8.0	8.473	-135.68	-28.93	17.59	-8.08	2.56
-9.0	8.838	-153.66	-41.18	5.82	-8.76	1.16
-10.CD	9.289	-170.01	-45.68	-6.58	-9.29	-0.15
-11.0D	9.745	-184.78	-42.31	-16.92	-9.66	-1.32
-12.0C	10.132	-198.30	-32.51	-24.05	-9.86	-2.34
-13.0C	10.397	-210.97	-18.80	-28.10	-9.88	-3.24
-14.0C	10.511	-223.20	-3.51	-29.53	-9.71	-4.01
-15.0C	10.470	-235.35	11.51	-28.75	-9.35	-4.70
-16.0D	10.283	-247.78	24.46	-25.90	-8.80	-5.33
-17.0D	9.983	-260.81	33.54	-21.07	-8.04	-5.91
-18.0	9.612	-274.75	38.23	-14.32	-7.10	-6.48
-19.0	9.209	-289.83	40.37	-5.46	-5.98	-7.01
-20.C	8.789	-306.32	41.70	6.01	-4.64	-7.46
-21.0E	8.371	-324.51	38.61	19.71	-3.08	-7.78
-22.0F	8.042	-344.46	23.18	31.79	-1.34	-7.93
-23.0F	7.937	-365.56	-3.69	35.56	0.50	-7.92
-24.0F	8.118	-386.43	-30.66	28.15	2.32	-7.78
-25.0F	8.530	-405.77	-47.79	13.55	4.01	-7.53
-26.0E	9.049	-423.06	-51.41	-1.56	5.49	-7.19
-27.0E	9.544	-438.50	-44.07	-13.07	6.74	-6.76
-28.C	9.931	-452.57	-30.98	-20.31	7.73	-6.24
-29.C	10.171	-465.80	-15.75	-24.03	8.47	-5.63
-30.0	10.251	-478.65	0.10	-24.89	8.99	-4.92

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-15.00	0.0	10.00
-1.0	9.864	-13.94	16.54	-12.46	-1.04	9.81
-2.0	9.662	-28.37	22.88	-8.22	-2.10	9.43
-3.0	9.400	-43.53	27.99	-2.07	-3.18	8.84
-4.0C	9.102	-59.65	29.54	5.75	-4.27	8.04
-5.0D	8.818	-76.87	24.64	13.86	-5.35	7.01
-6.0D	8.622	-95.07	12.72	19.78	-6.37	5.81
-7.0D	8.572	-113.79	-3.10	21.12	-7.30	4.49
-8.0D	8.683	-132.35	-18.28	17.24	-8.11	3.10
-9.0D	8.932	-150.14	-29.40	9.52	-8.77	1.71
-10.0D	9.265	-166.76	-34.82	0.34	-9.26	0.38
-11.0D	9.624	-182.16	-34.43	-8.20	-9.58	-0.86
-12.0D	9.953	-196.48	-29.21	-14.93	-9.75	-1.99
-13.0C	10.210	-209.97	-20.64	-19.49	-9.76	-3.01
-14.0C	10.369	-222.91	-10.19	-22.00	-9.60	-3.91
-15.0C	10.416	-235.60	0.86	-22.68	-9.29	-4.72
-16.0D	10.353	-248.31	11.41	-21.67	-8.80	-5.45
-17.0D	10.188	-261.31	20.36	-19.06	-8.16	-6.11
-18.0D	9.945	-274.84	26.82	-14.91	-7.34	-6.71
-19.0	9.649	-289.11	30.51	-9.26	-6.35	-7.26
-20.0	9.329	-304.32	31.89	-2.14	-5.20	-7.74
-21.0	9.004	-320.62	31.24	6.33	-3.88	-8.13
-22.0E	8.701	-338.12	27.24	15.45	-2.39	-8.37
-23.0E	8.467	-356.77	17.44	23.28	-0.76	-8.43
-24.0E	8.365	-376.21	1.77	26.87	0.93	-8.31
-25.0F	8.437	-395.73	-15.65	24.34	2.60	-8.03
-26.0F	8.672	-414.53	-29.40	16.60	4.19	-7.59
-27.0E	9.014	-432.10	-36.24	6.58	5.61	-7.05
-28.0E	9.388	-448.32	-35.93	-2.88	6.85	-6.42
-29.0E	9.730	-463.34	-30.22	-10.24	7.87	-5.73
-30.0E	9.996	-477.45	-21.23	-15.16	8.67	-4.98

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-15.00	0.0	10.00
-1.0	9.865	-13.94	16.44	-12.49	-1.04	9.81
-2.0	9.663	-28.37	23.03	-8.22	-2.10	9.43
-3.0	9.397	-43.53	28.68	-1.91	-3.18	8.84
-4.0C	9.089	-59.68	30.67	6.25	-4.27	8.02
-5.0D	8.795	-76.98	25.44	14.74	-5.35	6.98
-6.0D	8.596	-95.30	12.33	20.73	-6.37	5.77
-7.0D	8.556	-114.12	-4.79	21.65	-7.31	4.44
-8.0D	8.690	-132.71	-20.83	16.97	-8.14	3.05
-9.0D	8.966	-150.41	-32.19	8.41	-8.81	1.68
-10.0D	9.327	-166.85	-37.24	-1.36	-9.32	0.37
-11.0D	9.706	-182.00	-35.95	-10.13	-9.67	-0.84
-12.0C	10.044	-196.06	-29.50	-16.75	-9.86	-1.94
-13.0C	10.298	-209.30	-19.64	-21.00	-9.88	-2.92
-14.0C	10.440	-222.04	-8.07	-23.10	-9.73	-3.79
-15.0C	10.462	-234.58	3.83	-23.30	-9.41	-4.57
-16.0D	10.365	-247.23	14.81	-21.77	-8.92	-5.29
-17.0D	10.167	-260.25	23.58	-18.60	-8.25	-5.94
-18.0D	9.894	-273.88	29.18	-13.90	-7.41	-6.55
-19.0	9.580	-288.33	31.65	-7.80	-6.41	-7.12
-20.0	9.253	-303.78	32.04	-0.33	-5.23	-7.63
-21.0	8.930	-320.34	30.84	8.40	-3.88	-8.04
-22.0E	8.634	-338.13	26.28	17.65	-2.37	-8.30
-23.0E	8.415	-357.06	15.40	25.20	-0.72	-8.38
-24.0F	8.340	-376.69	-1.52	27.87	0.99	-8.28
-25.0F	8.449	-396.24	-19.42	24.03	2.68	-8.01
-26.0F	8.720	-414.92	-32.50	15.20	4.26	-7.61
-27.0E	9.087	-432.26	-37.82	4.75	5.68	-7.09
-28.0E	9.469	-448.21	-35.76	-4.52	6.89	-6.49
-29.0E	9.801	-463.01	-28.57	-11.37	7.89	-5.82
-30.0E	10.043	-476.97	-18.53	-15.66	8.67	-5.07

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-15.00	0.0	10.00
-1.0	9.866	-13.94	16.35	-12.51	-1.04	9.81
-2.0	9.664	-28.36	23.17	-8.23	-2.10	9.43
-3.0	9.394	-43.53	29.36	-1.76	-3.18	8.84
-4.0C	9.076	-59.72	31.78	6.74	-4.27	8.01
-5.0D	8.772	-77.10	26.17	15.59	-5.35	6.95
-6.0D	8.571	-95.53	11.84	21.63	-6.38	5.73
-7.0D	8.543	-114.45	-6.57	22.08	-7.33	4.39
-8.0D	8.700	-133.04	-23.39	16.60	-8.16	3.01
-9.0D	9.003	-150.64	-34.91	7.24	-8.85	1.65
-10.0D	9.390	-166.89	-39.48	-3.05	-9.38	0.36
-11.0D	9.787	-181.81	-37.14	-11.94	-9.75	-0.82
-12.0C	10.131	-195.61	-29.35	-18.36	-9.96	-1.88
-13.0C	10.376	-208.64	-18.20	-22.25	-9.98	-2.83
-14.0C	10.498	-221.21	-5.55	-23.89	-9.84	-3.67
-15.0C	10.490	-233.66	7.11	-23.58	-9.51	-4.43
-16.0D	10.358	-246.29	18.34	-21.48	-8.99	-5.14
-17.0D	10.124	-259.38	26.66	-17.72	-8.30	-5.79
-18.0D	9.826	-273.17	31.09	-12.49	-7.44	-6.42
-19.0	9.500	-287.86	32.20	-5.98	-6.41	-7.01
-20.0	9.173	-303.57	31.65	1.76	-5.21	-7.55
-21.0	8.856	-320.43	29.97	10.66	-3.84	-7.98
-22.0E	8.571	-338.51	24.76	19.87	-2.29	-8.26
-23.0E	8.374	-357.69	12.69	26.87	-0.62	-8.35
-24.0F	8.333	-377.46	-5.26	28.36	1.10	-8.26
-25.0F	8.481	-396.98	-23.14	23.17	2.79	-8.01
-26.0E	8.785	-415.46	-35.03	13.47	4.36	-7.62
-27.0E	9.168	-432.53	-38.50	2.90	5.76	-7.13
-28.0E	9.547	-448.22	-34.66	-5.93	6.95	-6.54
-29.0E	9.861	-462.83	-26.17	-12.12	7.92	-5.88
-30.0	10.075	-476.69	-15.31	-15.71	8.67	-5.13

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-15.00	0.0	10.00
-1.0	9.867	-13.94	16.25	-12.54	-1.04	9.81
-2.0	9.665	-28.36	23.31	-8.23	-2.10	9.43
-3.0	9.391	-43.53	30.04	-1.60	-3.18	8.84
-4.0C	9.063	-59.75	32.88	7.23	-4.27	7.99
-5.0D	8.749	-77.22	26.83	16.43	-5.35	6.93
-6.0D	8.548	-95.76	11.24	22.48	-6.38	5.69
-7.0D	8.533	-114.76	-8.41	22.43	-7.34	4.35
-8.0D	8.712	-133.35	-25.95	16.13	-8.19	2.97
-9.0D	9.043	-150.84	-37.55	6.00	-8.90	1.63
-10.0D	9.454	-166.90	-41.51	-4.72	-9.45	0.36
-11.0D	9.866	-181.58	-37.99	-13.63	-9.84	-0.79
-12.0C	10.212	-195.16	-28.80	-19.78	-10.05	-1.81
-13.0C	10.444	-207.99	-16.36	-23.25	-10.08	-2.73
-14.0C	10.542	-220.44	-2.71	-24.41	-9.93	-3.55
-15.0C	10.501	-232.83	10.58	-23.56	-9.58	-4.30
-16.0D	10.333	-245.49	21.87	-20.87	-9.04	-5.00
-17.0D	10.066	-258.70	29.43	-16.52	-8.32	-5.66
-18.0D	9.746	-272.69	32.44	-10.79	-7.43	-6.30
-19.0	9.414	-287.64	32.16	-3.95	-6.38	-6.92
-20.0	9.092	-303.65	30.83	3.97	-5.16	-7.49
-21.0	8.786	-320.80	28.76	12.95	-3.76	-7.94
-22.0E	8.517	-339.17	22.84	21.97	-2.18	-8.23
-23.0E	8.344	-358.56	9.59	28.21	-0.49	-8.33
-24.0F	8.340	-378.41	-9.10	28.41	1.24	-8.25
-25.0F	8.526	-397.82	-26.51	21.96	2.92	-8.01
-26.0E	8.857	-416.07	-36.84	11.66	4.48	-7.64
-27.0E	9.249	-432.87	-38.36	1.24	5.86	-7.16
-28.0E	9.618	-448.34	-32.89	-7.00	7.02	-6.58
-29.0E	9.908	-462.80	-23.33	-12.47	7.95	-5.91
-30.0	10.089	-476.61	-11.86	-15.35	8.67	-5.15

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-10.00	0.0	10.00
-1.0	9.877	-14.23	14.10	-7.64	-1.09	9.82
-2.0	9.712	-28.88	18.04	-4.14	-2.19	9.46
-3.0	9.511	-44.10	21.13	0.60	-3.31	8.92
-4.0C	9.288	-60.05	21.90	6.32	-4.42	8.17
-5.0C	9.077	-76.78	18.52	12.13	-5.49	7.23
-6.0D	8.926	-94.22	10.22	16.45	-6.50	6.11
-7.0D	8.880	-112.06	-1.48	17.69	-7.42	4.88
-8.0D	8.957	-129.82	-13.52	15.19	-8.22	3.57
-9.0D	9.147	-147.04	-23.00	9.68	-8.87	2.24
-10.0D	9.413	-163.40	-28.23	2.71	-9.37	0.94
-11.0D	9.709	-178.79	-28.83	-4.14	-9.70	-0.30
-12.0C	9.989	-193.28	-25.39	-9.84	-9.88	-1.45
-13.0C	10.218	-207.04	-19.01	-13.95	-9.91	-2.51
-14.0C	10.372	-220.30	-10.88	-16.44	-9.77	-3.47
-15.0C	10.438	-233.28	-2.03	-17.40	-9.49	-4.35
-16.0C	10.414	-246.21	6.59	-16.97	-9.05	-5.15
-17.0D	10.307	-259.30	14.05	-15.25	-8.46	-5.89
-18.0D	10.133	-272.77	19.54	-12.38	-7.72	-6.56
-19.0D	9.916	-286.75	22.56	-8.53	-6.83	-7.19
-20.0	9.680	-301.38	23.28	-3.93	-5.80	-7.75
-21.0	9.446	-316.73	22.32	1.21	-4.63	-8.23
-22.0	9.227	-332.83	20.14	6.64	-3.34	-8.60
-23.0	9.038	-349.67	16.55	11.93	-1.92	-8.83
-24.0E	8.896	-367.16	10.84	16.30	-0.42	-8.89
-25.0E	8.825	-385.10	2.77	18.73	1.13	-8.75
-26.0F	8.844	-403.17	-6.63	18.36	2.66	-8.44
-27.0E	8.958	-420.97	-15.29	15.18	4.12	-7.95
-28.0E	9.148	-438.19	-21.27	10.05	5.47	-7.33
-29.0E	9.380	-454.63	-23.61	4.24	6.66	-6.61
-30.0E	9.618	-470.27	-22.39	-1.12	7.68	-5.79

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-10.00	0.0	10.00
-1.0	9.878	-14.23	14.00	-7.67	-1.09	9.82
-2.0	9.713	-28.87	18.16	-4.15	-2.19	9.46
-3.0	9.508	-44.10	21.75	0.73	-3.31	8.91
-4.0C	9.276	-60.08	23.02	6.76	-4.42	8.16
-5.0C	9.053	-76.89	19.65	12.98	-5.49	7.20
-6.0D	8.894	-94.45	10.54	17.57	-6.50	6.07
-7.0D	8.851	-112.43	-2.43	18.67	-7.43	4.81
-8.0D	8.944	-130.28	-15.60	15.62	-8.23	3.50
-9.0D	9.159	-147.51	-25.68	9.35	-8.90	2.17
-10.0D	9.453	-163.78	-30.83	1.71	-9.41	0.88
-11.0D	9.772	-179.00	-30.75	-5.52	-9.77	-0.34
-12.0C	10.067	-193.28	-26.26	-11.30	-9.96	-1.46
-13.0C	10.298	-206.83	-18.72	-15.26	-9.99	-2.49
-14.0C	10.444	-219.89	-9.50	-17.46	-9.87	-3.42
-15.0C	10.491	-232.72	0.23	-18.04	-9.58	-4.28
-16.0C	10.441	-245.56	9.39	-17.16	-9.13	-5.06
-17.0D	10.305	-258.65	16.91	-14.97	-8.53	-5.79
-18.0D	10.104	-272.16	21.83	-11.64	-7.77	-6.46
-19.0D	9.868	-286.27	23.79	-7.44	-6.86	-7.10
-20.0	9.626	-301.07	23.32	-2.66	-5.81	-7.67
-21.0	9.396	-316.59	21.47	2.47	-4.63	-8.18
-22.0	9.189	-332.85	18.90	7.75	-3.32	-8.57
-23.0	9.013	-349.81	15.33	12.82	-1.89	-8.81
-24.0E	8.882	-367.39	9.85	16.98	-0.38	-8.87
-25.0E	8.819	-385.39	2.03	19.22	1.17	-8.74
-26.0E	8.845	-403.49	-7.16	18.71	2.71	-8.42
-27.0E	8.963	-421.31	-15.62	15.44	4.17	-7.93
-28.0E	9.155	-438.53	-21.37	10.29	5.51	-7.31
-29.0E	9.387	-454.98	-23.41	4.55	6.70	-6.57
-30.0E	9.622	-470.63	-21.90	-0.68	7.72	-5.75

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-10.00	0.0	10.00
-1.0	9.878	-14.22	13.90	-7.69	-1.09	9.82
-2.0	9.714	-28.87	18.28	-4.16	-2.19	9.46
-3.0	9.505	-44.10	22.37	0.86	-3.31	8.91
-4.0C	9.264	-60.11	24.15	7.21	-4.42	8.14
-5.0C	9.029	-77.00	20.73	13.83	-5.49	7.17
-6.0D	8.863	-94.68	10.74	18.65	-6.51	6.02
-7.0D	8.824	-112.78	-3.55	19.56	-7.44	4.75
-8.0D	8.936	-130.72	-17.81	15.89	-8.25	3.43
-9.0D	9.176	-147.93	-28.36	8.86	-8.93	2.11
-10.0D	9.496	-164.09	-33.29	0.62	-9.46	0.83
-11.0C	9.837	-179.14	-32.36	-6.90	-9.83	-0.36
-12.0C	10.142	-193.21	-26.70	-12.65	-10.04	-1.46
-13.0C	10.372	-206.57	-17.95	-16.39	-10.08	-2.46
-14.0C	10.504	-219.47	-7.68	-18.23	-9.95	-3.37
-15.0C	10.528	-232.19	2.85	-18.38	-9.65	-4.20
-16.0C	10.449	-244.99	12.41	-17.02	-9.19	-4.97
-17.0D	10.282	-258.11	19.75	-14.31	-8.56	-5.69
-18.0D	10.056	-271.73	23.82	-10.53	-7.78	-6.38
-19.0	9.807	-286.01	24.45	-6.03	-6.85	-7.02
-20.0	9.564	-301.01	22.72	-1.16	-5.78	-7.62
-21.0	9.345	-316.73	20.07	3.84	-4.59	-8.14
-22.0	9.154	-333.15	17.22	8.83	-3.26	-8.55
-23.0	8.995	-350.22	13.77	13.56	-1.83	-8.81
-24.0E	8.878	-367.86	8.65	17.41	-0.31	-8.87
-25.0E	8.826	-385.87	1.28	19.41	1.24	-8.74
-26.0E	8.857	-403.96	-7.47	18.80	2.78	-8.41
-27.0E	8.976	-421.76	-15.55	15.55	4.24	-7.91
-28.0E	9.166	-438.97	-20.98	10.52	5.58	-7.27
-29.0E	9.393	-455.42	-22.78	4.97	6.76	-6.52
-30.0E	9.620	-471.10	-21.07	-0.04	7.76	-5.68

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-10.00	0.0	10.00
-1.0	9.879	-14.22	13.80	-7.72	-1.09	9.82
-2.0	9.715	-28.86	18.40	-4.16	-2.19	9.46
-3.0	9.503	-44.10	22.98	0.99	-3.31	8.91
-4.0C	9.253	-60.13	25.26	7.65	-4.41	8.13
-5.0C	9.006	-77.10	21.76	14.68	-5.49	7.14
-6.0D	8.833	-94.91	10.81	19.70	-6.51	5.97
-7.0D	8.801	-113.13	-4.81	20.35	-7.44	4.70
-8.0D	8.931	-131.13	-20.10	16.04	-8.27	3.37
-9.0D	9.197	-148.31	-31.03	8.25	-8.97	2.05
-10.0D	9.543	-164.35	-35.56	-0.54	-9.51	0.79
-11.0C	9.902	-179.22	-33.65	-8.25	-9.89	-0.38
-12.0C	10.214	-193.10	-26.73	-13.89	-10.11	-1.45
-13.0C	10.439	-206.27	-16.77	-17.32	-10.15	-2.43
-14.0C	10.553	-219.04	-5.50	-18.77	-10.02	-3.31
-15.0C	10.551	-231.69	5.72	-18.46	-9.71	-4.13
-16.0C	10.441	-244.49	15.54	-16.58	-9.23	-4.89
-17.0D	10.243	-257.68	22.44	-13.35	-8.57	-5.61
-18.0D	9.996	-271.46	25.35	-9.14	-7.76	-6.30
-19.0	9.738	-285.94	24.49	-4.42	-6.81	-6.96
-20.0	9.502	-301.16	21.54	0.41	-5.73	-7.58
-21.0	9.299	-317.07	18.23	5.15	-4.52	-8.13
-22.0	9.128	-333.63	15.25	9.76	-3.18	-8.56
-23.0	8.987	-350.78	12.06	14.07	-1.74	-8.82
-24.0E	8.886	-368.44	7.46	17.56	-0.22	-8.88
-25.0E	8.842	-386.43	0.75	19.37	1.33	-8.74
-26.0E	8.875	-404.48	-7.37	18.75	2.86	-8.40
-27.0E	8.991	-422.25	-14.99	15.67	4.31	-7.89
-28.0E	9.173	-439.45	-20.15	10.90	5.64	-7.23
-29.0E	9.391	-455.92	-21.85	5.62	6.81	-6.46
-30.0E	9.609	-471.66	-20.16	0.85	7.81	-5.60

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-5.00	0.0	10.00
-1.0	9.890	-14.51	11.61	-2.84	-1.14	9.82
-2.0	9.763	-29.37	13.14	-0.10	-2.29	9.49
-3.0	9.622	-44.66	14.20	3.21	-3.44	8.99
-4.0C	9.477	-60.43	14.02	6.92	-4.56	8.31
-5.0C	9.343	-76.69	11.67	10.51	-5.64	7.45
-6.0C	9.247	-93.38	6.64	13.20	-6.64	6.43
-7.0C	9.215	-110.32	-0.59	14.14	-7.54	5.29
-8.0D	9.262	-127.24	-8.55	12.89	-8.32	4.07
-9.0D	9.386	-143.84	-15.48	9.63	-8.96	2.80
-10.0D	9.570	-159.90	-20.01	5.13	-9.45	1.53
-11.0C	9.785	-175.29	-21.57	0.30	-9.78	0.30
-12.0C	10.002	-190.01	-20.26	-4.09	-9.96	-0.89
-13.0C	10.192	-204.14	-16.62	-7.60	-9.99	-2.00
-14.0C	10.336	-217.81	-11.40	-10.03	-9.88	-3.03
-15.0C	10.422	-231.19	-5.33	-11.37	-9.63	-3.99
-16.0C	10.445	-244.43	0.85	-11.66	-9.23	-4.88
-17.0D	10.407	-257.70	6.48	-11.01	-8.71	-5.70
-18.0D	10.316	-271.13	10.90	-9.55	-8.05	-6.46
-19.0D	10.189	-284.85	13.65	-7.46	-7.26	-7.15
-20.0D	10.043	-298.93	14.56	-4.98	-6.36	-7.77
-21.0	9.897	-313.42	13.89	-2.35	-5.35	-8.33
-22.0	9.763	-328.31	12.17	0.21	-4.24	-8.80
-23.0	9.650	-343.57	9.96	2.55	-3.04	-9.16
-24.0	9.560	-359.15	7.65	4.58	-1.78	-9.39
-25.0	9.493	-374.99	5.42	6.24	-0.46	-9.48
-26.0	9.448	-391.02	3.28	7.50	0.88	-9.41
-27.0	9.426	-407.18	1.17	8.31	2.22	-9.16
-28.0	9.424	-423.40	-0.94	8.62	3.52	-8.74
-29.0E	9.445	-439.60	-3.00	8.42	4.75	-8.16
-30.0E	9.485	-455.72	-4.89	7.71	5.89	-7.43

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-5.00	0.0	10.00
-1.0	9.890	-14.51	11.51	-2.87	-1.14	9.82
-2.0	9.764	-29.37	13.24	-0.12	-2.29	9.49
-3.0	9.620	-44.66	14.74	3.32	-3.44	8.99
-4.0C	9.466	-60.45	15.08	7.30	-4.56	8.29
-5.0C	9.320	-76.78	12.99	11.30	-5.64	7.42
-6.0C	9.212	-93.59	7.64	14.38	-6.64	6.38
-7.0C	9.173	-110.69	-0.50	15.48	-7.54	5.22
-8.0D	9.225	-127.77	-9.61	14.04	-8.33	3.97
-9.0D	9.366	-144.48	-17.47	10.29	-8.97	2.69
-10.0D	9.573	-160.58	-22.46	5.18	-9.47	1.42
-11.0C	9.813	-175.93	-23.90	-0.18	-9.81	0.19
-12.0C	10.050	-190.54	-22.02	-4.91	-10.00	-0.98
-13.0C	10.254	-204.53	-17.54	-8.54	-10.04	-2.08
-14.0C	10.403	-218.04	-11.39	-10.93	-9.93	-3.09
-15.0C	10.485	-231.26	-4.46	-12.09	-9.68	-4.03
-16.0C	10.495	-244.38	2.42	-12.13	-9.28	-4.90
-17.0C	10.438	-257.56	8.45	-11.16	-8.75	-5.70
-18.0D	10.327	-270.96	12.85	-9.37	-8.07	-6.44
-19.0D	10.182	-284.70	15.10	-7.01	-7.28	-7.12
-20.0D	10.026	-298.83	15.17	-4.37	-6.36	-7.75
-21.0	9.878	-313.39	13.55	-1.75	-5.34	-8.31
-22.0	9.752	-328.34	11.03	0.61	-4.23	-8.79
-23.0	9.653	-343.62	8.36	2.60	-3.03	-9.16
-24.0	9.580	-359.17	5.98	4.21	-1.78	-9.41
-25.0	9.529	-374.92	4.07	5.49	-0.47	-9.52
-26.0	9.495	-390.82	2.63	6.50	0.85	-9.46
-27.0	9.474	-406.82	1.48	7.29	2.17	-9.22
-28.0	9.464	-422.90	0.45	7.88	3.45	-8.81
-29.0E	9.465	-439.01	-0.65	8.22	4.68	-8.23
-30.0E	9.478	-455.13	-1.95	8.25	5.81	-7.49

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-5.00	0.0	10.00
-1.0	9.891	-14.51	11.41	-2.89	-1.14	9.83
-2.0	9.765	-29.37	13.33	-0.13	-2.29	9.49
-3.0	9.618	-44.66	15.28	3.42	-3.44	8.98
-4.0C	9.456	-60.47	16.15	7.68	-4.56	8.28
-5.0C	9.297	-76.87	14.29	12.09	-5.64	7.39
-6.0C	9.177	-93.80	8.54	15.54	-6.64	6.34
-7.0D	9.134	-111.06	-0.61	16.76	-7.54	5.15
-8.0D	9.193	-128.28	-10.91	15.04	-8.33	3.89
-9.0D	9.352	-145.09	-19.66	10.73	-8.99	2.59
-10.0D	9.584	-161.20	-24.95	5.00	-9.49	1.32
-11.0C	9.848	-176.48	-26.08	-0.84	-9.85	0.09
-12.0C	10.104	-190.96	-23.44	-5.82	-10.05	-1.06
-13.0C	10.318	-204.79	-17.99	-9.48	-10.09	-2.14
-14.0C	10.466	-218.15	-10.85	-11.72	-9.99	-3.13
-15.0C	10.538	-231.24	-3.05	-12.63	-9.73	-4.05
-16.0C	10.530	-244.26	4.46	-12.33	-9.32	-4.89
-17.0C	10.451	-257.41	10.74	-10.98	-8.77	-5.68
-18.0D	10.318	-270.83	14.89	-8.82	-8.08	-6.41
-19.0D	10.155	-284.63	16.37	-6.17	-7.26	-7.10
-20.0D	9.991	-298.88	15.34	-3.42	-6.33	-7.73
-21.0	9.847	-313.55	12.62	-0.91	-5.30	-8.30
-22.0	9.735	-328.58	9.28	1.13	-4.18	-8.79
-23.0	9.657	-343.89	6.15	2.64	-2.99	-9.18
-24.0	9.607	-359.40	3.71	3.69	-1.74	-9.45
-25.0	9.578	-375.03	2.14	4.44	-0.46	-9.57
-26.0	9.561	-390.74	1.38	5.04	0.84	-9.52
-27.0	9.547	-406.52	1.28	5.65	2.14	-9.31
-28.0	9.533	-422.36	1.52	6.37	3.40	-8.91
-29.0	9.516	-438.28	1.75	7.20	4.60	-8.33
-30.0E	9.499	-454.28	1.53	8.05	5.71	-7.59

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	-5.00	0.0	10.00
-1.0	9.892	-14.51	11.31	-2.92	-1.14	9.83
-2.0	9.766	-29.36	13.42	-0.15	-2.29	9.49
-3.0	9.616	-44.65	15.82	3.53	-3.43	8.98
-4.0C	9.446	-60.50	17.21	8.06	-4.56	8.27
-5.0C	9.275	-76.96	15.57	12.87	-5.63	7.37
-6.0C	9.143	-94.01	9.34	16.68	-6.64	6.29
-7.0D	9.098	-111.41	-0.92	17.96	-7.55	5.08
-8.0D	9.166	-128.77	-12.43	15.90	-8.34	3.80
-9.0D	9.345	-145.65	-21.99	10.98	-9.00	2.50
-10.0D	9.602	-161.74	-27.43	4.62	-9.52	1.23
-11.0C	9.890	-176.93	-28.07	-1.64	-9.89	0.01
-12.0C	10.161	-191.28	-24.50	-6.77	-10.10	-1.12
-13.0C	10.381	-204.96	-17.99	-10.36	-10.15	-2.18
-14.0C	10.524	-218.17	-9.84	-12.39	-10.04	-3.15
-15.0C	10.580	-231.15	-1.21	-12.97	-9.78	-4.05
-16.0C	10.551	-244.12	6.84	-12.28	-9.35	-4.88
-17.0C	10.446	-257.26	13.20	-10.51	-8.78	-5.66
-18.0D	10.290	-270.74	16.83	-7.96	-8.07	-6.39
-19.0D	10.113	-284.67	17.26	-5.06	-7.23	-7.07
-20.0D	9.947	-299.05	14.93	-2.27	-6.28	-7.71
-21.0	9.813	-313.86	11.07	0.01	-5.24	-8.30
-22.0	9.721	-328.98	6.95	1.60	-4.12	-8.81
-23.0	9.669	-344.30	3.44	2.50	-2.93	-9.21
-24.0	9.647	-359.73	0.99	2.88	-1.69	-9.50
-25.0	9.644	-375.20	-0.28	2.97	-0.43	-9.63
-26.0	9.649	-390.66	-0.40	3.04	0.84	-9.61
-27.0	9.649	-406.12	0.47	3.30	2.10	-9.42
-28.0	9.637	-421.63	2.04	3.97	3.32	-9.05
-29.0	9.606	-437.22	3.86	5.12	4.48	-8.50
-30.0E	9.559	-452.98	5.29	6.73	5.57	-7.77

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	0.0	0.0	10.00
-1.0	9.903	-14.79	9.07	1.94	-1.19	9.83
-2.0	9.814	-29.87	8.19	3.88	-2.38	9.52
-3.0	9.735	-45.21	7.22	5.79	-3.56	9.06
-4.0	9.668	-60.80	5.91	7.57	-4.71	8.44
-5.00	9.616	-76.59	4.00	9.04	-5.79	7.68
-6.00	9.588	-92.54	1.35	9.98	-6.79	6.77
-7.00	9.591	-108.55	-1.93	10.17	-7.68	5.75
-8.00	9.629	-124.51	-5.47	9.48	-8.44	4.64
-9.00	9.702	-140.29	-8.71	7.96	-9.06	3.46
-10.00	9.804	-155.80	-11.13	5.82	-9.54	2.26
-11.00	9.925	-170.96	-12.39	3.36	-9.87	1.05
-12.00	10.053	-185.76	-12.37	0.89	-10.05	-0.15
-13.00	10.174	-200.19	-11.16	-1.33	-10.09	-1.30
-14.00	10.278	-214.31	-9.00	-3.13	-9.99	-2.41
-15.00	10.356	-228.19	-6.22	-4.41	-9.76	-3.46
-16.00	10.405	-241.91	-3.19	-5.17	-9.40	-4.45
-17.00	10.422	-255.54	-0.27	-5.43	-8.93	-5.38
-18.00	10.412	-269.16	2.19	-5.27	-8.34	-6.23
-19.00	10.380	-282.84	3.93	-4.79	-7.65	-7.02
-20.00	10.334	-296.62	4.79	-4.15	-6.86	-7.73
-21.00	10.285	-310.51	4.79	-3.47	-5.99	-8.36
-22.00	10.239	-324.53	4.08	-2.89	-5.04	-8.91
-23.0	10.203	-338.64	2.93	-2.49	-4.04	-9.37
-24.0	10.180	-352.82	1.64	-2.33	-2.98	-9.73
-25.0	10.169	-367.04	0.49	-2.38	-1.89	-9.99
-26.0	10.168	-381.25	-0.32	-2.59	-0.78	-10.14
-27.0	10.174	-395.44	-0.64	-2.88	0.33	-10.17
-28.0	10.180	-409.61	-0.40	-3.12	1.44	-10.08
-29.0	10.180	-423.76	0.40	-3.21	2.52	-9.86
-30.0	10.169	-437.92	1.75	-3.04	3.58	-9.52

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	0.0	0.0	10.00
-1.0	9.903	-14.79	8.97	1.92	-1.19	9.83
-2.0	9.815	-29.86	8.26	3.87	-2.38	9.52
-3.0	9.734	-45.21	7.67	5.87	-3.56	9.06
-4.0	9.659	-60.81	6.85	7.88	-4.71	8.43
-5.00	9.596	-76.67	5.34	9.71	-5.79	7.65
-6.00	9.554	-92.72	2.78	11.07	-6.79	6.73
-7.00	9.543	-108.89	-0.83	11.62	-7.67	5.67
-8.00	9.573	-125.04	-5.09	11.12	-8.43	4.53
-9.00	9.647	-141.03	-9.24	9.55	-9.06	3.33
-10.00	9.759	-156.72	-12.53	7.12	-9.53	2.09
-11.00	9.898	-172.01	-14.40	4.23	-9.86	0.86
-12.00	10.048	-186.87	-14.63	1.29	-10.04	-0.34
-13.00	10.192	-201.31	-13.33	-1.34	-10.08	-1.50
-14.00	10.316	-215.37	-10.79	-3.46	-9.98	-2.60
-15.00	10.410	-229.14	-7.45	-4.96	-9.75	-3.64
-16.00	10.468	-242.73	-3.77	-5.81	-9.40	-4.61
-17.00	10.488	-256.22	-0.22	-6.07	-8.92	-5.52
-18.00	10.474	-269.70	2.76	-5.83	-8.33	-6.35
-19.00	10.434	-283.25	4.80	-5.23	-7.64	-7.11
-20.00	10.380	-296.93	5.71	-4.45	-6.85	-7.80
-21.00	10.321	-310.74	5.49	-3.67	-5.98	-8.42
-22.00	10.270	-324.69	4.38	-3.06	-5.03	-8.95
-23.00	10.234	-338.74	2.73	-2.72	-4.03	-9.41
-24.0	10.215	-352.84	0.96	-2.71	-2.99	-9.77
-25.0	10.213	-366.96	-0.60	-3.01	-1.91	-10.03
-26.0	10.226	-381.04	-1.69	-3.53	-0.83	-10.19
-27.0	10.246	-395.06	-2.17	-4.15	0.26	-10.24
-28.0	10.268	-409.01	-1.95	-4.76	1.34	-10.18
-29.0	10.284	-422.89	-1.03	-5.20	2.40	-10.00
-30.0	10.286	-436.74	0.58	-5.36	3.42	-9.70

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	0.0	0.0	10.00
-1.0	9.904	-14.79	8.87	1.89	-1.19	9.83
-2.0	9.816	-29.86	8.32	3.84	-2.38	9.52
-3.0	9.733	-45.20	8.12	5.95	-3.56	9.06
-4.0	9.651	-60.83	7.79	8.18	-4.71	8.43
-5.00	9.576	-76.74	6.68	10.37	-5.79	7.63
-6.00	9.519	-92.90	4.18	12.15	-6.78	6.68
-7.00	9.496	-109.22	0.13	13.05	-7.67	5.60
-8.00	9.520	-125.56	-4.97	12.69	-8.43	4.43
-9.00	9.598	-141.74	-10.14	10.97	-9.05	3.20
-10.00	9.724	-157.59	-14.30	8.15	-9.53	1.94
-11.00	9.884	-172.97	-16.66	4.76	-9.86	0.70
-12.00	10.058	-187.85	-16.95	1.34	-10.04	-0.51
-13.00	10.224	-202.24	-15.30	-1.67	-10.09	-1.67
-14.00	10.365	-216.21	-12.15	-4.02	-9.99	-2.76
-15.00	10.469	-229.86	-8.06	-5.60	-9.76	-3.79
-16.00	10.529	-243.31	-3.61	-6.41	-9.40	-4.74
-17.00	10.544	-256.67	0.61	-6.53	-8.92	-5.62
-18.00	10.519	-270.05	4.04	-6.08	-8.33	-6.43
-19.00	10.466	-283.53	6.22	-5.25	-7.63	-7.17
-20.00	10.397	-297.17	6.91	-4.26	-6.83	-7.84
-21.00	10.329	-310.98	6.16	-3.36	-5.95	-8.45
-22.00	10.275	-324.93	4.34	-2.75	-5.00	-8.98
-23.00	10.242	-338.99	1.97	-2.55	-3.99	-9.43
-24.0	10.235	-353.07	-0.45	-2.82	-2.95	-9.80
-25.0	10.250	-367.12	-2.51	-3.49	-1.89	-10.07
-26.0	10.284	-381.09	-3.93	-4.46	-0.82	-10.25
-27.0	10.328	-394.92	-4.59	-5.58	0.24	-10.33
-28.0	10.375	-408.61	-4.44	-6.70	1.29	-10.30
-29.0	10.416	-422.17	-3.48	-7.67	2.30	-10.16
-30.0	10.444	-435.63	-1.75	-8.35	3.28	-9.91

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	0.0	0.0	10.00
-1.0	9.905	-14.79	8.77	1.86	-1.19	9.83
-2.0	9.818	-29.85	8.38	3.82	-2.38	9.52
-3.0	9.731	-45.20	8.57	6.02	-3.56	9.06
-4.0	9.642	-60.84	8.74	8.49	-4.70	8.42
-5.00	9.556	-76.81	8.01	11.05	-5.78	7.61
-6.00	9.485	-93.07	5.53	13.25	-6.78	6.63
-7.00	9.450	-109.55	0.95	14.47	-7.66	5.53
-8.00	9.470	-126.08	-5.13	14.17	-8.42	4.33
-9.00	9.555	-142.43	-11.39	12.21	-9.05	3.07
-10.00	9.699	-158.41	-16.36	8.92	-9.53	1.80
-11.00	9.882	-173.85	-19.07	4.99	-9.87	0.55
-12.00	10.080	-188.71	-19.18	1.11	-10.06	-0.67
-13.00	10.266	-203.02	-16.96	-2.21	-10.10	-1.81
-14.00	10.421	-216.87	-13.00	-4.68	-10.01	-2.89
-15.00	10.529	-230.38	-8.03	-6.23	-9.78	-3.90
-16.00	10.584	-243.71	-2.77	-6.88	-9.42	-4.83
-17.00	10.587	-256.97	2.07	-6.75	-8.93	-5.69
-18.00	10.546	-270.28	5.81	-6.01	-8.32	-6.48
-19.00	10.474	-283.75	7.89	-4.89	-7.60	-7.20
-20.00	10.391	-297.41	8.05	-3.68	-6.79	-7.87
-21.00	10.315	-311.28	6.48	-2.69	-5.89	-8.47
-22.00	10.262	-325.29	3.72	-2.16	-4.93	-9.00
-23.00	10.241	-339.39	0.48	-2.24	-3.93	-9.46
-24.0	10.252	-353.47	-2.62	-2.91	-2.89	-9.84
-25.0	10.292	-367.45	-5.14	-4.10	-1.84	-10.13
-26.0	10.354	-381.27	-6.85	-5.63	-0.80	-10.32
-27.0	10.429	-394.87	-7.64	-7.33	0.23	-10.43
-28.0	10.508	-408.26	-7.52	-9.03	1.24	-10.43
-29.0	10.580	-421.43	-6.55	-10.57	2.20	-10.35
-30.0	10.639	-434.41	-4.79	-11.85	3.13	-10.17

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	5.00	0.0	10.00
-1.0	9.916	-15.08	6.50	6.71	-1.24	9.84
-2.0	9.866	-30.36	3.18	7.82	-2.48	9.55
-3.0	9.850	-45.74	0.18	8.33	-3.69	9.13
-4.0	9.861	-61.15	-2.39	8.28	-4.86	8.58
-5.0	9.897	-76.49	-4.44	7.75	-5.95	7.91
-6.0	9.950	-91.71	-5.90	6.88	-6.94	7.13
-7.0	10.015	-106.77	-6.71	5.80	-7.83	6.25
-8.0	10.085	-121.63	-6.88	4.66	-8.59	5.29
-9.0C	10.154	-136.31	-6.44	3.58	-9.21	4.27
-10.0C	10.215	-150.82	-5.51	2.67	-9.70	3.21
-11.0C	10.265	-165.18	-4.24	2.00	-10.05	2.11
-12.0C	10.301	-179.43	-2.80	1.59	-10.25	0.99
-13.0C	10.323	-193.62	-1.42	1.43	-10.32	-0.14
-14.0C	10.331	-207.79	-0.29	1.47	-10.25	-1.27
-15.0C	10.330	-221.95	0.38	1.64	-10.05	-2.38
-16.0C	10.325	-236.13	0.48	1.84	-9.73	-3.46
-17.0C	10.322	-250.33	-0.03	1.94	-9.29	-4.50
-18.0D	10.328	-264.52	-1.09	1.83	-8.75	-5.49
-19.0D	10.346	-278.69	-2.50	1.43	-8.11	-6.42
-20.0D	10.379	-292.77	-4.04	0.72	-7.40	-7.28
-21.0D	10.428	-306.74	-5.46	-0.28	-6.62	-8.06
-22.0D	10.490	-320.55	-6.55	-1.50	-5.79	-8.75
-23.0D	10.561	-334.18	-7.18	-2.86	-4.92	-9.35
-24.0D	10.635	-347.61	-7.26	-4.26	-4.03	-9.84
-25.0D	10.707	-360.84	-6.82	-5.59	-3.12	-10.24
-26.0D	10.773	-373.90	-5.88	-6.79	-2.20	-10.55
-27.0D	10.826	-386.79	-4.56	-7.81	-1.28	-10.75
-28.0D	10.865	-399.57	-2.95	-8.59	-0.36	-10.86
-29.0D	10.886	-412.26	-1.15	-9.14	0.54	-10.87
-30.0D	10.888	-424.91	0.73	-9.42	1.44	-10.79

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	5.00	0.0	10.00
-1.0	9.916	-15.07	6.40	6.68	-1.24	9.84
-2.0	9.868	-30.35	3.22	7.80	-2.48	9.55
-3.0	9.849	-45.74	0.54	8.38	-3.69	9.13
-4.0	9.855	-61.16	-1.62	8.51	-4.86	8.58
-5.0	9.880	-76.54	-3.29	8.25	-5.94	7.89
-6.0	9.920	-91.84	-4.47	7.72	-6.94	7.09
-7.C	9.970	-107.02	-5.16	7.02	-7.82	6.19
-8.0C	10.024	-122.07	-5.40	6.24	-8.57	5.20
-9.0C	10.079	-136.97	-5.26	5.47	-9.19	4.14
-10.0C	10.131	-151.73	-4.83	4.78	-9.67	3.03
-11.0C	10.178	-166.37	-4.23	4.18	-10.00	1.88
-12.0C	10.217	-180.90	-3.58	3.70	-10.19	0.72
-13.0C	10.251	-195.34	-3.03	3.32	-10.24	-0.45
-14.0C	10.280	-209.70	-2.69	2.98	-10.15	-1.60
-15.0C	10.307	-224.00	-2.64	2.64	-9.94	-2.73
-16.0C	10.335	-238.24	-2.89	2.23	-9.60	-3.82
-17.0C	10.367	-252.39	-3.42	1.70	-9.16	-4.85
-18.0D	10.406	-266.45	-4.11	1.01	-8.62	-5.83
-19.0D	10.451	-280.40	-4.85	0.17	-8.00	-6.73
-20.0D	10.504	-294.21	-5.49	-0.83	-7.30	-7.56
-21.0D	10.563	-307.86	-5.94	-1.93	-6.54	-8.29
-22.0D	10.625	-321.36	-6.10	-3.08	-5.74	-8.94
-23.0D	10.687	-334.69	-5.95	-4.24	-4.89	-9.50
-24.0D	10.746	-347.86	-5.48	-5.33	-4.02	-9.96
-25.0D	10.798	-360.88	-4.74	-6.34	-3.14	-10.33
-26.0D	10.842	-373.77	-3.78	-7.21	-2.24	-10.61
-27.0D	10.875	-386.56	-2.67	-7.94	-1.33	-10.79
-28.0D	10.896	-399.28	-1.48	-8.52	-0.42	-10.89
-29.0D	10.905	-411.94	-0.25	-8.94	0.48	-10.89
-30.0D	10.901	-424.58	0.99	-9.20	1.38	-10.81

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	5.00	0.0	10.00
-1.0	9.917	-15.07	6.29	6.66	-1.24	9.84
-2.0	9.869	-30.35	3.26	7.77	-2.48	9.55
-3.0	9.848	-45.73	0.90	8.43	-3.69	9.13
-4.0	9.849	-61.16	-0.86	8.73	-4.85	8.57
-5.0	9.864	-76.59	-2.13	8.76	-5.94	7.87
-6.0	9.891	-91.97	-3.01	8.59	-6.93	7.05
-7.0C	9.925	-107.29	-3.59	8.28	-7.81	6.12
-8.0C	9.964	-122.51	-3.99	7.87	-8.56	5.10
-9.0C	10.006	-137.63	-4.26	7.39	-9.17	4.00
-10.0C	10.051	-152.65	-4.49	6.84	-9.64	2.85
-11.0C	10.098	-167.55	-4.73	6.23	-9.96	1.66
-12.0C	10.147	-182.33	-4.99	5.55	-10.14	0.46
-13.0C	10.200	-196.97	-5.27	4.78	-10.17	-0.74
-14.0C	10.255	-211.48	-5.56	3.93	-10.08	-1.91
-15.0C	10.313	-225.83	-5.82	3.01	-9.85	-3.04
-16.0C	10.374	-240.03	-6.00	2.02	-9.52	-4.13
-17.0C	10.436	-254.06	-6.07	1.00	-9.08	-5.15
-18.0C	10.498	-267.94	-6.01	-0.04	-8.54	-6.10
-19.0D	10.558	-281.65	-5.81	-1.06	-7.93	-6.98
-20.0D	10.616	-295.21	-5.48	-2.06	-7.24	-7.76
-21.0D	10.670	-308.62	-5.04	-3.00	-6.50	-8.46
-22.0D	10.719	-321.90	-4.53	-3.89	-5.70	-9.08
-23.0D	10.763	-335.05	-3.98	-4.71	-4.87	-9.60
-24.0D	10.800	-348.10	-3.43	-5.48	-4.00	-10.03
-25.0D	10.833	-361.05	-2.89	-6.19	-3.12	-10.38
-26.0D	10.860	-373.92	-2.38	-6.85	-2.21	-10.63
-27.0D	10.882	-386.71	-1.90	-7.47	-1.30	-10.80
-28.0D	10.899	-399.44	-1.42	-8.04	-0.39	-10.89
-29.0D	10.911	-412.12	-0.93	-8.57	0.52	-10.90
-30.0D	10.917	-424.76	-0.38	-9.03	1.41	-10.83

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	5.00	0.0	10.00
-1.0	9.918	-15.07	6.19	6.63	-1.24	9.84
-2.0	9.870	-30.34	3.29	7.75	-2.47	9.56
-3.0	9.848	-45.73	1.25	8.48	-3.69	9.13
-4.0	9.842	-61.17	-0.09	8.96	-4.85	8.56
-5.0	9.848	-76.64	-0.95	9.27	-5.94	7.86
-6.0	9.861	-92.10	-1.53	9.46	-6.93	7.02
-7.0C	9.879	-107.55	-2.04	9.56	-7.80	6.06
-8.0C	9.903	-122.96	-2.67	9.52	-8.55	5.00
-9.0C	9.934	-138.31	-3.50	9.29	-9.15	3.86
-10.0C	9.975	-153.57	-4.57	8.82	-9.61	2.67
-11.0C	10.028	-168.72	-5.79	8.06	-9.92	1.45
-12.0C	10.094	-183.70	-6.98	7.03	-10.09	0.22
-13.0C	10.170	-198.49	-7.98	5.75	-10.12	-1.00
-14.0C	10.256	-213.06	-8.62	4.32	-10.02	-2.19
-15.0C	10.345	-227.39	-8.79	2.84	-9.80	-3.32
-16.0C	10.434	-241.49	-8.47	1.41	-9.46	-4.40
-17.0C	10.517	-255.36	-7.74	0.09	-9.03	-5.40
-18.0C	10.591	-269.03	-6.69	-1.06	-8.50	-6.32
-19.0C	10.653	-282.53	-5.48	-2.02	-7.89	-7.16
-20.0D	10.703	-295.89	-4.27	-2.80	-7.21	-7.91
-21.0D	10.741	-309.14	-3.21	-3.43	-6.46	-8.58
-22.0D	10.770	-322.31	-2.42	-3.97	-5.66	-9.16
-23.0D	10.792	-335.41	-1.94	-4.46	-4.82	-9.65
-24.0D	10.810	-348.44	-1.79	-4.96	-3.95	-10.06
-25.0D	10.829	-361.42	-1.91	-5.52	-3.05	-10.39
-26.0D	10.850	-374.34	-2.20	-6.15	-2.13	-10.64
-27.0D	10.874	-387.18	-2.56	-6.86	-1.21	-10.81
-28.0D	10.902	-399.95	-2.86	-7.65	-0.29	-10.90
-29.0D	10.932	-412.62	-3.02	-8.49	0.61	-10.92
-30.0D	10.963	-425.20	-2.95	-9.34	1.50	-10.86

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	10.00	0.0	10.00
-1.0	9.929	-15.36	3.87	11.46	-1.29	9.85
-2.0	9.919	-30.84	-1.88	11.72	-2.57	9.58
-3.0	9.965	-46.27	-6.89	10.84	-3.82	9.20
-4.0	10.057	-61.49	-10.83	9.06	-5.01	8.72
-5.0	10.182	-76.39	-13.52	6.69	-6.11	8.15
-6.0	10.329	-90.91	-14.89	4.06	-7.10	7.50
-7.0	10.483	-105.01	-15.03	1.45	-7.99	6.79
-8.0	10.632	-118.72	-14.07	-0.94	-8.76	6.03
-9.0	10.767	-132.07	-12.20	-2.97	-9.41	5.24
-10.0	10.879	-145.11	-9.59	-4.55	-9.94	4.42
-11.0	10.961	-157.94	-6.38	-5.64	-10.36	3.58
-12.0	11.008	-170.61	-2.70	-6.19	-10.67	2.72
-13.0	11.016	-183.23	1.32	-6.15	-10.86	1.84
-14.0	10.981	-195.89	5.53	-5.49	-10.94	0.93
-15.0	10.902	-208.69	9.72	-4.16	-10.90	-0.01
-16.0	10.783	-221.74	13.47	-2.13	-10.74	-0.97
-17.0C	10.630	-235.14	16.18	0.55	-10.45	-1.97
-18.0C	10.459	-248.97	17.02	3.67	-10.02	-2.98
-19.0C	10.291	-263.27	15.28	6.82	-9.48	-4.02
-20.0D	10.156	-278.01	10.78	9.41	-8.81	-5.05
-21.0D	10.078	-293.05	4.12	10.84	-8.06	-6.06
-22.0D	10.075	-308.22	-3.53	10.69	-7.22	-7.02
-23.0D	10.149	-323.26	-10.89	8.93	-6.34	-7.92
-24.0D	10.293	-337.96	-16.97	5.90	-5.44	-8.74
-25.0D	10.490	-352.17	-21.11	2.12	-4.53	-9.46
-26.0D	10.717	-365.80	-23.06	-1.84	-3.64	-10.08
-27.0D	10.954	-378.83	-22.85	-5.53	-2.79	-10.59
-28.0D	11.178	-391.32	-20.71	-8.69	-1.97	-11.00
-29.0D	11.372	-403.34	-17.03	-11.17	-1.20	-11.31
-30.0D	11.523	-415.00	-12.25	-12.95	-0.46	-11.51

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	10.00	0.0	10.00
-1.0	9.930	-15.36	3.77	11.43	-1.29	9.85
-2.0	9.921	-30.83	-1.87	11.68	-2.57	9.58
-3.0	9.965	-46.26	-6.63	10.86	-3.82	9.20
-4.0	10.053	-61.49	-10.29	9.21	-5.00	8.72
-5.0	10.171	-76.42	-12.72	7.01	-6.10	8.14
-6.0	10.309	-90.98	-13.89	4.58	-7.10	7.47
-7.0	10.452	-105.17	-13.90	2.18	-7.98	6.75
-8.0	10.589	-118.98	-12.88	-0.00	-8.75	5.97
-9.0	10.712	-132.47	-11.00	-1.83	-9.39	5.15
-10.0	10.812	-145.68	-8.39	-3.21	-9.92	4.30
-11.0	10.882	-158.70	-5.20	-4.09	-10.33	3.42
-12.0	10.917	-171.60	-1.54	-4.41	-10.62	2.52
-13.0	10.912	-184.47	2.45	-4.12	-10.80	1.59
-14.0	10.866	-197.42	6.58	-3.18	-10.85	0.63
-15.0	10.778	-210.54	10.50	-1.55	-10.77	-0.35
-16.0C	10.654	-223.94	13.67	0.75	-10.57	-1.37
-17.0C	10.504	-237.72	15.26	3.54	-10.23	-2.41
-18.0C	10.350	-251.91	14.44	6.49	-9.75	-3.46
-19.0D	10.219	-266.52	10.79	9.02	-9.17	-4.51
-20.0D	10.138	-281.44	4.70	10.51	-8.48	-5.56
-21.0D	10.127	-296.48	-2.75	10.51	-7.72	-6.56
-22.0D	10.194	-311.43	-10.20	8.92	-6.90	-7.50
-23.0D	10.332	-326.06	-16.49	6.01	-6.05	-8.37
-24.0D	10.525	-340.22	-20.87	2.32	-5.20	-9.15
-25.0D	10.751	-353.80	-22.97	-1.59	-4.37	-9.82
-26.0D	10.987	-366.80	-22.77	-5.23	-3.55	-10.40
-27.0D	11.210	-379.26	-20.52	-8.31	-2.77	-10.86
-28.0C	11.401	-391.26	-16.64	-10.70	-2.03	-11.22
-29.0C	11.546	-402.91	-11.63	-12.36	-1.31	-11.47
-30.0C	11.636	-414.32	-5.99	-13.33	-0.61	-11.62

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	10.00	0.0	10.00
-1.0	9.931	-15.36	3.67	11.40	-1.29	9.85
-2.0	9.922	-30.83	-1.86	11.65	-2.57	9.58
-3.0	9.965	-46.25	-6.38	10.89	-3.82	9.21
-4.0	10.049	-61.49	-9.75	9.35	-5.00	8.72
-5.0	10.161	-76.44	-11.90	7.32	-6.10	8.13
-6.0	10.288	-91.06	-12.85	5.11	-7.09	7.45
-7.0	10.420	-105.33	-12.70	2.94	-7.98	6.70
-8.0	10.544	-119.25	-11.57	1.00	-8.74	5.90
-9.0	10.653	-132.89	-9.60	-0.57	-9.38	5.05
-10.0	10.738	-146.28	-6.94	-1.70	-9.90	4.17
-11.0	10.793	-159.52	-3.71	-2.29	-10.29	3.25
-12.0	10.813	-172.68	-0.04	-2.31	-10.57	2.29
-13.0	10.793	-185.85	3.89	-1.69	-10.71	1.31
-14.0	10.733	-199.14	7.78	-0.39	-10.73	0.30
-15.0C	10.636	-212.65	11.09	1.56	-10.61	-0.74
-16.0C	10.511	-226.47	13.07	4.04	-10.35	-1.81
-17.0C	10.376	-240.65	12.84	6.70	-9.97	-2.89
-18.0C	10.258	-255.21	9.85	9.04	-9.45	-3.98
-19.0D	10.184	-270.05	4.30	10.44	-8.84	-5.05
-20.0D	10.175	-285.00	-2.79	10.42	-8.15	-6.09
-21.0D	10.241	-299.86	-10.06	8.87	-7.40	-7.08
-22.0D	10.377	-314.41	-16.28	6.04	-6.62	-7.99
-23.0D	10.568	-328.49	-20.58	2.45	-5.82	-8.82
-24.0D	10.790	-342.02	-22.54	-1.32	-5.04	-9.54
-25.0D	11.021	-354.98	-22.12	-4.81	-4.27	-10.16
-26.0C	11.236	-367.42	-19.62	-7.71	-3.52	-10.67
-27.0C	11.416	-379.42	-15.50	-9.91	-2.79	-11.07
-28.0C	11.549	-391.10	-10.32	-11.37	-2.08	-11.36
-29.0C	11.626	-402.57	-4.63	-12.14	-1.38	-11.54
-30.0C	11.644	-413.96	1.06	-12.27	-0.68	-11.62

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	10.00	0.0	10.00
-1.0	9.931	-15.35	3.56	11.38	-1.29	9.85
-2.0	9.924	-30.82	-1.86	11.62	-2.57	9.59
-3.0	9.965	-46.24	-6.13	10.90	-3.82	9.21
-4.0	10.045	-61.49	-9.21	9.48	-5.00	8.71
-5.0	10.150	-76.47	-11.07	7.64	-6.10	8.11
-6.0	10.267	-91.14	-11.78	5.65	-7.09	7.43
-7.0	10.387	-105.49	-11.42	3.73	-7.97	6.66
-8.0	10.498	-119.53	-10.13	2.07	-8.73	5.83
-9.0	10.591	-133.32	-8.03	0.79	-9.36	4.95
-10.0	10.660	-146.92	-5.26	-0.02	-9.87	4.03
-11.0	10.697	-160.40	-1.97	-0.27	-10.25	3.06
-12.0	10.699	-173.85	1.69	0.10	-10.50	2.06
-13.0	10.662	-187.36	5.40	1.11	-10.61	1.02
-14.0C	10.590	-201.04	8.69	2.77	-10.59	-0.05
-15.0C	10.489	-214.98	10.82	4.94	-10.42	-1.15
-16.0C	10.375	-229.23	10.94	7.32	-10.12	-2.27
-17.0C	10.274	-243.79	8.42	9.41	-9.70	-3.40
-18.0D	10.212	-258.61	3.36	10.63	-9.16	-4.51
-19.0D	10.211	-273.51	-3.32	10.52	-8.54	-5.59
-20.0D	10.281	-288.31	-10.27	8.95	-7.86	-6.62
-21.0D	10.417	-302.80	-16.21	6.17	-7.15	-7.58
-22.0D	10.606	-316.82	-20.23	2.70	-6.41	-8.45
-23.0D	10.823	-330.31	-21.87	-0.91	-5.68	-9.22
-24.0D	11.045	-343.25	-21.13	-4.19	-4.95	-9.88
-25.0C	11.248	-355.70	-18.33	-6.87	-4.23	-10.42
-26.0C	11.414	-367.74	-14.01	-8.83	-3.51	-10.86
-27.0C	11.531	-379.50	-8.76	-10.07	-2.81	-11.18
-28.0C	11.592	-391.08	-3.16	-10.63	-2.10	-11.40
-29.0C	11.597	-402.60	2.24	-10.57	-1.37	-11.52
-30.0D	11.549	-414.17	6.91	-9.98	-0.63	-11.53

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	15.00	0.0	10.00
-1.0	9.943	-15.64	1.21	16.19	-1.34	9.85
-2.0	9.973	-31.32	-7.00	15.56	-2.66	9.61
-3.0	10.082	-46.78	-13.99	13.32	-3.95	9.28
-4.0	10.254	-61.82	-19.37	9.93	-5.15	8.86
-5.0	10.472	-76.30	-22.98	5.92	-6.26	8.39
-6.0	10.718	-90.14	-24.95	1.75	-7.27	7.88
-7.0	10.977	-103.35	-25.50	-2.27	-8.15	7.35
-8.0	11.236	-115.94	-24.88	-5.93	-8.93	6.82
-9.0	11.483	-127.96	-23.28	-9.16	-9.60	6.29
-10.0	11.709	-139.49	-20.85	-11.92	-10.18	5.79
-11.0	11.907	-150.59	-17.69	-14.22	-10.66	5.30
-12.0	12.069	-161.36	-13.91	-16.06	-11.06	4.83
-13.0B	12.190	-171.86	-9.62	-17.44	-11.38	4.36
-14.0B	12.265	-182.18	-4.98	-18.37	-11.63	3.91
-15.0B	12.291	-192.41	-0.11	-18.84	-11.80	3.44
-16.0	12.266	-202.62	4.84	-18.84	-11.90	2.96
-17.0	12.192	-212.91	9.77	-18.37	-11.94	2.45
-18.0	12.067	-223.35	14.65	-17.39	-11.92	1.90
-19.0	11.892	-234.05	19.54	-15.85	-11.82	1.29
-20.0	11.667	-245.11	24.56	-13.59	-11.65	0.63
-21.0	11.389	-256.65	29.76	-10.41	-11.39	-0.11
-22.0	11.058	-268.84	34.84	-6.01	-11.02	-0.93
-23.0C	10.681	-281.84	38.57	-0.17	-10.52	-1.84
-24.0C	10.282	-295.85	38.61	6.99	-9.88	-2.83
-25.0D	9.912	-310.97	32.68	14.52	-9.11	-3.91
-26.0D	9.634	-327.11	20.79	20.75	-8.22	-5.03
-27.0	9.499	-343.95	5.42	23.88	-7.24	-6.15
-28.0	9.525	-360.97	-10.35	22.97	-6.19	-7.24
-29.0	9.703	-377.61	-24.11	18.33	-5.11	-8.25
-30.0	10.006	-393.42	-34.40	11.30	-4.05	-9.15

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	15.00	0.0	10.00
-1.0	9.944	-15.64	1.10	16.16	-1.34	9.85
-2.0	9.975	-31.31	-7.01	15.52	-2.66	9.61
-3.0	10.083	-46.77	-13.84	13.32	-3.95	9.28
-4.0	10.252	-61.81	-19.07	9.99	-5.15	8.86
-5.0	10.467	-76.30	-22.63	6.05	-6.26	8.39
-6.0	10.710	-90.17	-24.67	1.92	-7.26	7.87
-7.0	10.967	-103.40	-25.42	-2.09	-8.15	7.34
-8.0	11.226	-116.01	-25.11	-5.81	-8.93	6.80
-9.0	11.478	-128.05	-23.93	-9.14	-9.61	6.28
-10.0	11.713	-139.57	-21.94	-12.05	-10.19	5.77
-11.0	11.924	-150.65	-19.23	-14.54	-10.68	5.29
-12.0B	12.104	-161.36	-15.84	-16.60	-11.09	4.84
-13.0B	12.246	-171.77	-11.86	-18.23	-11.43	4.40
-14.0B	12.345	-181.97	-7.41	-19.42	-11.69	3.97
-15.0B	12.397	-192.03	-2.65	-20.16	-11.88	3.55
-16.0B	12.399	-202.03	2.26	-20.46	-12.00	3.11
-17.0	12.350	-212.05	7.17	-20.30	-12.06	2.66
-18.0	12.252	-222.18	12.02	-19.69	-12.06	2.17
-19.0	12.105	-232.51	16.81	-18.58	-11.99	1.64
-20.0	11.908	-243.12	21.71	-16.88	-11.86	1.06
-21.0	11.660	-254.12	26.94	-14.43	-11.65	0.41
-22.0	11.355	-265.66	32.67	-10.91	-11.35	-0.32
-23.0	10.991	-277.91	38.49	-5.95	-10.93	-1.14
-24.0C	10.574	-291.08	42.59	0.75	-10.37	-2.06
-25.0C	10.137	-305.39	41.67	8.91	-9.66	-3.07
-26.0D	9.747	-320.93	33.24	17.20	-8.82	-4.16
-27.0	9.479	-337.55	18.54	23.48	-7.86	-5.30
-28.0	9.377	-354.82	1.20	25.85	-6.82	-6.43
-29.0	9.452	-372.11	-15.47	23.63	-5.73	-7.52
-30.0	9.684	-388.84	-29.31	17.60	-4.62	-8.51

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	15.00	0.0	10.00
-1.0	9.944	-15.64	1.00	16.14	-1.34	9.85
-2.0	9.976	-31.31	-7.03	15.49	-2.66	9.61
-3.0	10.084	-46.76	-13.70	13.31	-3.94	9.28
-4.0	10.251	-61.80	-18.78	10.04	-5.15	8.86
-5.0	10.462	-76.30	-22.28	6.17	-6.26	8.38
-6.0	10.702	-90.19	-24.37	2.09	-7.26	7.86
-7.0	10.957	-103.44	-25.30	-1.91	-8.15	7.32
-8.0	11.216	-116.08	-25.30	-5.67	-8.93	6.78
-9.0	11.472	-128.14	-24.51	-9.10	-9.61	6.26
-10.0	11.715	-139.67	-22.98	-12.16	-10.20	5.76
-11.0	11.939	-150.73	-20.72	-14.83	-10.70	5.29
-12.0B	12.136	-161.38	-17.73	-17.11	-11.13	4.85
-13.0B	12.299	-171.71	-14.05	-18.97	-11.47	4.43
-14.0B	12.422	-181.79	-9.77	-20.41	-11.75	4.04
-15.0B	12.498	-191.69	-5.07	-21.41	-11.95	3.65
-16.0B	12.525	-201.49	-0.13	-21.96	-12.09	3.26
-17.0B	12.500	-211.28	4.87	-22.06	-12.17	2.85
-18.0B	12.425	-221.13	9.77	-21.72	-12.19	2.43
-19.0	12.301	-231.12	14.51	-20.94	-12.14	1.96
-20.0	12.129	-241.34	19.20	-19.68	-12.04	1.45
-21.0	11.908	-251.89	24.11	-17.81	-11.88	0.88
-22.0	11.634	-262.87	29.61	-15.10	-11.63	0.24
-23.0	11.299	-274.44	35.96	-11.17	-11.29	-0.49
-24.0	10.897	-286.81	42.52	-5.51	-10.82	-1.32
-25.0C	10.437	-300.22	46.61	2.20	-10.19	-2.25
-26.0D	9.967	-314.91	43.84	11.40	-9.41	-3.28
-27.0D	9.571	-330.94	32.24	20.23	-8.50	-4.40
-28.0	9.328	-348.08	14.91	26.18	-7.49	-5.56
-29.0	9.271	-365.74	-3.73	27.46	-6.40	-6.71
-30.0	9.398	-383.26	-20.63	23.82	-5.26	-7.79

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	15.00	0.0	10.00
-1.0	9.945	-15.63	0.89	16.11	-1.34	9.85
-2.0	9.978	-31.30	-7.06	15.45	-2.66	9.62
-3.0	10.085	-46.75	-13.56	13.30	-3.94	9.28
-4.0	10.250	-61.79	-18.49	10.10	-5.15	8.86
-5.0	10.458	-76.30	-21.92	6.29	-6.26	8.38
-6.0	10.694	-90.21	-24.05	2.26	-7.26	7.85
-7.0	10.946	-103.49	-25.15	-1.72	-8.15	7.31
-8.0	11.205	-116.15	-25.44	-5.52	-8.93	6.76
-9.0	11.464	-128.23	-25.04	-9.04	-9.62	6.24
-10.0	11.715	-139.76	-23.97	-12.24	-10.21	5.74
-11.0	11.952	-150.81	-22.16	-15.09	-10.72	5.28
-12.0B	12.166	-161.42	-19.58	-17.58	-11.16	4.85
-13.0B	12.349	-171.67	-16.19	-19.67	-11.52	4.46
-14.0B	12.494	-181.64	-12.06	-21.34	-11.81	4.09
-15.0B	12.594	-191.39	-7.34	-22.57	-12.03	3.74
-16.0B	12.643	-201.01	-2.26	-23.34	-12.18	3.39
-17.0B	12.640	-210.58	2.95	-23.64	-12.27	3.04
-18.0B	12.583	-220.18	8.05	-23.50	-12.30	2.66
-19.0B	12.476	-229.89	12.89	-22.94	-12.27	2.25
-20.0	12.321	-239.79	17.49	-21.95	-12.19	1.80
-21.0	12.119	-249.97	22.04	-20.48	-12.05	1.30
-22.0	11.868	-260.51	26.99	-18.36	-11.85	0.73
-23.0	11.563	-271.55	32.90	-15.27	-11.56	0.08
-24.0	11.191	-283.26	40.02	-10.70	-11.17	-0.66
-25.0C	10.744	-295.87	47.14	-4.04	-10.64	-1.52
-26.0C	10.241	-309.69	50.10	4.92	-9.94	-2.48
-27.0D	9.752	-324.94	43.77	15.08	-9.08	-3.55
-28.0	9.378	-341.61	28.29	23.93	-8.11	-4.71
-29.0	9.186	-359.29	8.87	28.82	-7.05	-5.89
-30.0	9.195	-377.30	-10.19	28.39	-5.91	-7.04

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	20.00	0.0	10.00
-1.0	9.957	-15.92	-1.50	20.91	-1.39	9.86
-2.0	10.028	-31.79	-12.16	19.36	-2.76	9.64
-3.0	10.200	-47.28	-21.12	15.78	-4.08	9.35
-4.0	10.452	-62.14	-27.94	10.90	-5.30	9.01
-5.0	10.764	-76.21	-32.57	5.46	-6.43	8.63
-6.0	11.112	-89.44	-35.25	0.07	-7.43	8.26
-7.0	11.479	-101.83	-36.15	-4.93	-8.32	7.91
-8.0B	11.846	-113.43	-35.37	-9.35	-9.09	7.59
-9.0B	12.196	-124.34	-32.92	-13.14	-9.76	7.31
-10.0B	12.513	-134.66	-28.84	-16.32	-10.32	7.08
-11.0B	12.781	-144.50	-23.33	-18.89	-10.78	6.87
-12.0B	12.987	-153.98	-16.68	-20.83	-11.14	6.68
-13.0A	13.120	-163.21	-9.25	-22.09	-11.40	6.49
-14.0A	13.175	-172.31	-1.45	-22.59	-11.58	6.27
-15.0A	13.149	-181.39	6.35	-22.31	-11.69	6.03
-16.0B	13.046	-190.56	13.72	-21.32	-11.72	5.72
-17.0B	12.871	-199.93	20.31	-19.73	-11.71	5.35
-18.0B	12.635	-209.60	25.80	-17.65	-11.65	4.89
-19.0B	12.348	-219.67	30.05	-15.17	-11.56	4.35
-20.0	12.024	-230.25	33.21	-12.23	-11.44	3.71
-21.0	11.671	-241.43	35.70	-8.66	-11.29	2.96
-22.0	11.294	-253.33	37.94	-4.19	-11.10	2.10
-23.0	10.896	-266.08	39.77	1.50	-10.84	1.11
-24.0C	10.487	-279.82	39.71	8.49	-10.49	0.01
-25.0C	10.099	-294.67	35.13	16.20	-10.03	-1.22
-26.0D	9.791	-310.61	24.21	23.07	-9.46	-2.52
-27.0D	9.622	-327.33	8.10	26.97	-8.81	-3.88
-28.0D	9.631	-344.33	-9.79	26.47	-8.09	-5.22
-29.0D	9.816	-360.97	-25.95	21.69	-7.34	-6.51
-30.0D	10.148	-376.73	-38.01	14.17	-6.60	-7.71

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	20.00	0.0	10.00
-1.0	9.958	-15.92	-1.61	20.88	-1.39	9.86
-2.0	10.029	-31.78	-12.20	19.32	-2.76	9.64
-3.0	10.201	-47.27	-21.08	15.75	-4.07	9.35
-4.0	10.453	-62.12	-27.89	10.87	-5.30	9.01
-5.0	10.765	-76.19	-32.69	5.42	-6.42	8.64
-6.0	11.116	-89.41	-35.69	-0.05	-7.43	8.27
-7.0	11.489	-101.78	-37.03	-5.17	-8.32	7.92
-8.0B	11.868	-113.35	-36.66	-9.75	-9.10	7.62
-9.0B	12.233	-124.20	-34.47	-13.71	-9.77	7.36
-10.0B	12.566	-134.43	-30.40	-17.03	-10.33	7.15
-11.0B	12.849	-144.17	-24.63	-19.74	-10.79	6.97
-12.0A	13.065	-153.52	-17.51	-21.77	-11.15	6.81
-13.0A	13.204	-162.63	-9.49	-23.06	-11.41	6.64
-14.0A	13.258	-171.61	-1.05	-23.52	-11.58	6.46
-15.0A	13.226	-180.58	7.34	-23.12	-11.67	6.23
-16.0A	13.110	-189.65	15.21	-21.96	-11.69	5.94
-17.0B	12.918	-198.94	22.09	-20.18	-11.66	5.57
-18.0B	12.663	-208.55	27.58	-17.94	-11.58	5.12
-19.0B	12.359	-218.59	31.55	-15.33	-11.48	4.57
-20.0	12.022	-229.16	34.24	-12.33	-11.36	3.92
-21.0	11.661	-240.35	36.30	-8.72	-11.22	3.17
-22.0	11.279	-252.26	38.39	-4.19	-11.04	2.30
-23.0	10.876	-265.04	40.47	1.64	-10.80	1.31
-24.0C	10.457	-278.84	40.86	8.92	-10.46	0.18
-25.0C	10.057	-293.79	36.28	17.02	-10.00	-1.06
-26.0D	9.740	-309.87	24.49	24.16	-9.44	-2.39
-27.0D	9.576	-326.77	7.00	27.97	-8.80	-3.77
-28.0D	9.602	-343.89	-12.11	26.93	-8.11	-5.14
-29.0D	9.816	-360.56	-29.01	21.38	-7.39	-6.46
-30.0D	10.180	-376.25	-41.23	13.14	-6.69	-7.68

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	20.00	0.0	10.00
-1.0	9.958	-15.92	-1.72	20.85	-1.39	9.86
-2.0	10.031	-31.78	-12.25	19.27	-2.76	9.64
-3.0	10.203	-47.26	-21.04	15.71	-4.07	9.35
-4.0	10.455	-62.11	-27.86	10.85	-5.30	9.01
-5.0	10.767	-76.17	-32.82	5.37	-6.42	8.64
-6.0	11.120	-89.38	-36.15	-0.17	-7.43	8.27
-7.0	11.501	-101.73	-37.92	-5.42	-8.32	7.94
-8.0B	11.890	-113.26	-37.97	-10.16	-9.11	7.65
-9.0B	12.270	-124.05	-36.00	-14.27	-9.78	7.41
-10.0B	12.619	-134.19	-31.88	-17.74	-10.35	7.22
-11.0B	12.916	-143.83	-25.76	-20.55	-10.81	7.07
-12.0A	13.141	-153.08	-18.09	-22.65	-11.16	6.93
-13.0A	13.282	-162.07	-9.40	-23.94	-11.41	6.79
-14.0A	13.332	-170.95	-0.28	-24.31	-11.57	6.63
-15.0A	13.288	-179.82	8.73	-23.75	-11.64	6.41
-16.0A	13.155	-188.82	17.08	-22.37	-11.64	6.13
-17.0B	12.943	-198.06	24.19	-20.36	-11.59	5.76
-18.0B	12.666	-207.65	29.60	-17.93	-11.50	5.30
-19.0B	12.344	-217.71	33.16	-15.19	-11.40	4.74
-20.0	11.993	-228.31	35.28	-12.09	-11.28	4.08
-21.0	11.624	-239.56	36.85	-8.41	-11.14	3.31
-22.0	11.238	-251.55	38.79	-3.76	-10.97	2.43
-23.0	10.829	-264.42	41.07	2.29	-10.74	1.42
-24.0C	10.403	-278.35	41.65	9.90	-10.40	0.27
-25.0C	9.997	-293.47	36.59	18.34	-9.95	-0.99
-26.0D	9.683	-309.75	23.44	25.51	-9.39	-2.35
-27.0D	9.538	-326.81	4.43	28.84	-8.76	-3.76
-28.0D	9.596	-344.00	-15.68	26.90	-8.09	-5.16
-29.0D	9.848	-360.62	-32.90	20.37	-7.41	-6.49
-30.0D	10.251	-376.13	-44.74	11.44	-6.75	-7.71

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	20.00	0.0	10.00
-1.0	9.959	-15.91	-1.83	20.82	-1.39	9.86
-2.0	10.033	-31.77	-12.31	19.23	-2.76	9.65
-3.0	10.205	-47.25	-21.02	15.67	-4.07	9.36
-4.0	10.456	-62.09	-27.84	10.81	-5.30	9.01
-5.0	10.768	-76.15	-32.96	5.32	-6.42	8.65
-6.0	11.125	-89.35	-36.62	-0.31	-7.43	8.28
-7.0	11.513	-101.68	-38.83	-5.68	-8.32	7.95
-8.0B	11.914	-113.16	-39.28	-10.58	-9.11	7.68
-9.0B	12.308	-123.89	-37.51	-14.84	-9.79	7.46
-10.0B	12.672	-133.95	-33.26	-18.44	-10.36	7.30
-11.0A	12.981	-143.49	-26.71	-21.34	-10.82	7.17
-12.0A	13.213	-152.63	-18.41	-23.48	-11.17	7.06
-13.0A	13.354	-161.53	-9.01	-24.73	-11.41	6.94
-14.0A	13.396	-170.31	0.82	-24.97	-11.55	6.79
-15.0A	13.338	-179.11	10.45	-24.21	-11.60	6.58
-16.0A	13.185	-188.05	19.24	-22.57	-11.59	6.29
-17.0B	12.949	-197.27	26.51	-20.32	-11.52	5.92
-18.0B	12.650	-206.88	31.72	-17.69	-11.42	5.45
-19.0B	12.308	-216.98	34.75	-14.81	-11.30	4.87
-20.0	11.944	-227.66	36.20	-11.61	-11.18	4.19
-21.0	11.569	-239.01	37.30	-7.82	-11.06	3.40
-22.0	11.179	-251.12	39.14	-3.00	-10.90	2.50
-23.0	10.766	-264.14	41.63	3.33	-10.67	1.46
-24.0C	10.333	-278.25	42.19	11.32	-10.33	0.29
-25.0C	9.925	-293.59	36.15	20.01	-9.87	-1.01
-26.0D	9.625	-310.09	21.24	26.99	-9.32	-2.40
-27.0D	9.510	-327.30	0.68	29.48	-8.71	-3.83
-28.0D	9.612	-344.51	-20.17	26.36	-8.06	-5.24
-29.0D	9.910	-360.99	-37.29	18.76	-7.41	-6.58
-30.0D	10.353	-376.24	-48.23	9.25	-6.80	-7.81

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	25.00	0.0	10.00
-1.0	9.971	-16.20	-4.25	25.60	-1.44	9.87
-2.0	10.083	-32.26	-17.36	23.12	-2.85	9.67
-3.0	10.319	-47.77	-28.26	18.22	-4.20	9.42
-4.0	10.652	-62.45	-36.47	11.96	-5.46	9.15
-5.0	11.056	-76.13	-42.05	5.34	-6.59	8.88
-6.0	11.503	-88.79	-45.11	-0.95	-7.60	8.64
-7.0B	11.970	-100.47	-45.65	-6.53	-8.48	8.45
-8.0B	12.428	-111.26	-43.58	-11.33	-9.23	8.32
-9.0A	12.853	-121.30	-39.05	-15.46	-9.86	8.24
-10.0A	13.220	-130.74	-32.46	-19.00	-10.37	8.20
-11.0A	13.512	-139.73	-24.40	-21.93	-10.75	8.19
-12.0A	13.716	-148.39	-15.37	-24.08	-11.02	8.16
-13.0A	13.824	-156.87	-5.83	-25.21	-11.19	8.12
-14.0A	13.834	-165.28	3.85	-25.14	-11.27	8.03
-15.0A	13.746	-173.75	13.33	-23.87	-11.27	7.87
-16.0A	13.564	-182.39	22.21	-21.57	-11.22	7.62
-17.0A	13.295	-191.34	30.02	-18.53	-11.13	7.27
-18.0B	12.955	-200.71	36.20	-15.05	-11.03	6.80
-19.0B	12.562	-210.64	40.23	-11.30	-10.92	6.22
-20.0B	12.140	-221.22	42.01	-7.27	-10.82	5.51
-21.0	11.709	-232.57	41.99	-2.79	-10.73	4.68
-22.0	11.284	-244.77	40.96	2.40	-10.65	3.72
-23.0	10.874	-257.91	39.17	8.49	-10.55	2.64
-24.0C	10.489	-272.06	35.57	15.33	-10.39	1.42
-25.0C	10.160	-287.22	28.10	22.11	-10.16	0.10
-26.0D	9.932	-303.26	15.58	27.24	-9.84	-1.31
-27.0D	9.854	-319.81	-0.69	29.00	-9.46	-2.75
-28.0D	9.948	-336.33	-17.46	26.65	-9.03	-4.18
-29.0D	10.202	-352.27	-31.50	20.96	-8.57	-5.54
-30.0C	10.576	-367.25	-40.81	13.67	-8.11	-6.79

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	25.00	0.0	10.00
-1.0	9.972	-16.20	-4.36	25.57	-1.44	9.87
-2.0	10.085	-32.25	-17.44	23.07	-2.85	9.67
-3.0	10.321	-47.76	-28.33	18.16	-4.20	9.43
-4.0	10.656	-62.43	-36.68	11.86	-5.45	9.15
-5.0	11.063	-76.10	-42.58	5.16	-6.59	8.89
-6.0	11.518	-88.72	-46.08	-1.26	-7.60	8.66
-7.0B	11.996	-100.35	-46.95	-6.99	-8.48	8.49
-8.0B	12.469	-111.07	-44.93	-11.92	-9.24	8.38
-9.0A	12.906	-121.03	-40.09	-16.14	-9.86	8.32
-10.0A	13.281	-130.39	-32.94	-19.75	-10.36	8.31
-11.0A	13.574	-139.28	-24.19	-22.70	-10.74	8.31
-12.0A	13.772	-147.87	-14.48	-24.79	-10.99	8.30
-13.0A	13.869	-156.28	-4.30	-25.73	-11.14	8.26
-14.0A	13.860	-164.65	5.95	-25.38	-11.20	8.16
-15.0A	13.748	-173.11	15.90	-23.75	-11.19	7.99
-16.0A	13.537	-181.78	25.11	-21.09	-11.12	7.72
-17.0A	13.239	-190.79	32.99	-17.73	-11.02	7.34
-18.0B	12.870	-200.27	38.81	-14.00	-10.90	6.84
-19.0B	12.454	-210.36	42.04	-10.07	-10.79	6.22
-20.0	12.018	-221.15	42.73	-5.90	-10.70	5.47
-21.0	11.586	-232.74	41.77	-1.25	-10.63	4.60
-22.0	11.166	-245.21	40.25	4.14	-10.57	3.60
-23.0	10.764	-258.63	38.28	10.46	-10.47	2.48
-24.0C	10.390	-273.08	34.30	17.48	-10.32	1.23
-25.0C	10.077	-288.53	25.81	24.17	-10.08	-0.14
-26.0D	9.881	-304.81	11.82	28.70	-9.76	-1.57
-27.0D	9.848	-321.47	-5.56	29.37	-9.37	-3.03
-28.0D	9.993	-337.94	-22.55	25.78	-8.95	-4.45
-29.0D	10.296	-353.67	-35.83	19.18	-8.51	-5.80
-30.0C	10.707	-368.33	-43.64	11.56	-8.08	-7.03

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	25.00	0.0	10.00
-1.0	9.973	-16.20	-4.47	25.54	-1.44	9.87
-2.0	10.087	-32.25	-17.52	23.02	-2.85	9.67
-3.0	10.323	-47.75	-28.40	18.09	-4.20	9.43
-4.0	10.659	-62.40	-36.90	11.76	-5.45	9.16
-5.0	11.071	-76.06	-43.14	4.97	-6.59	8.90
-6.0	11.534	-88.65	-47.07	-1.58	-7.60	8.68
-7.0B	12.024	-100.23	-48.26	-7.46	-8.48	8.52
-8.0B	12.510	-110.89	-46.23	-12.51	-9.24	8.44
-9.0A	12.958	-120.76	-41.01	-16.82	-9.86	8.40
-10.0A	13.340	-130.03	-33.24	-20.48	-10.36	8.41
-11.0A	13.633	-138.84	-23.79	-23.42	-10.72	8.43
-12.0A	13.823	-147.36	-13.40	-25.41	-10.96	8.43
-13.0A	13.905	-155.72	-2.62	-26.15	-11.09	8.39
-14.0A	13.877	-164.06	8.17	-25.48	-11.13	8.29
-15.0A	13.740	-172.52	18.55	-23.50	-11.10	8.10
-16.0A	13.500	-181.22	28.03	-20.47	-11.01	7.81
-17.0A	13.172	-190.31	35.87	-16.82	-10.90	7.40
-18.0B	12.775	-199.93	41.19	-12.87	-10.78	6.86
-19.0B	12.340	-210.19	43.43	-8.79	-10.68	6.19
-20.0	11.896	-221.21	42.99	-4.48	-10.60	5.40
-21.0	11.465	-233.04	41.24	0.31	-10.55	4.49
-22.0	11.053	-245.78	39.44	5.90	-10.50	3.46
-23.0	10.659	-259.48	37.40	12.46	-10.41	2.30
-24.0C	10.296	-274.21	32.93	19.64	-10.25	1.01
-25.0C	10.004	-289.95	23.18	26.13	-10.00	-0.38
-26.0D	9.842	-306.43	7.65	29.89	-9.67	-1.84
-27.0D	9.857	-323.16	-10.67	29.34	-9.29	-3.30
-28.0D	10.055	-339.52	-27.53	24.56	-8.88	-4.72
-29.0D	10.404	-355.00	-39.70	17.23	-8.46	-6.05
-30.0C	10.846	-369.32	-45.78	9.49	-8.06	-7.26

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	25.00	0.0	10.00
-1.0	9.973	-16.19	-4.59	25.51	-1.44	9.87
-2.0	10.088	-32.24	-17.60	22.97	-2.85	9.68
-3.0	10.326	-47.73	-28.49	18.02	-4.20	9.43
-4.0	10.663	-62.38	-37.14	11.65	-5.45	9.17
-5.0	11.079	-76.01	-43.71	4.77	-6.58	8.91
-6.0B	11.550	-88.58	-48.08	-1.92	-7.60	8.70
-7.0B	12.052	-100.11	-49.56	-7.93	-8.48	8.56
-8.0B	12.551	-110.69	-47.47	-13.10	-9.24	8.49
-9.0A	13.011	-120.49	-41.81	-17.48	-9.86	8.48
-10.0A	13.397	-129.67	-33.37	-21.17	-10.35	8.51
-11.0A	13.687	-138.41	-23.21	-24.09	-10.70	8.54
-12.0A	13.869	-146.87	-12.17	-25.95	-10.92	8.55
-13.0A	13.935	-155.18	-0.81	-26.46	-11.03	8.51
-14.0A	13.886	-163.51	10.47	-25.47	-11.05	8.40
-15.0A	13.723	-171.97	21.26	-23.12	-11.00	8.20
-16.0A	13.455	-180.73	30.95	-19.75	-10.91	7.88
-17.0A	13.097	-189.91	38.64	-15.82	-10.78	7.43
-18.0B	12.675	-199.67	43.27	-11.69	-10.66	6.85
-19.0B	12.224	-210.12	44.39	-7.48	-10.57	6.14
-20.0	11.776	-221.36	42.85	-3.06	-10.51	5.32
-21.0	11.350	-233.44	40.49	1.88	-10.47	4.38
-22.0	10.946	-246.44	38.62	7.68	-10.43	3.31
-23.0	10.560	-260.41	36.56	14.48	-10.35	2.11
-24.0C	10.209	-275.43	31.43	21.76	-10.18	0.79
-25.0C	9.939	-291.43	20.19	27.92	-9.92	-0.63
-26.0D	9.816	-308.08	3.13	30.77	-9.59	-2.11
-27.0D	9.881	-324.83	-15.87	28.95	-9.21	-3.58
-28.0D	10.131	-341.04	-32.28	23.07	-8.81	-5.00
-29.0C	10.522	-356.23	-43.02	15.21	-8.42	-6.31
-30.0C	10.989	-370.22	-47.17	7.53	-8.05	-7.48

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	30.00	0.0	10.00
-1.0	9.985	-16.48	-7.05	30.28	-1.49	9.87
-2.0	10.139	-32.72	-22.62	26.83	-2.95	9.70
-3.0	10.438	-48.25	-35.40	20.64	-4.33	9.50
-4.0	10.852	-62.75	-44.93	13.12	-5.61	9.29
-5.0	11.346	-76.07	-51.22	5.53	-6.75	9.12
-6.0B	11.888	-88.21	-54.19	-1.38	-7.76	9.01
-7.0B	12.443	-99.27	-53.69	-7.39	-8.63	8.97
-8.0A	12.975	-109.39	-49.91	-12.67	-9.35	9.00
-9.0A	13.455	-118.76	-43.52	-17.56	-9.93	9.08
-10.0A	13.859	-127.53	-35.35	-22.18	-10.37	9.20
-11.0	14.174	-135.86	-26.08	-26.31	-10.67	9.33
-12.0	14.391	-143.89	-16.13	-29.50	-10.86	9.45
-13.0	14.503	-151.75	-5.80	-31.24	-10.93	9.53
-14.0	14.509	-159.55	4.64	-31.21	-10.92	9.56
-15.0	14.409	-167.40	14.92	-29.38	-10.83	9.50
-16.0	14.205	-175.43	24.76	-26.02	-10.70	9.35
-17.0	13.905	-183.76	33.87	-21.61	-10.54	9.07
-18.0A	13.516	-192.52	41.78	-16.66	-10.37	8.66
-19.0A	13.057	-201.86	47.75	-11.57	-10.23	8.12
-20.0B	12.550	-211.93	50.87	-6.45	-10.12	7.43
-21.0B	12.027	-222.86	50.76	-1.15	-10.06	6.60
-22.0	11.520	-234.76	48.01	4.64	-10.05	5.63
-23.0	11.051	-247.70	43.68	11.13	-10.08	4.54
-24.0	10.632	-261.73	37.88	18.22	-10.10	3.31
-25.0C	10.286	-276.83	29.21	25.17	-10.10	1.95
-26.0C	10.049	-292.82	16.27	30.51	-10.04	0.50
-27.0C	9.965	-309.35	-0.29	32.53	-9.91	-1.00
-28.0D	10.057	-325.87	-17.55	30.41	-9.74	-2.50
-29.0C	10.315	-341.82	-32.17	24.87	-9.54	-3.93
-30.0C	10.699	-356.81	-42.04	17.66	-9.31	-5.27

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	30.00	0.0	10.00
-1.0	9.986	-16.48	-7.16	30.25	-1.49	9.87
-2.0	10.141	-32.72	-22.72	26.77	-2.95	9.70
-3.0	10.442	-48.24	-35.58	20.55	-4.33	9.50
-4.0	10.858	-62.72	-45.37	12.96	-5.61	9.30
-5.0	11.359	-76.02	-52.07	5.24	-6.75	9.14
-6.0B	11.912	-88.11	-55.39	-1.81	-7.76	9.04
-7.0B	12.479	-99.11	-54.92	-7.92	-8.63	9.02
-8.0A	13.022	-109.16	-50.75	-13.29	-9.35	9.07
-9.0A	13.507	-118.45	-43.72	-18.24	-9.92	9.17
-10.0	13.910	-127.15	-34.89	-22.88	-10.34	9.30
-11.0	14.218	-135.42	-25.05	-26.95	-10.63	9.44
-12.0	14.421	-143.42	-14.66	-29.96	-10.80	9.56
-13.0	14.516	-151.25	-4.00	-31.40	-10.86	9.64
-14.0	14.502	-159.05	6.70	-31.00	-10.83	9.65
-15.0	14.380	-166.93	17.20	-28.78	-10.73	9.57
-16.0	14.152	-175.01	27.27	-25.05	-10.59	9.39
-17.0A	13.825	-183.42	36.57	-20.34	-10.42	9.08
-18.0A	13.409	-192.32	44.47	-15.17	-10.26	8.63
-19.0A	12.923	-201.84	49.96	-9.92	-10.12	8.04
-20.0B	12.399	-212.15	51.99	-4.67	-10.02	7.30
-21.0	11.872	-223.37	50.44	0.77	-9.98	6.42
-22.0	11.375	-235.59	46.54	6.71	-10.00	5.42
-23.0	10.924	-248.86	41.64	13.34	-10.05	4.28
-24.0	10.527	-263.21	35.49	20.46	-10.09	3.01
-25.0C	10.209	-278.59	26.18	27.18	-10.08	1.63
-26.0C	10.008	-294.80	12.30	31.87	-10.01	0.15
-27.0C	9.969	-311.42	-4.93	32.86	-9.88	-1.36
-28.0C	10.108	-327.87	-22.06	29.66	-9.70	-2.85
-29.0C	10.408	-343.62	-35.70	23.41	-9.49	-4.27
-30.0C	10.820	-358.33	-44.06	16.02	-9.27	-5.58

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	30.00	0.0	10.00
-1.0	9.987	-16.47	-7.27	30.22	-1.49	9.88
-2.0	10.143	-32.71	-22.83	26.72	-2.95	9.71
-3.0	10.445	-48.22	-35.76	20.46	-4.33	9.51
-4.0	10.865	-62.69	-45.82	12.80	-5.60	9.31
-5.0	11.372	-75.96	-52.94	4.95	-6.75	9.15
-6.0B	11.936	-88.01	-56.60	-2.24	-7.76	9.07
-7.0B	12.516	-98.95	-56.09	-8.46	-8.63	9.07
-8.0A	13.069	-108.92	-51.48	-13.89	-9.34	9.14
-9.0A	13.558	-118.14	-43.79	-18.89	-9.91	9.26
-10.0	13.959	-126.77	-34.32	-23.54	-10.32	9.40
-11.0	14.257	-135.00	-23.95	-27.53	-10.59	9.54
-12.0	14.447	-142.95	-13.16	-30.34	-10.74	9.66
-13.0	14.526	-150.77	-2.21	-31.49	-10.78	9.73
-14.0	14.492	-158.57	8.73	-30.73	-10.74	9.73
-15.0	14.348	-166.48	19.45	-28.12	-10.63	9.63
-16.0	14.096	-174.62	29.75	-24.05	-10.48	9.42
-17.0A	13.742	-183.13	39.22	-19.05	-10.32	9.08
-18.0A	13.299	-192.16	47.04	-13.68	-10.15	8.59
-19.0B	12.790	-201.88	51.87	-8.30	-10.02	7.95
-20.0B	12.252	-212.43	52.61	-2.94	-9.94	7.16
-21.0	11.727	-223.94	49.64	2.62	-9.92	6.25
-22.0	11.243	-236.46	44.85	8.69	-9.97	5.20
-23.0	10.811	-250.04	39.64	15.43	-10.03	4.03
-24.0	10.436	-264.68	33.23	22.55	-10.07	2.73
-25.0C	10.143	-280.32	23.23	29.00	-10.06	1.31
-26.0C	9.978	-296.71	8.38	32.98	-9.98	-0.18
-27.0C	9.982	-313.38	-9.40	32.93	-9.84	-1.70
-28.0C	10.167	-329.74	-26.21	28.76	-9.66	-3.18
-29.0C	10.503	-345.28	-38.71	21.96	-9.45	-4.58
-30.0C	10.939	-359.71	-45.52	14.53	-9.24	-5.86

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	10.00	30.00	0.0	10.00
-1.0	9.988	-16.47	-7.39	30.19	-1.49	9.88
-2.0	10.145	-32.70	-22.95	26.66	-2.95	9.71
-3.0	10.448	-48.21	-35.95	20.36	-4.33	9.51
-4.0	10.871	-62.66	-46.29	12.62	-5.60	9.32
-5.0	11.386	-75.90	-53.83	4.65	-6.75	9.17
-6.0B	11.960	-87.91	-57.81	-2.67	-7.76	9.10
-7.0B	12.552	-98.78	-57.22	-8.99	-8.63	9.12
-8.0A	13.115	-108.68	-52.11	-14.49	-9.34	9.21
-9.0A	13.607	-117.83	-43.75	-19.52	-9.89	9.34
-10.0	14.004	-126.40	-33.64	-24.16	-10.29	9.50
-11.0	14.293	-134.58	-22.79	-28.06	-10.55	9.64
-12.0	14.469	-142.51	-11.65	-30.67	-10.68	9.76
-13.0	14.531	-150.31	-0.43	-31.51	-10.71	9.82
-14.0	14.478	-158.12	10.72	-30.38	-10.65	9.81
-15.0	14.312	-166.06	21.67	-27.41	-10.54	9.69
-16.0	14.036	-174.26	32.21	-23.01	-10.38	9.45
-17.0A	13.656	-182.87	41.84	-17.76	-10.21	9.07
-18.0A	13.187	-192.04	49.47	-12.21	-10.05	8.54
-19.0B	12.657	-201.96	53.43	-6.70	-9.93	7.85
-20.0B	12.110	-212.76	52.73	-1.25	-9.87	7.02
-21.0	11.591	-224.55	48.45	4.41	-9.88	6.07
-22.0	11.123	-237.36	43.05	10.59	-9.94	4.99
-23.0	10.710	-251.23	37.75	17.41	-10.02	3.79
-24.0C	10.355	-266.14	31.10	24.51	-10.06	2.45
-25.0C	10.088	-282.01	20.32	30.63	-10.04	1.01
-26.0C	9.958	-298.55	4.50	33.85	-9.94	-0.50
-27.0D	10.004	-315.24	-13.70	32.78	-9.80	-2.02
-28.0C	10.231	-331.48	-30.01	27.74	-9.61	-3.50
-29.0C	10.601	-346.80	-41.23	20.54	-9.41	-4.88
-30.0C	11.054	-360.97	-46.49	13.19	-9.20	-6.13

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-30.00	0.0	10.00
-1.0	9.777	-13.15	28.54	-26.05	-0.89	9.74
-2.0	9.417	-27.12	41.66	-18.57	-1.85	9.23
-3.0C	8.936	-42.43	51.34	-6.64	-2.87	8.46
-4.0D	8.402	-59.64	50.84	9.13	-3.94	7.42
-5.C	7.945	-79.03	36.61	24.97	-5.05	6.13
-6.0	7.683	-100.26	13.61	35.26	-6.12	4.65
-7.0	7.673	-122.26	-11.47	35.79	-7.06	3.01
-8.0	7.903	-143.63	-32.23	26.73	-7.79	1.32
-9.0	8.304	-163.36	-44.61	12.33	-8.30	-0.31
-10.0	8.787	-181.07	-48.59	-2.70	-8.60	-1.82
-11.0	9.274	-196.89	-45.83	-15.47	-8.72	-3.15
-12.0D	9.706	-211.18	-37.79	-24.92	-8.70	-4.29
-13.0D	10.034	-224.37	-25.92	-31.04	-8.55	-5.25
-14.0D	10.228	-236.87	-11.79	-34.28	-8.26	-6.03
-15.0D	10.273	-249.07	3.13	-35.07	-7.82	-6.66
-16.0D	10.166	-261.34	17.53	-33.62	-7.22	-7.16
-17.0D	9.920	-274.03	30.40	-29.78	-6.44	-7.55
-18.0	9.551	-287.53	41.32	-23.04	-5.46	-7.84
-19.0	9.080	-302.27	50.48	-12.40	-4.27	-8.02
-20.0E	8.531	-318.80	55.76	3.12	-2.84	-8.05
-21.0F	7.981	-337.66	48.87	21.98	-1.17	-7.89
-22.0	7.592	-358.93	24.83	37.31	0.65	-7.56
-23.0	7.502	-381.58	-7.59	40.91	2.52	-7.07
-24.0	7.734	-403.77	-36.39	30.85	4.32	-6.42
-25.0	8.208	-423.98	-54.19	12.75	5.93	-5.68
-26.0F	8.798	-441.68	-59.05	-5.85	7.29	-4.92
-27.0E	9.377	-457.12	-52.51	-20.29	8.39	-4.18
-28.0E	9.847	-470.90	-38.47	-29.53	9.22	-3.46
-29.0E	10.152	-483.64	-20.88	-34.42	9.77	-2.76
-30.0E	10.270	-495.86	-2.12	-35.96	10.07	-2.04

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-30.00	0.0	10.00
-1.0	9.778	-13.15	28.48	-26.07	-0.89	9.74
-2.0	9.417	-27.12	41.99	-18.53	-1.85	9.23
-3.0C	8.930	-42.44	52.22	-6.36	-2.86	8.46
-4.0D	8.387	-59.70	51.40	9.74	-3.95	7.40
-5.0	7.930	-79.18	35.98	25.59	-5.06	6.11
-6.0	7.679	-100.47	12.39	35.47	-6.13	4.62
-7.0	7.680	-122.46	-12.37	35.56	-7.07	2.99
-8.0	7.916	-143.78	-32.47	26.33	-7.81	1.31
-9.0	8.316	-163.45	-44.47	11.99	-8.31	-0.33
-10.0	8.798	-181.12	-48.60	-2.97	-8.61	-1.83
-11.C	9.289	-196.89	-46.32	-15.82	-8.74	-3.16
-12.0D	9.727	-211.13	-38.72	-25.42	-8.73	-4.30
-13.0D	10.066	-224.24	-26.99	-31.70	-8.59	-5.25
-14.0D	10.271	-236.64	-12.73	-35.06	-8.32	-6.02
-15.0D	10.324	-248.72	2.42	-35.96	-7.90	-6.65
-16.0D	10.223	-260.86	17.02	-34.65	-7.32	-7.14
-17.0D	9.982	-273.39	29.90	-31.05	-6.56	-7.52
-18.0	9.619	-286.70	40.69	-24.70	-5.61	-7.81
-19.0	9.154	-301.20	50.09	-14.59	-4.45	-8.00
-20.0E	8.602	-317.42	56.96	0.59	-3.05	-8.04
-21.0F	8.027	-335.99	52.49	19.97	-1.41	-7.90
-22.C	7.596	-357.10	29.09	36.79	0.41	-7.58
-23.0	7.467	-379.82	-4.39	42.03	2.29	-7.11
-24.0	7.675	-402.26	-34.94	32.84	4.11	-6.48
-25.0	8.144	-422.77	-54.73	14.51	5.76	-5.76
-26.0F	8.748	-440.68	-61.23	-4.99	7.17	-5.02
-27.0E	9.353	-456.21	-55.24	-20.30	8.31	-4.30
-28.0E	9.849	-470.00	-40.71	-30.04	9.16	-3.61
-29.0E	10.173	-482.68	-22.24	-35.14	9.74	-2.93
-30.0E	10.300	-494.82	-2.56	-36.72	10.06	-2.23

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-30.00	0.0	10.00
-1.0	9.779	-13.15	28.42	-26.09	-0.89	9.74
-2.0	9.417	-27.12	42.31	-18.49	-1.84	9.23
-3.0C	8.923	-42.46	53.10	-6.07	-2.86	8.45
-4.0D	8.372	-59.77	51.93	10.34	-3.95	7.38
-5.0	7.915	-79.33	35.32	26.17	-5.06	6.08
-6.0	7.675	-100.67	11.20	35.65	-6.15	4.60
-7.0	7.687	-122.65	-13.22	35.31	-7.09	2.97
-8.0	7.928	-143.92	-32.70	25.93	-7.82	1.29
-9.0	8.329	-163.54	-44.35	11.65	-8.32	-0.34
-10.0	8.810	-181.15	-48.66	-3.27	-8.62	-1.84
-11.0	9.303	-196.89	-46.87	-16.20	-8.75	-3.16
-12.0D	9.750	-211.07	-39.66	-25.96	-8.75	-4.30
-13.CD	10.099	-224.10	-28.01	-32.36	-8.63	-5.24
-14.CD	10.313	-236.40	-13.54	-35.81	-8.38	-6.01
-15.0D	10.373	-248.37	1.95	-36.79	-7.98	-6.63
-16.0D	10.276	-260.37	16.82	-35.56	-7.42	-7.11
-17.0D	10.036	-272.77	29.74	-32.11	-6.68	-7.49
-18.0	9.676	-285.92	40.32	-26.05	-5.75	-7.78
-19.0	9.215	-300.22	49.70	-16.38	-4.62	-7.97
-20.0	8.662	-316.19	57.74	-1.54	-3.25	-8.03
-21.0F	8.068	-334.51	55.49	18.20	-1.62	-7.90
-22.0	7.601	-355.47	32.74	36.27	0.19	-7.60
-23.0	7.439	-378.24	-1.68	42.90	2.09	-7.14
-24.0	7.626	-400.89	-33.69	34.46	3.93	-6.53
-25.0	8.091	-421.64	-55.17	15.95	5.61	-5.83
-26.0F	8.708	-439.72	-63.15	-4.33	7.05	-5.11
-27.0E	9.336	-455.33	-57.64	-20.41	8.22	-4.42
-28.0E	9.854	-469.10	-42.56	-30.56	9.11	-3.75
-29.0E	10.193	-481.72	-23.20	-35.78	9.71	-3.10
-30.0E	10.325	-493.79	-2.65	-37.35	10.04	-2.41

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-30.00	0.0	10.00
-1.0	9.779	-13.15	28.36	-26.11	-0.89	9.74
-2.0	9.417	-27.12	42.63	-18.45	-1.84	9.23
-3.0C	8.916	-42.47	53.98	-5.79	-2.86	8.44
-4.0D	8.357	-59.83	52.43	10.93	-3.95	7.37
-5.C	7.901	-79.47	34.64	26.73	-5.07	6.06
-6.0	7.671	-100.86	10.03	35.80	-6.16	4.57
-7.0	7.694	-122.84	-14.03	35.05	-7.11	2.95
-8.0	7.940	-144.06	-32.92	25.53	-7.84	1.27
-9.0	8.341	-163.61	-44.27	11.30	-8.33	-0.35
-10.C	8.822	-181.18	-48.77	-3.59	-8.63	-1.85
-11.0	9.319	-196.87	-47.47	-16.61	-8.77	-3.17
-12.0D	9.774	-210.98	-40.62	-26.52	-8.78	-4.29
-13.0D	10.134	-223.93	-28.96	-33.04	-8.68	-5.23
-14.CD	10.356	-236.13	-14.18	-36.55	-8.44	-6.00
-15.CD	10.420	-247.99	1.73	-37.54	-8.06	-6.60
-16.CD	10.323	-259.88	16.94	-36.34	-7.51	-7.08
-17.0D	10.081	-272.16	29.92	-32.96	-6.79	-7.45
-18.C	9.720	-285.18	40.23	-27.09	-5.88	-7.74
-19.C	9.262	-299.33	49.41	-17.75	-4.77	-7.94
-20.0	8.710	-315.12	58.25	-3.21	-3.42	-8.01
-21.0E	8.101	-333.23	57.90	16.81	-1.81	-7.90
-22.0F	7.604	-354.09	35.66	35.87	0.01	-7.60
-23.0	7.416	-376.89	0.32	43.56	1.91	-7.17
-24.0	7.589	-399.70	-32.86	35.66	3.78	-6.58
-25.0	8.053	-420.63	-55.70	16.96	5.48	-5.90
-26.0F	8.682	-438.83	-64.89	-4.01	6.95	-5.21
-27.0E	9.330	-454.46	-59.64	-20.71	8.15	-4.54
-28.0E	9.866	-468.20	-43.90	-31.12	9.06	-3.90
-29.0E	10.213	-480.77	-23.64	-36.37	9.68	-3.26
-30.0E	10.346	-492.77	-2.26	-37.85	10.01	-2.60

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-25.00	0.0	10.00
-1.0	9.789	-13.44	26.22	-21.16	-0.94	9.74
-2.0	9.465	-27.64	36.96	-14.33	-1.94	9.26
-3.0C	9.043	-43.04	44.71	-3.89	-2.99	8.53
-4.0D	8.580	-60.07	44.03	9.46	-4.08	7.54
-5.0D	8.184	-78.93	31.34	22.44	-5.19	6.33
-6.0	7.967	-99.25	10.41	30.25	-6.26	4.93
-7.0	7.976	-120.10	-12.00	29.74	-7.21	3.41
-8.0	8.198	-140.33	-30.35	21.44	-7.99	1.84
-9.0	8.573	-159.12	-41.63	8.79	-8.57	0.31
-10.0	9.024	-176.14	-45.42	-4.40	-8.96	-1.11
-11.0D	9.479	-191.50	-42.55	-15.60	-9.18	-2.37
-12.0D	9.876	-205.51	-34.33	-23.77	-9.25	-3.47
-13.0D	10.169	-218.55	-22.45	-28.92	-9.16	-4.41
-14.0D	10.329	-231.01	-8.63	-31.43	-8.92	-5.21
-15.0D	10.344	-243.26	5.63	-31.69	-8.51	-5.87
-16.0D	10.216	-255.64	19.04	-29.84	-7.93	-6.44
-17.0D	9.961	-268.50	30.46	-25.79	-7.16	-6.92
-18.0	9.602	-282.16	39.31	-19.21	-6.20	-7.33
-19.0	9.165	-297.00	45.85	-9.47	-5.03	-7.66
-20.0	8.674	-313.44	49.28	4.04	-3.63	-7.88
-21.0E	8.186	-331.90	44.02	20.23	-2.01	-7.94
-22.0F	7.825	-352.43	24.19	33.81	-0.22	-7.82
-23.0	7.725	-374.22	-5.13	37.60	1.64	-7.55
-24.0	7.923	-395.70	-32.58	29.24	3.45	-7.13
-25.0F	8.356	-415.49	-50.05	13.29	5.11	-6.61
-26.0F	8.903	-433.03	-54.87	-3.45	6.55	-6.03
-27.0E	9.441	-448.52	-48.80	-16.59	7.73	-5.42
-28.0E	9.879	-462.47	-36.01	-25.15	8.64	-4.79
-29.0E	10.168	-475.43	-20.18	-29.82	9.29	-4.13
-30.0	10.288	-487.90	-3.31	-31.43	9.70	-3.42

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-25.00	0.0	10.00
-1.0	9.790	-13.44	26.16	-21.18	-0.94	9.74
-2.0	9.465	-27.64	37.26	-14.29	-1.94	9.26
-3.0C	9.037	-43.06	45.59	-3.62	-2.99	8.53
-4.0D	8.564	-60.14	44.79	10.08	-4.09	7.53
-5.0	8.166	-79.08	30.95	23.15	-5.20	6.30
-6.0	7.959	-99.48	8.97	30.56	-6.27	4.90
-7.0	7.985	-120.32	-13.72	29.38	-7.23	3.38
-8.0	8.223	-140.47	-31.87	20.48	-8.02	1.82
-9.0	8.612	-159.10	-42.93	7.44	-8.61	0.31
-10.0	9.076	-175.94	-46.61	-5.95	-9.01	-1.08
-11.0D	9.542	-191.10	-43.50	-17.21	-9.26	-2.32
-12.0D	9.946	-204.89	-34.71	-25.30	-9.35	-3.40
-13.0D	10.239	-217.74	-22.05	-30.26	-9.29	-4.31
-14.0C	10.391	-230.03	-7.43	-32.53	-9.06	-5.08
-15.0D	10.390	-242.14	7.48	-32.52	-8.67	-5.73
-16.0D	10.242	-254.43	21.20	-30.38	-8.09	-6.29
-17.0D	9.965	-267.23	32.43	-26.04	-7.32	-6.77
-18.0	9.589	-280.90	40.71	-19.19	-6.35	-7.18
-19.0	9.140	-295.79	46.86	-9.14	-5.18	-7.53
-20.0	8.638	-312.32	50.47	4.87	-3.77	-7.77
-21.0E	8.138	-330.95	44.90	21.73	-2.13	-7.85
-22.0F	7.777	-351.72	23.21	35.49	-0.31	-7.77
-23.0	7.697	-373.71	-8.10	38.36	1.57	-7.54
-24.0	7.931	-395.22	-36.40	28.46	3.40	-7.17
-25.0F	8.403	-414.84	-53.51	11.24	5.07	-6.70
-26.0F	8.979	-432.10	-56.87	-5.94	6.50	-6.19
-27.0E	9.527	-447.29	-48.83	-18.81	7.68	-5.64
-28.0E	9.956	-460.98	-34.37	-26.79	8.58	-5.05
-29.0	10.221	-473.77	-17.38	-30.86	9.21	-4.42
-30.0	10.309	-486.13	0.33	-31.86	9.61	-3.73

WP = 13.5 ETA = C.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-25.00	0.0	10.00
-1.0	9.790	-13.44	26.10	-21.20	-0.94	9.74
-2.0	9.465	-27.64	37.56	-14.26	-1.94	9.26
-3.0C	9.030	-43.07	46.47	-3.35	-2.99	8.52
-4.0D	8.548	-60.20	45.52	10.70	-4.09	7.51
-5.0	8.149	-79.23	30.49	23.84	-5.20	6.27
-6.0	7.951	-99.70	7.53	30.83	-6.29	4.87
-7.0	7.994	-120.54	-15.40	28.98	-7.25	3.36
-8.0	8.249	-140.59	-33.38	19.49	-8.05	1.81
-9.0	8.653	-159.07	-44.30	6.06	-8.65	0.32
-10.0D	9.130	-175.72	-47.88	-7.55	-9.07	-1.05
-11.0D	9.608	-190.66	-44.41	-18.85	-9.34	-2.27
-12.0D	10.018	-204.25	-34.89	-26.80	-9.45	-3.32
-13.0C	10.308	-216.90	-21.29	-31.50	-9.41	-4.20
-14.0C	10.447	-229.04	-5.78	-33.46	-9.20	-4.95
-15.0C	10.426	-241.03	9.81	-33.11	-8.80	-5.58
-16.0D	10.252	-253.26	23.79	-30.60	-8.22	-6.13
-17.0D	9.950	-266.07	34.68	-25.88	-7.44	-6.61
-18.0	9.554	-279.80	42.19	-18.65	-6.47	-7.03
-19.0	9.093	-294.81	47.84	-8.18	-5.28	-7.40
-20.0	8.582	-311.53	51.39	6.43	-3.85	-7.67
-21.0E	8.076	-330.42	44.84	23.88	-2.19	-7.77
-22.0F	7.727	-351.48	20.66	37.31	-0.34	-7.72
-23.0	7.684	-373.63	-12.48	38.58	1.56	-7.52
-24.0F	7.966	-395.06	-41.00	26.74	3.39	-7.21
-25.0F	8.479	-414.38	-56.92	8.34	5.06	-6.81
-26.0E	9.079	-431.26	-58.01	-8.89	6.49	-6.35
-27.0E	9.626	-446.11	-47.62	-21.09	7.64	-5.86
-28.0F	10.034	-459.54	-31.54	-28.26	8.51	-5.31
-29.0	10.266	-472.16	-13.60	-31.59	9.13	-4.70
-30.0	10.311	-484.47	4.77	-31.88	9.50	-4.00

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-25.00	0.0	10.00
-1.0	9.791	-13.44	26.03	-21.22	-0.94	9.75
-2.0	9.465	-27.64	37.86	-14.22	-1.94	9.26
-3.0C	9.024	-43.08	47.34	-3.08	-2.99	8.51
-4.0D	8.533	-60.26	46.21	11.31	-4.09	7.49
-5.0	8.132	-79.38	29.99	24.50	-5.21	6.25
-6.0	7.945	-99.91	6.09	31.06	-6.30	4.84
-7.0	8.004	-120.73	-17.06	28.55	-7.28	3.34
-8.0	8.276	-140.69	-34.92	18.48	-8.08	1.80
-9.0	8.694	-159.02	-45.75	4.65	-8.69	0.33
-10.0D	9.186	-175.47	-49.22	-9.18	-9.13	-1.02
-11.0D	9.676	-190.20	-45.26	-20.48	-9.42	-2.21
-12.0D	10.090	-203.58	-34.81	-28.23	-9.56	-3.23
-13.0C	10.373	-216.06	-20.14	-32.62	-9.53	-4.09
-14.0C	10.496	-228.05	-3.68	-34.22	-9.33	-4.81
-15.0C	10.449	-239.96	12.56	-33.46	-8.93	-5.43
-16.0D	10.246	-252.17	26.70	-30.52	-8.33	-5.96
-17.0D	9.916	-265.03	37.05	-25.34	-7.54	-6.45
-18.0	9.501	-278.88	43.63	-17.65	-6.54	-6.89
-19.0	9.029	-294.07	48.74	-6.66	-5.34	-7.28
-20.0E	8.509	-311.04	52.06	8.67	-3.89	-7.57
-21.0F	8.004	-330.27	43.76	26.56	-2.19	-7.70
-22.0F	7.681	-351.66	16.61	39.09	-0.32	-7.67
-23.0	7.689	-373.93	-18.04	38.13	1.60	-7.52
-24.0F	8.027	-395.15	-46.10	24.11	3.43	-7.26
-25.0F	8.583	-414.06	-59.97	4.78	5.08	-6.92
-26.0E	9.199	-430.50	-58.06	-12.05	6.48	-6.52
-27.0E	9.733	-444.97	-45.17	-23.25	7.61	-6.07
-28.0	10.108	-458.16	-27.71	-29.46	8.44	-5.55
-29.0	10.296	-470.65	-9.05	-31.97	9.03	-4.95
-30.0	10.292	-482.95	9.83	-31.45	9.38	-4.25

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-20.00	0.0	10.00
-1.0	9.801	-13.73	23.85	-16.29	-0.99	9.75
-2.0	9.514	-28.16	32.19	-10.14	-2.03	9.29
-3.0C	9.151	-43.64	38.00	-1.21	-3.12	8.60
-4.0C	8.759	-60.49	37.12	9.82	-4.23	7.67
-5.0D	8.427	-78.83	26.29	20.22	-5.33	6.52
-6.0	8.248	-98.32	7.90	26.11	-6.40	5.21
-7.0	8.270	-118.16	-12.14	24.99	-7.36	3.78
-8.0	8.484	-137.42	-28.67	17.43	-8.16	2.32
-9.0	8.835	-155.40	-38.84	6.32	-8.79	0.89
-10.0D	9.254	-171.84	-41.94	-5.13	-9.24	-0.44
-11.0D	9.671	-186.83	-38.57	-14.73	-9.53	-1.65
-12.0D	10.026	-200.64	-30.22	-21.62	-9.65	-2.72
-13.0C	10.278	-213.63	-18.72	-25.83	-9.61	-3.65
-14.0C	10.404	-226.14	-5.72	-27.70	-9.40	-4.46
-15.0C	10.395	-238.52	7.42	-27.53	-9.01	-5.18
-16.0D	10.256	-251.08	19.45	-25.41	-8.45	-5.81
-17.0D	10.005	-264.13	29.20	-21.34	-7.70	-6.38
-18.0	9.669	-277.96	35.95	-15.17	-6.77	-6.90
-19.0	9.279	-292.86	39.96	-6.66	-5.64	-7.37
-20.0	8.860	-309.13	41.37	4.40	-4.31	-7.74
-21.0E	8.450	-327.03	37.48	17.29	-2.76	-7.99
-22.0F	8.128	-346.59	23.57	28.73	-1.05	-8.06
-23.0F	8.000	-367.30	0.48	33.45	0.75	-7.97
-24.0F	8.122	-388.02	-23.72	28.55	2.53	-7.72
-25.0F	8.461	-407.55	-40.94	16.45	4.20	-7.34
-26.0E	8.923	-425.28	-47.54	2.39	5.69	-6.87
-27.0E	9.400	-441.21	-44.40	-9.58	6.94	-6.33
-28.0E	9.809	-455.70	-34.87	-17.99	7.96	-5.74
-29.0	10.102	-469.19	-22.12	-23.06	8.73	-5.08
-30.0	10.257	-482.10	-8.03	-25.34	9.28	-4.37

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-20.00	0.0	10.00
-1.0	9.802	-13.73	23.79	-16.31	-0.99	9.75
-2.0	9.514	-28.16	32.47	-10.11	-2.03	9.29
-3.0C	9.145	-43.65	38.87	-0.95	-3.12	8.60
-4.0C	8.743	-60.55	38.05	10.44	-4.23	7.65
-5.0D	8.405	-78.98	26.25	21.04	-5.34	6.49
-6.0	8.234	-98.57	6.56	26.63	-6.41	5.17
-7.0	8.275	-118.43	-14.28	24.79	-7.38	3.75
-8.0	8.512	-137.61	-31.05	16.40	-8.20	2.30
-9.0	8.887	-155.42	-41.09	4.64	-8.84	0.89
-10.0D	9.326	-171.62	-43.69	-7.14	-9.32	-0.41
-11.0D	9.757	-186.34	-39.42	-16.73	-9.63	-1.58
-12.0C	10.115	-199.89	-29.90	-23.37	-9.77	-2.61
-13.0C	10.358	-212.66	-17.23	-27.20	-9.74	-3.51
-14.0C	10.463	-225.00	-3.24	-28.64	-9.54	-4.30
-15.0C	10.424	-237.27	10.58	-27.99	-9.15	-4.99
-16.0D	10.252	-249.79	22.81	-25.36	-8.58	-5.62
-17.0D	9.968	-262.89	32.07	-20.73	-7.81	-6.19
-18.0	9.608	-276.86	37.80	-14.02	-6.86	-6.73
-19.0	9.204	-291.98	40.87	-4.98	-5.71	-7.22
-20.0	8.779	-308.52	41.75	6.65	-4.35	-7.63
-21.0E	8.369	-326.76	36.95	20.00	-2.77	-7.90
-22.0F	8.063	-346.68	20.89	31.15	-1.03	-8.00
-23.0F	7.974	-367.63	-4.35	34.34	0.79	-7.93
-24.0F	8.150	-388.33	-29.10	27.33	2.58	-7.73
-25.0F	8.539	-407.61	-45.07	13.72	4.25	-7.41
-26.0E	9.031	-424.94	-49.26	-0.70	5.72	-6.99
-27.0E	9.513	-440.49	-43.63	-12.14	6.95	-6.50
-28.0E	9.904	-454.66	-32.26	-19.73	7.93	-5.94
-29.0	10.164	-467.94	-18.36	-23.97	8.67	-5.31
-30.0	10.276	-480.76	-3.56	-25.47	9.19	-4.59

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-20.00	0.0	10.00
-1.0	9.803	-13.73	23.72	-16.33	-0.99	9.75
-2.0	9.513	-28.16	32.75	-10.08	-2.03	9.29
-3.0C	9.139	-43.66	39.73	-0.69	-3.12	8.59
-4.0C	8.727	-60.61	38.95	11.06	-4.23	7.64
-5.0D	8.385	-79.14	26.13	21.83	-5.34	6.46
-6.0	8.221	-98.81	5.18	27.09	-6.42	5.14
-7.0	8.281	-118.69	-16.41	24.52	-7.40	3.72
-8.0	8.541	-137.78	-33.41	15.32	-8.23	2.28
-9.0D	8.940	-155.41	-43.31	2.95	-8.89	0.90
-10.0D	9.400	-171.38	-45.33	-9.10	-9.39	-0.37
-11.0D	9.841	-185.84	-40.00	-18.61	-9.73	-1.51
-12.0C	10.199	-199.15	-29.19	-24.93	-9.89	-2.51
-13.0C	10.428	-211.71	-15.30	-28.33	-9.87	-3.37
-14.0C	10.508	-223.91	-0.35	-29.30	-9.66	-4.13
-15.0C	10.437	-236.12	14.07	-28.13	-9.26	-4.81
-16.0D	10.228	-248.66	26.31	-24.92	-8.67	-5.43
-17.0D	9.912	-261.87	34.80	-19.69	-7.88	-6.02
-18.0	9.530	-276.03	39.28	-12.41	-6.90	-6.58
-19.0	9.116	-291.41	41.38	-2.83	-5.72	-7.10
-20.0	8.689	-308.29	41.72	9.35	-4.33	-7.53
-21.0E	8.285	-326.91	35.58	23.00	-2.73	-7.82
-22.0F	8.005	-347.20	16.95	33.39	-0.95	-7.95
-23.0F	7.968	-368.32	-10.15	34.53	0.89	-7.92
-24.0F	8.204	-388.90	-34.67	25.27	2.68	-7.75
-25.0F	8.640	-407.80	-48.54	10.45	4.33	-7.48
-26.0E	9.153	-424.70	-49.78	-3.84	5.76	-7.11
-27.0E	9.626	-439.85	-41.63	-14.44	6.96	-6.66
-28.0	9.988	-453.74	-28.70	-21.06	7.90	-6.12
-29.0	10.207	-466.87	-13.97	-24.41	8.61	-5.49
-30.0	10.272	-479.65	1.34	-25.07	9.10	-4.77

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-20.00	0.0	10.00
-1.0	9.803	-13.72	23.66	-16.35	-0.99	9.75
-2.0	9.513	-28.15	33.03	-10.05	-2.03	9.29
-3.0C	9.133	-43.67	40.59	-0.44	-3.11	8.59
-4.0D	8.712	-60.67	39.83	11.68	-4.23	7.62
-5.0D	8.365	-79.29	25.94	22.59	-5.35	6.43
-6.0	8.210	-99.04	3.75	27.50	-6.43	5.10
-7.0	8.288	-118.93	-18.53	24.19	-7.42	3.69
-8.0	8.571	-137.93	-35.74	14.20	-8.27	2.27
-9.0D	8.993	-155.38	-45.49	1.25	-8.95	0.91
-10.0D	9.473	-171.11	-46.82	-11.00	-9.47	-0.33
-11.0D	9.924	-185.32	-40.27	-20.36	-9.82	-1.43
-12.0C	10.277	-198.41	-28.09	-26.29	-9.99	-2.40
-13.0C	10.489	-210.80	-13.00	-29.23	-9.98	-3.24
-14.0C	10.541	-222.90	2.85	-29.69	-9.76	-3.97
-15.0C	10.434	-235.07	17.76	-27.96	-9.34	-4.64
-16.0D	10.187	-247.67	29.78	-24.14	-8.72	-5.26
-17.0D	9.840	-261.04	37.20	-18.30	-7.90	-5.86
-18.0	9.441	-275.44	40.29	-10.46	-6.90	-6.45
-19.0	9.022	-291.13	41.54	-0.35	-5.70	-7.00
-20.0	8.596	-308.38	41.31	12.36	-4.28	-7.46
-21.0E	8.203	-327.41	33.41	26.09	-2.63	-7.77
-22.0F	7.960	-348.03	12.00	35.25	-0.83	-7.92
-23.0F	7.983	-369.25	-16.48	33.97	1.02	-7.92
-24.0F	8.280	-389.59	-39.98	22.54	2.80	-7.79
-25.0E	8.757	-408.06	-51.04	6.97	4.42	-7.56
-26.0E	9.279	-424.50	-49.08	-6.78	5.82	-7.23
-27.0E	9.732	-439.29	-38.65	-16.32	6.97	-6.80
-28.0	10.057	-452.96	-24.54	-21.93	7.87	-6.27
-29.0	10.230	-465.99	-9.22	-24.39	8.54	-5.63
-30.0	10.245	-478.80	6.44	-24.17	9.00	-4.89

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-15.00	0.0	10.00
-1.0	9.814	-14.01	21.44	-11.44	-1.04	9.76
-2.0	9.563	-28.67	27.36	-6.01	-2.13	9.32
-3.0C	9.261	-44.23	31.22	1.43	-3.24	8.67
-4.0C	8.942	-60.89	30.03	10.20	-4.37	7.80
-5.0D	8.673	-78.73	21.21	18.23	-5.48	6.72
-6.0D	8.530	-97.43	5.95	22.60	-6.53	5.49
-7.0D	8.558	-116.38	-11.22	21.38	-7.49	4.15
-8.0D	8.751	-134.82	-25.70	14.98	-8.30	2.77
-9.0D	9.065	-152.18	-34.69	5.66	-8.95	1.42
-10.0D	9.438	-168.25	-37.29	-3.96	-9.44	0.14
-11.0D	9.807	-183.07	-34.08	-12.07	-9.75	-1.03
-12.0C	10.120	-196.88	-26.52	-17.93	-9.90	-2.10
-13.0C	10.341	-209.98	-16.29	-21.52	-9.88	-3.05
-14.0C	10.449	-222.66	-4.83	-23.09	-9.69	-3.90
-15.0C	10.439	-235.24	6.67	-22.85	-9.34	-4.67
-16.0D	10.316	-247.97	17.10	-20.91	-8.81	-5.38
-17.0D	10.097	-261.15	25.31	-17.33	-8.10	-6.03
-18.0D	9.809	-275.00	30.49	-12.15	-7.22	-6.64
-19.0	9.484	-289.73	32.71	-5.45	-6.17	-7.20
-20.0	9.148	-305.53	32.61	2.66	-4.94	-7.70
-21.0	8.825	-322.51	29.96	11.80	-3.53	-8.09
-22.0E	8.551	-340.72	22.71	20.63	-1.97	-8.32
-23.0E	8.382	-359.93	9.23	26.52	-0.29	-8.38
-24.0F	8.376	-379.57	-8.20	26.77	1.41	-8.26
-25.0F	8.545	-398.83	-24.24	21.01	3.07	-7.97
-26.0E	8.851	-417.03	-34.35	11.53	4.61	-7.56
-27.0E	9.222	-433.87	-37.05	1.50	5.96	-7.04
-28.0E	9.587	-449.41	-33.47	-6.92	7.11	-6.43
-29.0E	9.893	-463.90	-25.76	-12.96	8.05	-5.75
-30.0	10.107	-477.65	-15.79	-16.65	8.78	-5.00

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-15.00	0.0	10.00
-1.0	9.814	-14.01	21.37	-11.46	-1.04	9.76
-2.0	9.563	-28.67	27.62	-5.98	-2.13	9.32
-3.0C	9.255	-44.24	32.06	1.66	-3.24	8.67
-4.0C	8.926	-60.95	31.10	10.81	-4.37	7.78
-5.0D	8.649	-78.88	21.58	19.14	-5.48	6.69
-6.0D	8.509	-97.70	5.02	23.38	-6.54	5.44
-7.0D	8.552	-116.71	-13.28	21.56	-7.50	4.10
-8.0D	8.769	-135.12	-28.34	14.32	-8.33	2.73
-9.0D	9.111	-152.35	-37.28	4.27	-9.00	1.40
-10.0D	9.508	-168.21	-39.24	-5.74	-9.51	0.15
-11.0D	9.892	-182.78	-34.92	-13.88	-9.84	-0.99
-12.0C	10.207	-196.35	-26.09	-19.49	-10.00	-2.02
-13.0C	10.417	-209.23	-14.66	-22.71	-9.99	-2.94
-14.0C	10.503	-221.76	-2.23	-23.83	-9.80	-3.77
-15.0C	10.463	-234.25	9.93	-23.09	-9.44	-4.52
-16.0D	10.305	-246.98	20.51	-20.60	-8.89	-5.22
-17.0D	10.053	-260.23	28.18	-16.44	-8.16	-5.87
-18.0D	9.742	-274.24	32.18	-10.74	-7.26	-6.50
-19.0	9.406	-289.21	33.12	-3.65	-6.18	-7.09
-20.0	9.071	-305.27	32.16	4.72	-4.93	-7.61
-21.0	8.755	-322.55	29.00	13.99	-3.50	-8.02
-22.0E	8.494	-341.03	20.98	22.68	-1.91	-8.28
-23.0E	8.349	-360.47	6.39	27.88	-0.21	-8.35
-24.0F	8.376	-380.20	-11.78	26.95	1.50	-8.24
-25.0F	8.581	-399.39	-27.51	20.00	3.16	-7.98
-26.0E	8.915	-417.39	-36.36	9.88	4.69	-7.58
-27.0E	9.298	-433.98	-37.37	-0.13	6.03	-7.08
-28.0E	9.658	-449.29	-32.25	-8.12	7.15	-6.49
-29.0E	9.945	-463.62	-23.42	-13.56	8.07	-5.81
-30.0	10.131	-477.30	-12.72	-16.60	8.77	-5.07

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-15.00	0.0	10.00
-1.0	9.815	-14.01	21.31	-11.48	-1.04	9.76
-2.0	9.563	-28.67	27.87	-5.96	-2.13	9.32
-3.0C	9.250	-44.24	32.89	1.90	-3.24	8.66
-4.0C	8.910	-61.01	32.15	11.42	-4.37	7.77
-5.0D	8.625	-79.03	21.88	20.02	-5.48	6.66
-6.0D	8.489	-97.95	3.99	24.10	-6.55	5.40
-7.0D	8.549	-117.02	-15.39	21.64	-7.52	4.06
-8.0D	8.791	-135.39	-30.95	13.57	-8.37	2.70
-9.0D	9.159	-152.49	-39.77	2.85	-9.05	1.39
-10.0D	9.578	-168.13	-40.95	-7.47	-9.58	0.16
-11.0C	9.973	-182.47	-35.41	-15.53	-9.93	-0.95
-12.0C	10.286	-195.81	-25.24	-20.84	-10.10	-1.94
-13.0C	10.481	-208.52	-12.64	-23.64	-10.09	-2.83
-14.0C	10.542	-220.93	0.69	-24.29	-9.90	-3.64
-15.0C	10.469	-233.36	13.39	-23.01	-9.51	-4.38
-16.0D	10.276	-246.13	23.92	-19.93	-8.94	-5.07
-17.0D	9.993	-259.52	30.74	-15.18	-8.18	-5.74
-18.0	9.662	-273.74	33.31	-9.00	-7.25	-6.38
-19.0	9.321	-288.97	32.94	-1.59	-6.16	-7.00
-20.0	8.992	-305.33	31.26	6.95	-4.88	-7.55
-21.0	8.688	-322.90	27.60	16.24	-3.43	-7.98
-22.0E	8.446	-341.66	18.75	24.59	-1.81	-8.25
-23.0E	8.329	-361.27	3.09	28.86	-0.10	-8.33
-24.0F	8.392	-381.04	-15.44	26.64	1.63	-8.23
-25.0E	8.632	-400.09	-30.40	18.64	3.28	-7.99
-26.0E	8.987	-417.85	-37.64	8.15	4.79	-7.61
-27.0E	9.374	-434.19	-36.86	-1.60	6.10	-7.12
-28.0E	9.722	-449.30	-30.33	-8.99	7.20	-6.53
-29.0	9.984	-463.51	-20.59	-13.76	8.09	-5.85
-30.0	10.138	-477.15	-9.36	-16.14	8.77	-5.09

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-15.00	0.0	10.00
-1.0	9.815	-14.01	21.24	-11.50	-1.04	9.76
-2.0	9.563	-28.67	28.13	-5.93	-2.13	9.32
-3.0C	9.244	-44.25	33.72	2.14	-3.24	8.66
-4.0C	8.894	-61.06	33.17	12.02	-4.37	7.75
-5.0D	8.603	-79.17	22.09	20.88	-5.49	6.63
-6.0D	8.471	-98.20	2.87	24.76	-6.56	5.36
-7.0D	8.548	-117.32	-17.54	21.63	-7.54	4.02
-8.0D	8.814	-135.64	-33.54	12.75	-8.40	2.67
-9.0D	9.208	-152.59	-42.13	1.40	-9.10	1.38
-10.0D	9.647	-168.02	-42.41	-9.13	-9.65	0.18
-11.0C	10.051	-182.14	-35.53	-17.04	-10.01	-0.90
-12.0C	10.358	-195.28	-24.02	-21.99	-10.19	-1.86
-13.0C	10.535	-207.83	-10.31	-24.34	-10.18	-2.73
-14.0C	10.568	-220.15	3.84	-24.49	-9.97	-3.51
-15.0C	10.460	-232.58	16.94	-22.65	-9.56	-4.24
-16.0D	10.231	-245.43	27.19	-18.97	-8.96	-4.94
-17.0D	9.920	-258.99	32.85	-13.65	-8.17	-5.62
-18.0	9.575	-273.46	33.83	-7.04	-7.22	-6.29
-19.0	9.236	-288.98	32.25	0.60	-6.10	-6.94
-20.0	8.917	-305.63	30.02	9.22	-4.80	-7.51
-21.0	8.628	-323.49	25.93	18.41	-3.32	-7.96
-22.0E	8.407	-342.49	16.19	26.25	-1.68	-8.24
-23.0E	8.321	-362.24	-0.36	29.47	0.04	-8.32
-24.0F	8.421	-381.98	-18.91	25.97	1.77	-8.23
-25.0E	8.691	-400.85	-32.74	17.12	3.41	-8.00
-26.0E	9.062	-418.37	-38.19	6.52	4.89	-7.63
-27.0E	9.445	-434.48	-35.71	-2.79	6.18	-7.14
-28.0E	9.774	-449.43	-27.98	-9.52	7.26	-6.55
-29.0	10.008	-463.56	-17.52	-13.60	8.11	-5.86
-30.0	10.129	-477.22	-5.91	-15.30	8.76	-5.08

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-10.00	0.0	10.00
-1.0	9.826	-14.30	18.98	-6.60	-1.09	9.77
-2.0	9.613	-29.18	22.47	-1.93	-2.22	9.35
-3.0	9.372	-44.80	24.37	4.01	-3.37	8.75
-4.0C	9.127	-61.28	22.72	10.61	-4.51	7.93
-5.0C	8.925	-78.61	15.80	16.42	-5.62	6.93
-6.0D	8.821	-96.57	4.06	19.47	-6.67	5.77
-7.0D	8.849	-114.67	-9.52	18.43	-7.61	4.52
-8.0D	9.009	-132.38	-21.38	13.50	-8.42	3.21
-9.0D	9.271	-149.25	-29.01	6.25	-9.07	1.92
-10.0D	9.585	-165.09	-31.48	-1.42	-9.56	0.67
-11.0C	9.899	-179.90	-29.17	-8.09	-9.89	-0.50
-12.0C	10.169	-193.86	-23.22	-13.09	-10.05	-1.58
-13.0C	10.366	-207.18	-14.98	-16.30	-10.04	-2.57
-14.0C	10.472	-220.13	-5.62	-17.84	-9.88	-3.48
-15.0C	10.480	-232.94	3.87	-17.85	-9.55	-4.31
-16.0C	10.395	-245.86	12.53	-16.45	-9.07	-5.09
-17.0D	10.230	-259.09	19.39	-13.74	-8.42	-5.81
-18.0D	10.008	-272.84	23.62	-9.89	-7.62	-6.49
-19.0	9.757	-287.24	25.00	-5.15	-6.66	-7.13
-20.0	9.504	-302.40	24.06	0.20	-5.56	-7.71
-21.0	9.270	-318.35	21.55	5.83	-4.32	-8.20
-22.0	9.068	-335.07	17.69	11.32	-2.95	-8.58
-23.0	8.914	-352.48	12.03	15.96	-1.47	-8.79
-24.0E	8.830	-370.39	4.23	18.80	0.08	-8.83
-25.0E	8.833	-388.48	-4.98	18.97	1.64	-8.68
-26.0E	8.930	-406.39	-13.76	16.30	3.16	-8.35
-27.0E	9.106	-423.76	-20.20	11.51	4.58	-7.87
-28.0E	9.331	-440.39	-23.16	5.83	5.86	-7.26
-29.0E	9.568	-456.22	-22.61	0.39	6.98	-6.55
-30.0E	9.784	-471.33	-19.17	-4.07	7.92	-5.75

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-10.00	0.0	10.00
-1.0	9.827	-14.30	18.91	-6.62	-1.09	9.77
-2.0	9.614	-29.18	22.70	-1.90	-2.22	9.35
-3.0	9.367	-44.81	25.16	4.22	-3.37	8.74
-4.0C	9.112	-61.33	23.88	11.19	-4.51	7.92
-5.0C	8.899	-78.76	16.60	17.37	-5.62	6.90
-6.0D	8.791	-96.84	3.78	20.50	-6.67	5.72
-7.0D	8.829	-115.06	-11.04	19.09	-7.62	4.46
-8.0D	9.010	-132.81	-23.74	13.49	-8.44	3.15
-9.0D	9.298	-149.63	-31.57	5.54	-9.11	1.86
-10.0D	9.636	-165.33	-33.58	-2.61	-9.61	0.63
-11.0C	9.966	-179.97	-30.34	-9.43	-9.95	-0.51
-12.0C	10.243	-193.72	-23.27	-14.34	-10.12	-1.57
-13.0C	10.435	-206.87	-13.93	-17.29	-10.12	-2.53
-14.0C	10.525	-219.67	-3.65	-18.48	-9.96	-3.41
-15.0C	10.510	-232.39	6.50	-18.07	-9.62	-4.23
-16.0C	10.396	-245.28	15.43	-16.19	-9.12	-5.00
-17.0D	10.202	-258.57	21.95	-13.00	-8.45	-5.72
-18.0D	9.958	-272.44	25.21	-8.74	-7.62	-6.41
-19.0	9.698	-287.02	25.28	-3.75	-6.65	-7.06
-20.0	9.449	-302.37	23.19	1.62	-5.53	-7.66
-21.0	9.227	-318.50	20.03	7.06	-4.28	-8.18
-22.0	9.042	-335.35	16.04	12.22	-2.90	-8.57
-23.0	8.904	-352.85	10.62	16.52	-1.41	-8.79
-24.0E	8.831	-370.79	3.26	19.08	0.14	-8.83
-25.0E	8.842	-388.88	-5.44	19.09	1.71	-8.68
-26.0E	8.941	-406.77	-13.76	16.41	3.22	-8.34
-27.0E	9.116	-424.14	-19.80	11.75	4.63	-7.85
-28.0E	9.335	-440.77	-22.46	6.27	5.91	-7.23
-29.0E	9.563	-456.64	-21.68	1.08	7.02	-6.49
-30.0E	9.769	-471.81	-18.12	-3.13	7.95	-5.67

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-10.00	0.0	10.00
-1.0	9.827	-14.30	18.84	-6.64	-1.09	9.77
-2.0	9.614	-29.17	22.93	-1.88	-2.22	9.35
-3.0C	9.362	-44.81	25.95	4.44	-3.37	8.74
-4.0C	9.096	-61.38	25.03	11.77	-4.51	7.90
-5.0D	8.873	-78.90	17.32	18.30	-5.63	6.86
-6.0D	8.764	-97.11	3.35	21.48	-6.68	5.68
-7.0D	8.812	-115.43	-12.70	19.65	-7.64	4.40
-8.0D	9.014	-133.21	-26.17	13.34	-8.47	3.09
-9.0D	9.328	-149.97	-34.07	4.71	-9.15	1.82
-10.0D	9.689	-165.52	-35.47	-3.83	-9.67	0.61
-11.0C	10.034	-179.97	-31.16	-10.72	-10.02	-0.52
-12.0C	10.313	-193.54	-22.90	-15.44	-10.20	-1.55
-13.0C	10.495	-206.53	-12.49	-18.09	-10.20	-2.48
-14.0C	10.566	-219.22	-1.34	-18.88	-10.02	-3.35
-15.0C	10.524	-231.89	9.38	-18.01	-9.67	-4.15
-16.0C	10.380	-244.80	18.39	-15.63	-9.15	-4.91
-17.0D	10.158	-258.18	24.31	-11.94	-8.45	-5.64
-18.0D	9.896	-272.21	26.32	-7.29	-7.60	-6.34
-19.0	9.631	-287.00	24.94	-2.15	-6.61	-7.01
-20.0	9.392	-302.56	21.76	3.11	-5.47	-7.63
-21.0	9.188	-318.87	18.09	8.24	-4.21	-8.17
-22.0	9.023	-335.84	14.10	12.98	-2.82	-8.57
-23.0	8.903	-353.39	9.05	16.86	-1.32	-8.80
-24.0E	8.843	-371.33	2.31	19.09	0.23	-8.84
-25.0E	8.860	-389.39	-5.70	18.99	1.79	-8.68
-26.0E	8.959	-407.24	-13.39	16.41	3.29	-8.33
-27.0E	9.127	-424.58	-18.97	12.00	4.70	-7.82
-28.0E	9.336	-441.23	-21.37	6.84	5.97	-7.18
-29.0E	9.553	-457.15	-20.50	1.96	7.07	-6.42
-30.0E	9.746	-472.41	-16.96	-1.97	7.99	-5.58

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-10.00	0.0	10.00
-1.0	9.828	-14.30	18.78	-6.67	-1.09	9.77
-2.0	9.614	-29.17	23.16	-1.86	-2.22	9.35
-3.0C	9.357	-44.82	26.73	4.66	-3.37	8.73
-4.0C	9.081	-61.43	26.15	12.35	-4.51	7.88
-5.0D	8.848	-79.04	17.97	19.22	-5.63	6.83
-6.0D	8.738	-97.37	2.80	22.39	-6.68	5.63
-7.0D	8.798	-115.78	-14.47	20.10	-7.65	4.34
-8.0D	9.023	-133.58	-28.62	13.06	-8.49	3.04
-9.0D	9.362	-150.25	-36.47	3.80	-9.19	1.78
-10.0C	9.744	-165.66	-37.11	-5.06	-9.73	0.59
-11.0C	10.100	-179.93	-31.63	-11.93	-10.09	-0.51
-12.0C	10.377	-193.33	-22.17	-16.41	-10.27	-1.52
-13.0C	10.547	-206.18	-10.72	-18.70	-10.26	-2.43
-14.0C	10.595	-218.78	1.23	-19.07	-10.07	-3.28
-15.0C	10.524	-231.43	12.41	-17.71	-9.70	-4.07
-16.0C	10.349	-244.39	21.32	-14.80	-9.15	-4.83
-17.0D	10.101	-257.91	26.35	-10.63	-8.43	-5.56
-18.0D	9.825	-272.14	26.87	-5.67	-7.55	-6.28
-19.0	9.563	-287.15	24.01	-0.47	-6.54	-6.98
-20.0	9.339	-302.93	19.88	4.57	-5.39	-7.62
-21.0	9.156	-319.39	15.87	9.27	-4.12	-8.18
-22.0	9.013	-336.46	12.02	13.51	-2.72	-8.59
-23.0	8.913	-354.02	7.50	16.92	-1.23	-8.83
-24.0E	8.865	-371.92	1.56	18.87	0.32	-8.86
-25.0E	8.885	-389.92	-5.57	18.75	1.87	-8.69
-26.0E	8.978	-407.71	-12.54	16.40	3.37	-8.32
-27.0E	9.135	-425.03	-17.70	12.37	4.77	-7.79
-28.0E	9.330	-441.72	-19.98	7.62	6.03	-7.12
-29.0E	9.533	-457.72	-19.21	3.08	7.12	-6.34
-30.0E	9.715	-473.10	-15.92	-0.59	8.03	-5.46

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-5.00	0.0	10.00
-1.0	9.839	-14.59	16.47	-1.78	-1.14	9.77
-2.0	9.665	-29.68	17.51	2.11	-2.32	9.38
-3.0	9.484	-45.36	17.45	6.54	-3.50	8.82
-4.0C	9.315	-61.64	15.18	11.05	-4.66	8.07
-5.0C	9.185	-78.49	9.80	14.73	-5.77	7.14
-6.0C	9.125	-95.70	1.55	16.48	-6.81	6.08
-7.0D	9.157	-112.98	-7.96	15.58	-7.73	4.91
-8.0D	9.284	-129.95	-16.50	12.14	-8.52	3.68
-9.0D	9.485	-146.33	-22.31	7.04	-9.17	2.43
-10.0C	9.728	-161.94	-24.57	1.46	-9.65	1.21
-11.0C	9.976	-176.78	-23.38	-3.64	-9.98	0.04
-12.0C	10.197	-190.94	-19.42	-7.70	-10.14	-1.07
-13.0C	10.367	-204.57	-13.59	-10.51	-10.15	-2.11
-14.0C	10.471	-217.84	-6.72	-12.06	-10.01	-3.08
-15.0C	10.504	-230.96	0.41	-12.43	-9.72	-3.99
-16.0C	10.465	-244.09	7.05	-11.71	-9.28	-4.83
-17.0D	10.364	-257.40	12.44	-10.02	-8.70	-5.63
-18.0D	10.217	-271.03	15.91	-7.56	-7.98	-6.38
-19.0D	10.046	-285.10	17.09	-4.59	-7.13	-7.08
-20.0	9.875	-299.64	16.14	-1.44	-6.16	-7.72
-21.0	9.721	-314.66	13.67	1.56	-5.07	-8.29
-22.0	9.598	-330.10	10.42	4.16	-3.89	-8.77
-23.0	9.509	-345.87	6.96	6.18	-2.63	-9.14
-24.0	9.455	-361.89	3.65	7.54	-1.31	-9.36
-25.0	9.433	-378.03	0.64	8.22	0.04	-9.43
-26.0	9.440	-394.22	-1.95	8.27	1.40	-9.34
-27.0	9.471	-410.35	-4.02	7.77	2.73	-9.07
-28.0	9.520	-426.36	-5.47	6.87	4.00	-8.64
-29.0	9.581	-442.20	-6.26	5.73	5.19	-8.05
-30.0E	9.646	-457.86	-6.38	4.52	6.27	-7.33

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-5.00	0.0	10.00
-1.0	9.839	-14.58	16.40	-1.80	-1.14	9.77
-2.0	9.665	-29.68	17.72	2.12	-2.31	9.38
-3.0	9.480	-45.36	18.18	6.73	-3.49	8.81
-4.0C	9.301	-61.69	16.36	11.58	-4.66	8.05
-5.0C	9.158	-78.62	10.95	15.67	-5.77	7.11
-6.0C	9.089	-95.97	2.01	17.69	-6.81	6.02
-7.0D	9.122	-113.40	-8.56	16.73	-7.74	4.83
-8.0D	9.260	-130.49	-18.10	12.89	-8.54	3.59
-9.0D	9.481	-146.93	-24.45	7.24	-9.19	2.34
-10.0C	9.746	-162.53	-26.69	1.16	-9.68	1.12
-11.0C	10.014	-177.29	-25.01	-4.26	-10.01	-0.05
-12.0C	10.248	-191.33	-20.28	-8.43	-10.18	-1.14
-13.0C	10.422	-204.83	-13.59	-11.19	-10.19	-2.17
-14.0C	10.522	-217.98	-5.91	-12.58	-10.05	-3.12
-15.0C	10.542	-231.00	1.88	-12.70	-9.75	-4.01
-16.0C	10.486	-244.07	8.92	-11.67	-9.30	-4.84
-17.0D	10.366	-257.38	14.32	-9.66	-8.70	-5.63
-18.0D	10.202	-271.06	17.31	-6.91	-7.97	-6.37
-19.0D	10.021	-285.20	17.58	-3.77	-7.10	-7.07
-20.0	9.850	-299.84	15.56	-0.66	-6.11	-7.72
-21.0	9.707	-314.93	12.18	2.08	-5.03	-8.30
-22.0	9.602	-330.40	8.39	4.23	-3.85	-8.80
-23.0	9.535	-346.13	4.84	5.71	-2.60	-9.17
-24.0	9.501	-362.03	1.86	6.56	-1.29	-9.41
-25.0	9.494	-378.00	-0.42	6.87	0.04	-9.49
-26.0	9.507	-393.97	-1.99	6.80	1.37	-9.41
-27.0	9.533	-409.90	-2.91	6.49	2.68	-9.15
-28.0	9.565	-425.74	-3.25	6.07	3.93	-8.72
-29.0	9.598	-441.50	-3.16	5.65	5.10	-8.13
-30.0E	9.629	-457.17	-2.81	5.31	6.17	-7.39

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-5.00	0.0	10.00
-1.0	9.840	-14.58	16.33	-1.83	-1.14	9.77
-2.0	9.665	-29.68	17.93	2.14	-2.31	9.38
-3.0	9.475	-45.37	18.91	6.93	-3.49	8.81
-4.0C	9.286	-61.73	17.54	12.12	-4.66	8.03
-5.0C	9.131	-78.75	12.05	16.61	-5.77	7.08
-6.0D	9.054	-96.24	2.33	18.86	-6.81	5.97
-7.0D	9.090	-113.81	-9.38	17.77	-7.75	4.76
-8.0D	9.242	-131.01	-19.89	13.48	-8.55	3.50
-9.0D	9.484	-147.48	-26.68	7.24	-9.21	2.25
-10.0C	9.772	-163.03	-28.74	0.68	-9.72	1.03
-11.0C	10.057	-177.70	-26.41	-4.99	-10.06	-0.12
-12.0C	10.301	-191.61	-20.79	-9.20	-10.23	-1.20
-13.0C	10.475	-204.98	-13.17	-11.83	-10.24	-2.20
-14.0C	10.567	-218.03	-4.67	-12.99	-10.09	-3.14
-15.0C	10.571	-230.97	3.74	-12.79	-9.78	-4.01
-16.0C	10.494	-244.02	11.10	-11.40	-9.31	-4.84
-17.0D	10.351	-257.35	16.33	-9.01	-8.69	-5.62
-18.0D	10.170	-271.12	18.58	-5.96	-7.93	-6.36
-19.0D	9.982	-285.38	17.71	-2.70	-7.05	-7.07
-20.0	9.816	-300.15	14.49	0.29	-6.05	-7.73
-21.0	9.690	-315.33	10.18	2.66	-4.96	-8.32
-22.0	9.608	-330.83	5.88	4.26	-3.78	-8.83
-23.0	9.567	-346.51	2.25	5.09	-2.55	-9.22
-24.0	9.558	-362.27	-0.41	5.31	-1.26	-9.47
-25.0	9.572	-378.02	-2.02	5.13	0.04	-9.57
-26.0	9.596	-393.72	-2.62	4.79	1.34	-9.50
-27.0	9.622	-409.35	-2.35	4.49	2.61	-9.26
-28.0	9.642	-424.93	-1.40	4.40	3.83	-8.85
-29.0	9.650	-440.48	-0.07	4.63	4.98	-8.27
-30.0E	9.643	-456.05	1.25	5.20	6.03	-7.52

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	-5.00	0.0	10.00
-1.0	9.841	-14.58	16.26	-1.85	-1.14	9.77
-2.0	9.665	-29.67	18.14	2.16	-2.31	9.38
-3.0	9.471	-45.37	19.64	7.12	-3.49	8.80
-4.0C	9.272	-61.78	18.71	12.65	-4.65	8.02
-5.0C	9.105	-78.89	13.09	17.54	-5.77	7.04
-6.0D	9.021	-96.50	2.51	19.99	-6.81	5.91
-7.0D	9.061	-114.21	-10.40	18.72	-7.75	4.69
-8.0D	9.229	-131.50	-21.84	13.90	-8.57	3.43
-9.0D	9.493	-147.97	-28.96	7.07	-9.24	2.17
-10.0C	9.803	-163.47	-30.68	0.07	-9.76	0.96
-11.0C	10.104	-178.02	-27.54	-5.78	-10.10	-0.18
-12.0C	10.354	-191.81	-20.94	-9.95	-10.28	-1.24
-13.0C	10.526	-205.05	-12.38	-12.39	-10.29	-2.23
-14.0C	10.605	-218.00	-3.07	-13.26	-10.13	-3.15
-15.0C	10.589	-230.89	5.92	-12.71	-9.80	-4.01
-16.0C	10.489	-243.95	13.46	-10.91	-9.31	-4.82
-17.0D	10.323	-257.35	18.32	-8.13	-8.67	-5.60
-18.0D	10.126	-271.23	19.57	-4.79	-7.89	-6.35
-19.0D	9.935	-285.65	17.35	-1.47	-6.98	-7.07
-20.0	9.779	-300.56	12.87	1.30	-5.97	-7.74
-21.0	9.674	-315.84	7.69	3.18	-4.88	-8.35
-22.0	9.620	-331.36	2.96	4.11	-3.71	-8.88
-23.0	9.610	-346.96	-0.71	4.20	-2.48	-9.28
-24.0	9.630	-362.53	-3.09	3.70	-1.23	-9.55
-25.0	9.668	-378.01	-4.14	2.92	0.04	-9.67
-26.0	9.711	-393.37	-3.94	2.14	1.30	-9.62
-27.0	9.745	-408.61	-2.62	1.64	2.53	-9.41
-28.0	9.761	-423.79	-0.40	1.62	3.70	-9.03
-29.0	9.751	-438.98	2.39	2.24	4.81	-8.48
-30.0	9.712	-454.27	5.26	3.59	5.84	-7.76

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	0.0	0.0	10.00
-1.0	9.852	-14.87	13.92	3.02	-1.19	9.78
-2.0	9.716	-30.18	12.50	6.09	-2.41	9.41
-3.0	9.598	-45.90	10.46	9.03	-3.62	8.89
-4.0C	9.506	-61.99	7.37	11.53	-4.80	8.20
-5.0C	9.452	-78.36	3.03	13.16	-5.92	7.37
-6.0C	9.447	-94.84	-2.29	13.51	-6.95	6.40
-7.0C	9.499	-111.25	-7.84	12.40	-7.86	5.33
-8.0C	9.605	-127.41	-12.63	10.01	-8.64	4.19
-9.0C	9.752	-143.15	-15.84	6.78	-9.27	3.02
-10.0C	9.922	-158.38	-17.08	3.27	-9.75	1.85
-11.0C	10.095	-173.11	-16.36	-0.03	-10.07	0.69
-12.0C	10.251	-187.37	-13.97	-2.79	-10.24	-0.44
-13.0C	10.377	-201.25	-10.37	-4.82	-10.26	-1.52
-14.0C	10.461	-214.86	-6.05	-6.08	-10.15	-2.55
-15.0C	10.500	-228.32	-1.52	-6.55	-9.89	-3.53
-16.0C	10.493	-241.75	2.71	-6.32	-9.50	-4.46
-17.0C	10.447	-255.25	6.16	-5.49	-8.98	-5.35
-18.0D	10.371	-268.92	8.37	-4.21	-8.33	-6.17
-19.0D	10.281	-282.80	9.09	-2.72	-7.58	-6.95
-20.0D	10.191	-296.93	8.30	-1.25	-6.72	-7.66
-21.0D	10.115	-311.28	6.32	-0.07	-5.78	-8.30
-22.0	10.064	-325.80	3.63	0.66	-4.76	-8.87
-23.0	10.041	-340.40	0.76	0.83	-3.69	-9.34
-24.0	10.047	-355.02	-1.85	0.47	-2.57	-9.71
-25.0	10.077	-369.57	-3.87	-0.33	-1.44	-9.97
-26.0	10.124	-383.99	-5.13	-1.41	-0.30	-10.12
-27.0	10.179	-398.26	-5.55	-2.61	0.83	-10.15
-28.0	10.235	-412.37	-5.13	-3.76	1.93	-10.05
-29.0	10.282	-426.32	-3.93	-4.70	2.99	-9.84
-30.0	10.313	-440.17	-2.02	-5.31	4.00	-9.50

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	0.0	0.0	10.00
-1.0	9.853	-14.87	13.85	3.00	-1.19	9.78
-2.0	9.717	-30.17	12.69	6.10	-2.41	9.41
-3.0	9.594	-45.91	11.12	9.20	-3.62	8.88
-4.0C	9.493	-62.03	8.52	12.01	-4.80	8.19
-5.0C	9.425	-78.47	4.39	14.04	-5.92	7.33
-6.0C	9.408	-95.09	-1.17	14.77	-6.95	6.34
-7.0C	9.452	-111.67	-7.37	13.87	-7.86	5.24
-8.0C	9.557	-128.01	-12.98	11.45	-8.64	4.08
-9.0C	9.711	-143.91	-16.94	7.98	-9.27	2.88
-10.0C	9.895	-159.28	-18.65	4.12	-9.75	1.69
-11.0C	10.085	-174.08	-18.05	0.46	-10.07	0.52
-12.0C	10.258	-188.36	-15.51	-2.58	-10.24	-0.61
-13.0C	10.397	-202.22	-11.56	-4.81	-10.26	-1.70
-14.0C	10.492	-215.78	-6.79	-6.17	-10.13	-2.72
-15.0C	10.535	-229.18	-1.79	-6.68	-9.87	-3.69
-16.0C	10.529	-242.55	2.86	-6.41	-9.47	-4.61
-17.0C	10.480	-255.99	6.57	-5.51	-8.93	-5.48
-18.0D	10.400	-269.60	8.83	-4.16	-8.28	-6.29
-19.0D	10.306	-283.45	9.33	-2.63	-7.52	-7.05
-20.0D	10.215	-297.54	8.12	-1.21	-6.66	-7.75
-21.0D	10.144	-311.84	5.62	-0.18	-5.71	-8.38
-22.0	10.102	-326.29	2.45	0.28	-4.70	-8.94
-23.0	10.094	-340.78	-0.79	0.10	-3.64	-9.41
-24.0	10.117	-355.24	-3.60	-0.66	-2.55	-9.79
-25.0	10.165	-369.57	-5.68	-1.87	-1.45	-10.06
-26.0	10.230	-383.73	-6.87	-3.34	-0.35	-10.22
-27.0	10.303	-397.68	-7.13	-4.89	0.74	-10.28
-28.0	10.373	-411.43	-6.49	-6.35	1.79	-10.22
-29.0	10.433	-424.98	-5.03	-7.56	2.80	-10.05
-30.0	10.473	-438.40	-2.82	-8.41	3.77	-9.77

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	0.0	0.0	10.00
-1.0	9.853	-14.87	13.78	2.98	-1.19	9.78
-2.0	9.717	-30.17	12.87	6.11	-2.41	9.41
-3.0	9.591	-45.91	11.78	9.37	-3.62	8.88
-4.0C	9.480	-62.07	9.66	12.48	-4.80	8.17
-5.0C	9.399	-78.59	5.73	14.92	-5.92	7.30
-6.0C	9.369	-95.34	-0.15	16.01	-6.95	6.28
-7.0C	9.406	-112.09	-7.10	15.29	-7.86	5.16
-8.0C	9.513	-128.60	-13.64	12.76	-8.64	3.97
-9.0C	9.679	-144.65	-18.35	8.96	-9.28	2.76
-10.0C	9.879	-160.10	-20.44	4.69	-9.76	1.55
-11.0C	10.087	-174.94	-19.83	0.66	-10.08	0.37
-12.0C	10.277	-189.20	-16.95	-2.65	-10.25	-0.77
-13.0C	10.429	-203.01	-12.48	-5.02	-10.26	-1.84
-14.0C	10.529	-216.51	-7.11	-6.41	-10.13	-2.86
-15.0C	10.573	-229.83	-1.53	-6.85	-9.86	-3.82
-16.0C	10.562	-243.13	3.59	-6.46	-9.45	-4.72
-17.0C	10.504	-256.53	7.55	-5.39	-8.90	-5.57
-18.0D	10.414	-270.12	9.74	-3.88	-8.24	-6.37
-19.0D	10.312	-283.97	9.84	-2.24	-7.46	-7.12
-20.0D	10.219	-298.08	7.98	-0.84	-6.59	-7.81
-21.0D	10.153	-312.38	4.75	0.03	-5.64	-8.44
-22.0	10.124	-326.81	0.92	0.19	-4.63	-9.00
-23.0	10.134	-341.23	-2.80	-0.41	-3.58	-9.48
-24.0	10.179	-355.56	-5.91	-1.66	-2.51	-9.86
-25.0	10.252	-369.69	-8.12	-3.37	-1.44	-10.15
-26.0	10.342	-383.58	-9.30	-5.33	-0.38	-10.34
-27.0	10.439	-397.20	-9.46	-7.33	0.66	-10.42
-28.0	10.532	-410.55	-8.67	-9.19	1.66	-10.40
-29.0	10.613	-423.66	-7.04	-10.80	2.61	-10.29
-30.0	10.674	-436.58	-4.67	-12.03	3.52	-10.08

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	0.0	0.0	10.00
-1.0	9.854	-14.87	13.71	2.95	-1.19	9.78
-2.0	9.717	-30.17	13.05	6.12	-2.41	9.41
-3.0	9.587	-45.91	12.44	9.53	-3.62	8.88
-4.0C	9.466	-62.11	10.81	12.96	-4.80	8.16
-5.0C	9.373	-78.71	7.03	15.80	-5.92	7.27
-6.0C	9.331	-95.59	0.77	17.25	-6.95	6.23
-7.0C	9.363	-112.50	-7.05	16.64	-7.86	5.08
-8.0C	9.474	-129.17	-14.58	13.92	-8.65	3.87
-9.0C	9.654	-145.34	-20.02	9.72	-9.29	2.64
-10.0C	9.873	-160.86	-22.38	5.00	-9.77	1.42
-11.0C	10.101	-175.69	-21.58	0.61	-10.10	0.23
-12.0C	10.306	-189.91	-18.19	-2.91	-10.27	-0.90
-13.0C	10.467	-203.65	-13.05	-5.35	-10.28	-1.96
-14.0C	10.570	-217.06	-6.97	-6.69	-10.14	-2.97
-15.0C	10.609	-230.31	-0.76	-7.00	-9.86	-3.91
-16.0C	10.587	-243.55	4.81	-6.39	-9.43	-4.80
-17.0C	10.516	-256.93	8.93	-5.08	-8.87	-5.64
-18.0D	10.412	-270.54	10.89	-3.34	-8.19	-6.43
-19.0D	10.301	-284.44	10.35	-1.58	-7.39	-7.17
-20.0D	10.208	-298.60	7.62	-0.21	-6.51	-7.86
-21.0D	10.150	-312.95	3.49	0.45	-5.55	-8.50
-22.0	10.138	-327.38	-1.09	0.21	-4.55	-9.06
-23.0	10.171	-341.75	-5.33	-0.90	-3.51	-9.55
-24.0	10.244	-355.94	-8.72	-2.72	-2.46	-9.94
-25.0	10.346	-369.86	-11.03	-4.99	-1.42	-10.25
-26.0	10.466	-383.46	-12.16	-7.47	-0.40	-10.46
-27.0	10.591	-396.72	-12.17	-9.92	0.58	-10.58
-28.0	10.711	-409.65	-11.14	-12.19	1.52	-10.60
-29.0	10.816	-422.29	-9.23	-14.14	2.41	-10.54
-30.0	10.897	-434.68	-6.58	-15.71	3.25	-10.40

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	5.00	0.0	10.00
-1.0	9.865	-15.15	11.32	7.81	-1.24	9.79
-2.0	9.769	-30.67	7.44	10.03	-2.50	9.44
-3.0	9.714	-46.44	3.41	11.49	-3.75	8.96
-4.0	9.699	-62.33	-0.67	12.07	-4.95	8.34
-5.0	9.727	-78.22	-4.58	11.72	-6.08	7.59
-6.0C	9.791	-93.97	-7.98	10.54	-7.10	6.74
-7.0C	9.887	-109.49	-10.54	8.71	-8.01	5.80
-8.0C	10.003	-124.69	-12.00	6.53	-8.78	4.79
-9.0C	10.128	-139.53	-12.28	4.28	-9.41	3.74
-10.0C	10.251	-154.04	-11.45	2.21	-9.90	2.66
-11.0C	10.359	-168.23	-9.68	0.48	-10.24	1.58
-12.0C	10.446	-182.17	-7.22	-0.78	-10.43	0.50
-13.0C	10.506	-195.93	-4.33	-1.54	-10.49	-0.57
-14.0C	10.535	-209.59	-1.34	-1.80	-10.41	-1.62
-15.0C	10.534	-223.22	1.42	-1.57	-10.20	-2.65
-16.0C	10.507	-236.90	3.61	-0.96	-9.85	-3.65
-17.0C	10.463	-250.68	4.91	-0.09	-9.39	-4.62
-18.0D	10.411	-264.60	5.07	0.86	-8.81	-5.55
-19.0D	10.363	-278.66	4.06	1.67	-8.13	-6.43
-20.0D	10.331	-292.82	2.05	2.13	-7.36	-7.26
-21.0D	10.324	-307.03	-0.61	2.10	-6.51	-8.01
-22.0D	10.344	-321.21	-3.47	1.51	-5.61	-8.69
-23.0D	10.394	-335.28	-6.11	0.39	-4.66	-9.29
-24.0D	10.467	-349.17	-8.19	-1.13	-3.70	-9.79
-25.0D	10.559	-362.83	-9.52	-2.91	-2.72	-10.20
-26.0D	10.659	-376.22	-10.00	-4.78	-1.75	-10.51
-27.0D	10.760	-389.35	-9.64	-6.58	-0.79	-10.73
-28.0D	10.854	-402.24	-8.51	-8.20	0.14	-10.85
-29.0D	10.932	-414.90	-6.76	-9.56	1.05	-10.88
-30.0D	10.990	-427.39	-4.53	-10.61	1.92	-10.82

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	5.00	0.0	10.00
-1.0	9.866	-15.15	11.25	7.78	-1.24	9.79
-2.0	9.770	-30.67	7.59	10.03	-2.50	9.44
-3.0	9.710	-46.44	3.99	11.63	-3.75	8.96
-4.0	9.688	-62.36	0.37	12.47	-4.95	8.33
-5.0	9.703	-78.32	-3.20	12.48	-6.07	7.57
-6.0C	9.753	-94.19	-6.50	11.69	-7.10	6.69
-7.0C	9.834	-109.87	-9.20	10.21	-8.00	5.71
-8.0C	9.938	-125.27	-11.02	8.29	-8.77	4.67
-9.0C	10.055	-140.35	-11.77	6.18	-9.40	3.58
-10.0C	10.175	-155.10	-11.45	4.13	-9.87	2.46
-11.0C	10.286	-169.53	-10.18	2.34	-10.20	1.34
-12.0C	10.381	-183.69	-8.17	0.93	-10.38	0.22
-13.0C	10.452	-197.64	-5.68	-0.02	-10.41	-0.88
-14.0C	10.496	-211.45	-3.03	-0.51	-10.31	-1.95
-15.0C	10.514	-225.20	-0.55	-0.58	-10.08	-2.99
-16.0C	10.509	-238.94	1.44	-0.30	-9.72	-4.00
-17.0C	10.487	-252.73	2.63	0.19	-9.24	-4.96
-18.0C	10.459	-266.59	2.83	0.74	-8.65	-5.88
-19.0D	10.433	-280.53	2.00	1.14	-7.97	-6.74
-20.0D	10.421	-294.51	0.31	1.24	-7.20	-7.53
-21.0D	10.429	-308.49	-1.92	0.92	-6.37	-8.26
-22.0D	10.460	-322.41	-4.29	0.14	-5.48	-8.91
-23.0D	10.516	-336.20	-6.45	-1.06	-4.57	-9.47
-24.0D	10.591	-349.81	-8.10	-2.58	-3.63	-9.95
-25.0D	10.679	-363.18	-9.07	-4.27	-2.69	-10.34
-26.0D	10.774	-376.32	-9.28	-6.00	-1.75	-10.63
-27.0D	10.867	-389.21	-8.76	-7.65	-0.83	-10.83
-28.0D	10.951	-401.88	-7.58	-9.13	0.07	-10.95
-29.0D	11.020	-414.35	-5.86	-10.36	0.95	-10.98
-30.0D	11.069	-426.68	-3.76	-11.31	1.80	-10.92

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	5.00	0.0	10.00
-1.0	9.866	-15.15	11.18	7.76	-1.24	9.79
-2.0	9.770	-30.66	7.75	10.04	-2.50	9.44
-3.0	9.707	-46.44	4.57	11.77	-3.75	8.95
-4.0	9.676	-62.39	1.41	12.87	-4.95	8.32
-5.0C	9.679	-78.42	-1.82	13.25	-6.07	7.54
-6.0C	9.714	-94.40	-5.04	12.85	-7.10	6.63
-7.0C	9.781	-110.25	-7.96	11.73	-8.00	5.63
-8.0C	9.874	-125.86	-10.23	10.03	-8.76	4.55
-9.0C	9.987	-141.17	-11.58	8.00	-9.38	3.42
-10.0C	10.107	-156.14	-11.87	5.89	-9.85	2.27
-11.0C	10.226	-170.78	-11.14	3.94	-10.17	1.11
-12.0C	10.332	-185.12	-9.55	2.30	-10.33	-0.03
-13.0C	10.419	-199.21	-7.37	1.07	-10.36	-1.16
-14.0C	10.482	-213.11	-4.88	0.28	-10.24	-2.24
-15.0C	10.519	-226.90	-2.44	-0.09	-9.99	-3.29
-16.0C	10.533	-240.64	-0.37	-0.10	-9.62	-4.30
-17.0C	10.529	-254.37	1.02	0.12	-9.13	-5.25
-18.0C	10.515	-268.14	1.51	0.42	-8.53	-6.14
-19.0D	10.502	-281.95	1.03	0.63	-7.85	-6.98
-20.0D	10.497	-295.78	-0.30	0.59	-7.08	-7.75
-21.0D	10.510	-309.59	-2.20	0.19	-6.26	-8.44
-22.0D	10.543	-323.33	-4.32	-0.61	-5.38	-9.07
-23.0D	10.598	-336.94	-6.30	-1.79	-4.48	-9.60
-24.0D	10.670	-350.37	-7.85	-3.25	-3.56	-10.06
-25.0D	10.756	-363.59	-8.79	-4.89	-2.63	-10.43
-26.0D	10.848	-376.57	-9.03	-6.57	-1.72	-10.71
-27.0D	10.938	-389.31	-8.57	-8.18	-0.81	-10.91
-28.0D	11.021	-401.84	-7.48	-9.63	0.07	-11.02
-29.0D	11.090	-414.18	-5.89	-10.86	0.92	-11.05
-30.0D	11.140	-426.38	-3.93	-11.85	1.75	-11.00

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	5.00	0.0	10.00
-1.0	9.867	-15.15	11.10	7.74	-1.24	9.79
-2.0	9.770	-30.66	7.90	10.04	-2.50	9.44
-3.0	9.704	-46.44	5.15	11.90	-3.75	8.95
-4.0	9.665	-62.42	2.46	13.27	-4.95	8.30
-5.0C	9.654	-78.51	-0.44	14.02	-6.07	7.51
-6.0C	9.675	-94.62	-3.61	14.03	-7.09	6.58
-7.0C	9.728	-110.63	-6.83	13.24	-7.99	5.54
-8.0C	9.813	-126.45	-9.68	11.73	-8.76	4.43
-9.0C	9.924	-141.97	-11.75	9.70	-9.37	3.27
-10.0C	10.050	-157.15	-12.72	7.44	-9.83	2.08
-11.0C	10.180	-171.96	-12.53	5.22	-10.14	0.90
-12.0C	10.303	-186.43	-11.28	3.27	-10.30	-0.27
-13.0C	10.408	-200.60	-9.21	1.72	-10.31	-1.41
-14.0C	10.489	-214.54	-6.66	0.64	-10.19	-2.50
-15.0C	10.544	-228.31	-3.98	0.02	-9.93	-3.55
-16.0C	10.572	-242.00	-1.56	-0.19	-9.55	-4.54
-17.0C	10.578	-255.65	0.25	-0.10	-9.05	-5.48
-18.0C	10.570	-269.32	1.15	0.13	-8.45	-6.35
-19.0D	10.558	-283.02	1.02	0.33	-7.76	-7.16
-20.0D	10.552	-296.74	-0.08	0.32	-6.99	-7.91
-21.0D	10.562	-310.44	-1.90	-0.03	-6.16	-8.58
-22.0D	10.592	-324.09	-4.07	-0.79	-5.29	-9.18
-23.0D	10.645	-337.61	-6.21	-1.94	-4.39	-9.70
-24.0D	10.718	-350.96	-7.96	-3.42	-3.47	-10.14
-25.0D	10.806	-364.09	-9.11	-5.10	-2.55	-10.50
-26.0D	10.902	-376.97	-9.53	-6.85	-1.65	-10.78
-27.0D	10.998	-389.61	-9.21	-8.54	-0.76	-10.97
-28.0D	11.088	-402.03	-8.20	-10.09	0.10	-11.09
-29.0D	11.164	-414.23	-6.64	-11.42	0.94	-11.12
-30.0D	11.222	-426.27	-4.67	-12.50	1.75	-11.08

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	10.00	0.0	10.00
-1.0	9.879	-15.44	8.68	12.58	-1.29	9.79
-2.0	9.823	-31.16	2.32	13.91	-2.60	9.47
-3.0	9.830	-46.96	-3.68	13.91	-3.88	9.03
-4.0	9.895	-62.65	-8.92	12.67	-5.10	8.48
-5.0	10.008	-78.08	-12.98	10.46	-6.23	7.83
-6.0	10.156	-93.12	-15.62	7.68	-7.26	7.10
-7.0	10.323	-107.71	-16.78	4.70	-8.17	6.31
-8.0	10.494	-121.83	-16.57	1.83	-8.95	5.48
-9.0	10.658	-135.52	-15.20	-0.72	-9.61	4.62
-10.0	10.802	-148.83	-12.90	-2.82	-10.13	3.74
-11.0	10.919	-161.83	-9.85	-4.40	-10.54	2.86
-12.0	11.002	-174.60	-6.25	-5.43	-10.82	1.97
-13.0	11.046	-187.22	-2.24	-5.88	-10.99	1.08
-14.0	11.047	-199.81	2.04	-5.72	-11.05	0.18
-15.0	11.004	-212.45	6.39	-4.90	-10.98	-0.73
-16.0	10.917	-225.26	10.52	-3.42	-10.79	-1.65
-17.0C	10.791	-238.33	13.96	-1.28	-10.48	-2.58
-18.0C	10.636	-251.77	16.01	1.41	-10.03	-3.53
-19.0C	10.470	-265.63	15.95	4.37	-9.46	-4.48
-20.0D	10.319	-279.93	13.31	7.16	-8.78	-5.43
-21.0D	10.207	-294.61	8.23	9.21	-7.99	-6.35
-22.0D	10.156	-309.51	1.52	10.03	-7.12	-7.24
-23.0D	10.177	-324.44	-5.67	9.37	-6.19	-8.07
-24.0D	10.270	-339.20	-12.26	7.32	-5.24	-8.83
-25.0D	10.423	-353.59	-17.46	4.23	-4.27	-9.51
-26.0D	10.620	-367.48	-20.80	0.62	-3.32	-10.09
-27.0D	10.842	-380.83	-22.14	-3.06	-2.39	-10.57
-28.0D	11.067	-393.62	-21.53	-6.44	-1.52	-10.96
-29.0D	11.276	-405.91	-19.22	-9.30	-0.69	-11.26
-30.0D	11.455	-417.77	-15.56	-11.55	0.09	-11.45

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	10.00	0.0	10.00
-1.0	9.879	-15.44	8.61	12.55	-1.29	9.79
-2.0	9.823	-31.15	2.45	13.91	-2.60	9.47
-3.0	9.828	-46.96	-3.20	14.02	-3.88	9.03
-4.0	9.886	-62.68	-8.04	12.98	-5.10	8.47
-5.0	9.988	-78.15	-11.79	11.06	-6.23	7.81
-6.0	10.122	-93.28	-14.22	8.58	-7.26	7.05
-7.0	10.274	-108.01	-15.28	5.90	-8.17	6.24
-8.0	10.431	-122.31	-15.07	3.31	-8.94	5.37
-9.0	10.579	-136.20	-13.76	1.01	-9.59	4.47
-10.0	10.709	-149.75	-11.54	-0.86	-10.10	3.55
-11.0	10.813	-163.02	-8.62	-2.23	-10.49	2.61
-12.0	10.883	-176.09	-5.15	-3.05	-10.75	1.67
-13.0	10.917	-189.05	-1.30	-3.28	-10.89	0.72
-14.0	10.909	-201.99	2.74	-2.89	-10.91	-0.24
-15.0	10.861	-215.01	6.69	-1.86	-10.79	-1.20
-16.0C	10.774	-228.21	10.13	-0.22	-10.55	-2.17
-17.0C	10.657	-241.69	12.44	1.94	-10.18	-3.15
-18.0C	10.526	-255.50	12.94	4.37	-9.68	-4.13
-19.0C	10.401	-269.66	11.09	6.69	-9.06	-5.10
-20.0D	10.307	-284.14	6.91	8.39	-8.35	-6.05
-21.0D	10.265	-298.80	1.04	9.03	-7.55	-6.96
-22.0D	10.288	-313.48	-5.49	8.37	-6.69	-7.82
-23.0D	10.376	-327.99	-11.61	6.46	-5.79	-8.61
-24.0D	10.521	-342.16	-16.49	3.62	-4.89	-9.32
-25.0D	10.707	-355.88	-19.61	0.30	-3.99	-9.94
-26.0D	10.916	-369.08	-20.77	-3.08	-3.12	-10.46
-27.0D	11.126	-381.77	-20.03	-6.17	-2.28	-10.89
-28.0D	11.320	-394.00	-17.62	-8.75	-1.48	-11.22
-29.0D	11.482	-405.85	-13.91	-10.75	-0.71	-11.46
-30.0D	11.601	-417.41	-9.33	-12.12	0.02	-11.60

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	10.00	0.0	10.00
-1.0	9.880	-15.43	8.53	12.53	-1.29	9.79
-2.0	9.824	-31.15	2.57	13.91	-2.60	9.47
-3.0	9.825	-46.96	-2.71	14.13	-3.87	9.03
-4.0	9.876	-62.70	-7.16	13.30	-5.10	8.46
-5.0	9.968	-78.23	-10.57	11.66	-6.23	7.78
-6.0	10.088	-93.45	-12.77	9.50	-7.26	7.01
-7.0	10.225	-108.31	-13.72	7.15	-8.16	6.16
-8.0	10.365	-122.79	-13.49	4.87	-8.93	5.26
-9.0	10.497	-136.91	-12.21	2.86	-9.57	4.32
-10.0	10.612	-150.72	-10.08	1.26	-10.07	3.35
-11.0	10.701	-164.28	-7.28	0.14	-10.44	2.36
-12.0	10.759	-177.68	-3.99	-0.42	-10.67	1.36
-13.0	10.782	-190.99	-0.42	-0.41	-10.78	0.35
-14.0	10.768	-204.31	3.17	0.19	-10.75	-0.67
-15.0C	10.718	-217.74	6.37	1.36	-10.58	-1.69
-16.0C	10.641	-231.34	8.65	2.98	-10.29	-2.71
-17.0C	10.547	-245.19	9.41	4.85	-9.86	-3.73
-18.0C	10.455	-259.30	8.16	6.64	-9.32	-4.73
-19.0D	10.387	-273.65	4.84	7.91	-8.68	-5.71
-20.0D	10.361	-288.12	-0.08	8.29	-7.95	-6.65
-21.0D	10.391	-302.58	-5.70	7.56	-7.16	-7.53
-22.0D	10.477	-316.87	-11.04	5.79	-6.33	-8.35
-23.0D	10.613	-330.84	-15.31	3.22	-5.48	-9.09
-24.0D	10.785	-344.40	-17.98	0.25	-4.63	-9.74
-25.0D	10.975	-357.50	-18.84	-2.74	-3.80	-10.30
-26.0D	11.164	-370.15	-17.92	-5.46	-2.99	-10.76
-27.0D	11.336	-382.39	-15.49	-7.72	-2.20	-11.12
-28.0C	11.477	-394.28	-11.90	-9.42	-1.44	-11.39
-29.0C	11.577	-405.94	-7.58	-10.56	-0.70	-11.56
-30.0C	11.631	-417.43	-2.97	-11.16	0.02	-11.63

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	10.00	0.0	10.00
-1.0	9.881	-15.43	8.46	12.51	-1.29	9.80
-2.0	9.824	-31.14	2.70	13.91	-2.60	9.48
-3.0	9.823	-46.96	-2.23	14.24	-3.87	9.03
-4.0	9.867	-62.72	-6.28	13.62	-5.09	8.45
-5.0	9.948	-78.31	-9.33	12.27	-6.23	7.76
-6.0	10.054	-93.63	-11.29	10.46	-7.25	6.96
-7.0	10.175	-108.62	-12.11	8.46	-8.15	6.09
-8.0	10.298	-123.29	-11.86	6.51	-8.92	5.15
-9.0	10.414	-137.64	-10.65	4.82	-9.55	4.16
-10.0	10.513	-151.72	-8.66	3.50	-10.03	3.14
-11.0	10.589	-165.59	-6.07	2.65	-10.38	2.10
-12.0	10.636	-179.32	-3.10	2.31	-10.59	1.04
-13.0C	10.652	-193.00	-0.04	2.50	-10.65	-0.03
-14.0C	10.638	-206.70	2.78	3.19	-10.58	-1.10
-15.0C	10.598	-220.50	4.88	4.28	-10.37	-2.17
-16.0C	10.542	-234.44	5.75	5.59	-10.03	-3.24
-17.0C	10.486	-248.56	5.00	6.83	-9.57	-4.28
-18.0C	10.446	-262.82	2.52	7.66	-9.01	-5.29
-19.0D	10.439	-277.15	-1.34	7.78	-8.35	-6.26
-20.0D	10.475	-291.44	-5.88	7.03	-7.63	-7.17
-21.0D	10.559	-305.55	-10.28	5.43	-6.87	-8.02
-22.0D	10.683	-319.39	-13.80	3.19	-6.07	-8.79
-23.0D	10.836	-332.86	-15.97	0.62	-5.27	-9.47
-24.0D	11.004	-345.92	-16.55	-1.96	-4.46	-10.06
-25.0D	11.170	-358.59	-15.60	-4.30	-3.67	-10.55
-26.0C	11.319	-370.91	-13.34	-6.24	-2.88	-10.94
-27.0C	11.439	-382.93	-10.11	-7.70	-2.11	-11.24
-28.0C	11.523	-394.74	-6.32	-8.66	-1.36	-11.44
-29.0C	11.568	-406.42	-2.38	-9.16	-0.60	-11.55
-30.0D	11.573	-418.05	1.31	-9.23	0.15	-11.57

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	15.00	0.0	10.00
-1.0	9.892	-15.72	5.99	17.33	-1.34	9.80
-2.0	9.877	-31.64	-2.85	17.75	-2.69	9.50
-3.0	9.948	-47.47	-10.82	16.30	-4.00	9.11
-4.0	10.093	-62.96	-17.32	13.34	-5.25	8.62
-5.0	10.296	-77.94	-21.99	9.44	-6.39	8.07
-6.0	10.537	-92.29	-24.81	5.14	-7.43	7.47
-7.0	10.798	-105.97	-25.99	0.88	-8.34	6.85
-8.0	11.064	-118.99	-25.84	-3.08	-9.14	6.23
-9.0	11.323	-131.41	-24.66	-6.61	-9.83	5.62
-10.0	11.565	-143.28	-22.63	-9.67	-10.41	5.04
-11.0	11.783	-154.67	-19.90	-12.27	-10.90	4.48
-12.0	11.970	-165.67	-16.56	-14.41	-11.30	3.95
-13.0	12.120	-176.35	-12.70	-16.10	-11.62	3.44
-14.0	12.228	-186.80	-8.42	-17.36	-11.87	2.95
-15.0	12.291	-197.09	-3.83	-18.17	-12.04	2.47
-16.0	12.306	-207.30	0.96	-18.53	-12.15	1.98
-17.0	12.271	-217.52	5.83	-18.43	-12.18	1.49
-18.0	12.187	-227.83	10.75	-17.84	-12.15	0.97
-19.0	12.051	-238.31	15.70	-16.73	-12.04	0.42
-20.0	11.865	-249.08	20.78	-15.00	-11.86	-0.18
-21.0	11.626	-260.23	26.07	-12.49	-11.60	-0.83
-22.0	11.331	-271.91	31.49	-8.96	-11.22	-1.55
-23.0	10.983	-284.28	36.39	-4.14	-10.73	-2.35
-24.00	10.594	-297.53	39.09	2.10	-10.09	-3.22
-25.00	10.200	-311.82	37.11	9.36	-9.31	-4.16
-26.00	9.857	-327.19	29.00	16.46	-8.40	-5.15
-27.0	9.624	-343.49	15.88	21.69	-7.38	-6.17
-28.0	9.539	-360.31	0.54	23.55	-6.28	-7.18
-29.0	9.611	-377.15	-14.31	21.53	-5.13	-8.13
-30.0	9.824	-393.47	-26.73	16.27	-3.97	-8.99

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	15.00	0.0	10.00
-1.0	9.893	-15.72	5.92	17.30	-1.34	9.80
-2.0	9.878	-31.63	-2.75	17.74	-2.69	9.50
-3.0	9.946	-47.47	-10.44	16.38	-4.00	9.10
-4.0	10.086	-62.98	-16.66	13.57	-5.25	8.61
-5.0	10.281	-77.99	-21.15	9.84	-6.39	8.05
-6.0	10.513	-92.40	-23.91	5.70	-7.43	7.44
-7.0	10.765	-106.16	-25.17	1.56	-8.34	6.81
-8.0	11.023	-119.28	-25.24	-2.34	-9.14	6.16
-9.0	11.278	-131.80	-24.39	-5.87	-9.83	5.53
-10.0	11.520	-143.78	-22.80	-9.00	-10.41	4.93
-11.0	11.742	-155.26	-20.59	-11.71	-10.91	4.35
-12.0	11.939	-166.33	-17.80	-14.02	-11.32	3.81
-13.0	12.105	-177.06	-14.49	-15.93	-11.65	3.29
-14.0	12.234	-187.52	-10.73	-17.44	-11.91	2.80
-15.0	12.323	-197.77	-6.58	-18.55	-12.10	2.33
-16.0	12.368	-207.90	-2.16	-19.24	-12.23	1.86
-17.0	12.366	-217.98	2.43	-19.51	-12.29	1.40
-18.0	12.318	-228.09	7.11	-19.33	-12.28	0.92
-19.0	12.221	-238.31	11.87	-18.69	-12.21	0.42
-20.0	12.074	-248.72	16.78	-17.52	-12.07	-0.11
-21.0	11.876	-259.43	21.98	-15.71	-11.86	-0.68
-22.0	11.623	-270.54	27.67	-13.06	-11.55	-1.32
-23.0	11.309	-282.22	33.75	-9.25	-11.13	-2.02
-24.00	10.934	-294.64	39.34	-3.94	-10.57	-2.79
-25.00	10.514	-308.02	42.12	2.97	-9.86	-3.64
-26.00	10.093	-322.55	38.93	10.92	-9.00	-4.56
-27.00	9.742	-338.23	28.68	18.39	-8.01	-5.54
-28.0	9.523	-354.85	13.63	23.42	-6.92	-6.54
-29.0	9.468	-371.94	-2.80	24.58	-5.76	-7.51
-30.0	9.576	-388.91	-17.98	21.60	-4.56	-8.42

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	15.00	0.0	10.00
-1.0	9.894	-15.72	5.84	17.28	-1.34	9.80
-2.0	9.878	-31.63	-2.65	17.74	-2.69	9.50
-3.0	9.944	-47.46	-10.06	16.46	-4.00	9.10
-4.0	10.079	-62.99	-16.00	13.80	-5.24	8.61
-5.0	10.266	-78.04	-20.28	10.25	-6.39	8.03
-6.0	10.488	-92.52	-22.94	6.29	-7.42	7.41
-7.0	10.730	-106.36	-24.23	2.29	-8.34	6.75
-8.0	10.980	-119.59	-24.45	-1.52	-9.14	6.09
-9.0	11.228	-132.23	-23.87	-5.02	-9.82	5.44
-10.0	11.466	-144.32	-22.65	-8.17	-10.41	4.81
-11.0	11.689	-155.92	-20.90	-10.96	-10.91	4.21
-12.0	11.892	-167.10	-18.65	-13.40	-11.32	3.64
-13.0	12.069	-177.90	-15.92	-15.49	-11.66	3.11
-14.0	12.216	-188.41	-12.72	-17.22	-11.93	2.61
-15.0	12.328	-198.68	-9.10	-18.60	-12.14	2.14
-16.0	12.401	-208.78	-5.13	-19.60	-12.29	1.68
-17.0	12.432	-218.77	-0.91	-20.22	-12.37	1.24
-18.0	12.419	-228.74	3.47	-20.43	-12.39	0.79
-19.0	12.361	-238.75	7.97	-20.23	-12.36	0.33
-20.0	12.256	-248.88	12.61	-19.56	-12.25	-0.14
-21.0	12.102	-259.21	17.51	-18.38	-12.08	-0.65
-22.0	11.896	-269.84	22.91	-16.52	-11.83	-1.20
-23.0	11.631	-280.90	29.05	-13.75	-11.49	-1.81
-24.0	11.299	-292.54	35.88	-9.69	-11.02	-2.48
-25.00	10.898	-304.99	42.22	-3.94	-10.41	-3.23
-26.00	10.447	-318.47	45.01	3.61	-9.63	-4.05
-27.00	10.003	-333.19	40.52	12.18	-8.70	-4.94
-28.0	9.646	-349.14	28.32	19.94	-7.64	-5.89
-29.0	9.438	-366.04	11.87	24.81	-6.48	-6.86
-30.0	9.404	-383.34	-5.12	25.46	-5.25	-7.80

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	15.00	0.0	10.00
-1.0	9.894	-15.72	5.77	17.25	-1.34	9.80
-2.0	9.879	-31.62	-2.56	17.73	-2.69	9.51
-3.0	9.943	-47.46	-9.68	16.54	-4.00	9.10
-4.0	10.072	-63.01	-15.32	14.03	-5.24	8.60
-5.0	10.251	-78.10	-19.38	10.67	-6.39	8.02
-6.0	10.463	-92.63	-21.92	6.90	-7.42	7.38
-7.0	10.695	-106.57	-23.18	3.06	-8.33	6.70
-8.0	10.934	-119.91	-23.48	-0.62	-9.13	6.02
-9.0	11.172	-132.67	-23.07	-4.04	-9.82	5.33
-10.0	11.404	-144.91	-22.13	-7.16	-10.40	4.67
-11.0	11.624	-156.65	-20.76	-9.98	-10.90	4.04
-12.0	11.827	-167.97	-18.99	-12.49	-11.31	3.45
-13.0	12.011	-178.90	-16.81	-14.71	-11.66	2.89
-14.0	12.170	-189.50	-14.20	-16.62	-11.94	2.37
-15.0	12.300	-199.84	-11.17	-18.22	-12.15	1.89
-16.0	12.397	-209.97	-7.76	-19.50	-12.31	1.42
-17.0	12.457	-219.96	-4.03	-20.44	-12.42	0.98
-18.0	12.478	-229.85	-0.05	-21.01	-12.47	0.55
-19.0	12.458	-239.74	4.10	-21.21	-12.46	0.12
-20.0	12.394	-249.67	8.42	-21.01	-12.39	-0.31
-21.0	12.285	-259.72	12.96	-20.36	-12.26	-0.77
-22.0	12.128	-269.98	17.90	-19.17	-12.06	-1.26
-23.0	11.916	-280.54	23.56	-17.29	-11.78	-1.78
-24.0	11.642	-291.54	30.26	-14.42	-11.40	-2.36
-25.0	11.294	-303.15	37.89	-10.13	-10.89	-3.00
-26.00	10.869	-315.61	44.96	-3.96	-10.22	-3.71
-27.00	10.390	-329.18	47.57	4.17	-9.37	-4.49
-28.00	9.925	-344.07	41.62	13.23	-8.36	-5.34
-29.0	9.566	-360.24	27.74	21.18	-7.24	-6.26
-30.0	9.370	-377.36	10.46	25.89	-6.02	-7.18

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	20.00	0.0	10.00
-1.0	9.906	-16.00	3.26	22.06	-1.39	9.81
-2.0	9.932	-32.11	-8.07	21.54	-2.79	9.53
-3.0	10.067	-47.97	-18.00	18.67	-4.13	9.18
-4.0	10.293	-63.26	-25.84	14.11	-5.40	8.76
-5.0	10.587	-77.81	-31.38	8.69	-6.56	8.31
-6.0	10.927	-91.50	-34.81	3.10	-7.60	7.86
-7.0	11.293	-104.33	-36.46	-2.20	-8.52	7.42
-8.0	11.668	-116.33	-36.50	-6.98	-9.32	7.01
-9.0B	12.035	-127.57	-35.00	-11.16	-10.02	6.66
-10.0B	12.378	-138.16	-31.92	-14.72	-10.62	6.36
-11.0B	12.682	-148.20	-27.32	-17.71	-11.11	6.11
-12.0B	12.932	-157.80	-21.40	-20.12	-11.51	5.90
-13.0B	13.116	-167.08	-14.44	-21.89	-11.81	5.70
-14.0A	13.226	-176.16	-6.83	-22.95	-12.03	5.50
-15.0A	13.255	-185.13	1.06	-23.22	-12.15	5.29
-16.0B	13.204	-194.13	8.81	-22.70	-12.20	5.04
-17.0B	13.077	-203.25	16.03	-21.49	-12.19	4.74
-18.0B	12.880	-212.59	22.37	-19.71	-12.12	4.36
-19.0B	12.623	-222.27	27.56	-17.48	-12.00	3.91
-20.0B	12.320	-232.38	31.57	-14.84	-11.85	3.36
-21.0	11.981	-243.03	34.66	-11.72	-11.67	2.71
-22.0	11.613	-254.31	37.29	-7.89	-11.45	1.96
-23.0	11.218	-266.36	39.77	-3.01	-11.17	1.09
-24.0	10.802	-279.31	41.50	3.21	-10.80	0.10
-25.0C	10.379	-293.34	40.42	10.73	-10.33	-1.01
-26.0D	9.994	-308.52	33.73	18.64	-9.74	-2.22
-27.0D	9.712	-324.77	20.48	25.04	-9.06	-3.51
-28.0D	9.590	-341.70	2.96	27.82	-8.29	-4.82
-29.0	9.653	-358.71	-15.11	25.94	-7.47	-6.12
-30.0D	9.890	-375.19	-30.54	20.02	-6.63	-7.33

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	20.00	0.0	10.00
-1.0	9.907	-16.00	3.19	22.03	-1.39	9.81
-2.0	9.933	-32.11	-8.00	21.53	-2.79	9.53
-3.0	10.066	-47.96	-17.72	18.72	-4.13	9.18
-4.0	10.288	-63.27	-25.42	14.25	-5.40	8.76
-5.0	10.578	-77.84	-30.98	8.90	-6.55	8.30
-6.0	10.915	-91.56	-34.63	3.32	-7.60	7.84
-7.0	11.281	-104.41	-36.68	-2.04	-8.52	7.40
-8.0	11.660	-116.43	-37.25	-6.94	-9.33	6.99
-9.0B	12.038	-127.68	-36.25	-11.29	-10.04	6.65
-10.0B	12.396	-138.25	-33.55	-15.04	-10.64	6.36
-11.0B	12.718	-148.24	-29.08	-18.21	-11.15	6.12
-12.0B	12.986	-157.76	-23.02	-20.79	-11.55	5.93
-13.0A	13.184	-166.95	-15.71	-22.70	-11.86	5.76
-14.0A	13.304	-175.92	-7.59	-23.85	-12.07	5.59
-15.0A	13.339	-184.78	0.85	-24.14	-12.20	5.40
-16.0A	13.287	-193.66	9.16	-23.57	-12.24	5.17
-17.0B	13.154	-202.67	16.84	-22.24	-12.21	4.89
-18.0B	12.946	-211.91	23.45	-20.33	-12.13	4.53
-19.0B	12.679	-221.50	28.67	-18.00	-12.00	4.09
-20.0B	12.365	-231.53	32.45	-15.33	-11.84	3.55
-21.0	12.019	-242.10	35.15	-12.23	-11.66	2.91
-22.0	11.647	-253.30	37.47	-8.46	-11.44	2.17
-23.0	11.251	-265.27	39.98	-3.66	-11.18	1.31
-24.0	10.830	-278.14	42.26	2.57	-10.83	0.32
-25.0C	10.395	-292.10	42.06	10.29	-10.37	-0.79
-26.0D	9.990	-307.25	35.88	18.63	-9.79	-2.01
-27.0D	9.687	-323.54	22.21	25.51	-9.11	-3.31
-28.0D	9.553	-340.57	3.61	28.58	-8.35	-4.64
-29.0	9.616	-357.71	-15.64	26.61	-7.55	-5.96
-30.0D	9.863	-374.28	-32.07	20.29	-6.73	-7.21

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	20.00	0.0	10.00
-1.0	9.908	-16.00	3.11	22.01	-1.39	9.81
-2.0	9.933	-32.10	-7.93	21.52	-2.78	9.54
-3.0	10.065	-47.96	-17.44	18.77	-4.13	9.18
-4.0	10.284	-63.28	-25.00	14.39	-5.39	8.76
-5.0	10.569	-77.86	-30.56	9.11	-6.55	8.29
-6.0	10.903	-91.62	-34.41	3.56	-7.59	7.82
-7.0	11.268	-104.50	-36.84	-1.85	-8.52	7.37
-8.0	11.652	-116.55	-37.93	-6.88	-9.34	6.97
-9.0B	12.039	-127.80	-37.46	-11.39	-10.05	6.63
-10.0B	12.412	-138.35	-35.14	-15.33	-10.67	6.35
-11.0B	12.751	-148.29	-30.79	-18.68	-11.18	6.13
-12.0B	13.035	-157.75	-24.56	-21.41	-11.60	5.95
-13.0A	13.248	-166.85	-16.84	-23.45	-11.91	5.80
-14.0A	13.376	-175.72	-8.18	-24.67	-12.12	5.66
-15.0A	13.414	-184.49	0.88	-24.95	-12.24	5.49
-16.0A	13.359	-193.27	9.77	-24.29	-12.27	5.28
-17.0A	13.217	-202.18	17.93	-22.82	-12.23	5.01
-18.0B	12.997	-211.35	24.82	-20.75	-12.13	4.67
-19.0B	12.715	-220.87	30.03	-18.29	-11.99	4.23
-20.0B	12.389	-230.86	33.51	-15.54	-11.82	3.70
-21.0	12.034	-241.39	35.75	-12.43	-11.64	3.06
-22.0	11.658	-252.57	37.68	-8.69	-11.43	2.32
-23.0	11.261	-264.51	40.13	-3.91	-11.17	1.46
-24.0	10.837	-277.35	42.81	2.38	-10.83	0.47
-25.0C	10.393	-291.30	43.25	10.30	-10.37	-0.64
-26.0D	9.974	-306.48	37.25	18.98	-9.80	-1.87
-27.0D	9.660	-322.84	22.90	26.15	-9.12	-3.19
-28.0D	9.524	-339.97	3.19	29.22	-8.37	-4.54
-29.0	9.597	-357.19	-17.08	26.91	-7.58	-5.88
-30.0D	9.863	-373.78	-34.21	20.05	-6.79	-7.15

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	20.00	0.0	10.00
-1.0	9.908	-16.00	3.03	21.99	-1.39	9.81
-2.0	9.934	-32.10	-7.87	21.50	-2.78	9.54
-3.0	10.064	-47.96	-17.17	18.81	-4.13	9.18
-4.0	10.279	-63.28	-24.58	14.52	-5.39	8.75
-5.0	10.560	-77.89	-30.13	9.33	-6.55	8.28
-6.0	10.890	-91.68	-34.15	3.81	-7.59	7.81
-7.0	11.255	-104.60	-36.95	-1.65	-8.52	7.35
-8.0	11.642	-116.67	-38.55	-6.80	-9.34	6.94
-9.0B	12.038	-127.93	-38.62	-11.47	-10.07	6.60
-10.0B	12.425	-138.46	-36.68	-15.58	-10.69	6.33
-11.0B	12.781	-148.36	-32.45	-19.10	-11.22	6.13
-12.0B	13.081	-157.76	-26.02	-21.99	-11.64	5.97
-13.0A	13.307	-166.78	-17.87	-24.15	-11.95	5.84
-14.0A	13.443	-175.57	-8.62	-25.42	-12.17	5.72
-15.0A	13.482	-184.24	1.07	-25.67	-12.28	5.57
-16.0A	13.422	-192.94	10.56	-24.90	-12.30	5.38
-17.0A	13.268	-201.78	19.21	-23.25	-12.24	5.12
-18.0B	13.034	-210.89	26.36	-21.00	-12.13	4.78
-19.0B	12.736	-220.37	31.52	-18.40	-11.97	4.34
-20.0B	12.396	-230.34	34.64	-15.56	-11.80	3.80
-21.0	12.033	-240.87	36.36	-12.42	-11.61	3.17
-22.0	11.653	-252.05	37.87	-8.68	-11.40	2.42
-23.0	11.255	-264.00	40.24	-3.88	-11.15	1.56
-24.0	10.828	-276.86	43.26	2.50	-10.81	0.57
-25.0C	10.377	-290.84	44.16	10.65	-10.36	-0.56
-26.0D	9.949	-306.09	38.05	19.61	-9.78	-1.80
-27.0D	9.631	-322.55	22.78	26.91	-9.11	-3.13
-28.0D	9.502	-339.77	1.91	29.74	-8.37	-4.50
-29.0	9.592	-357.04	-19.22	26.90	-7.60	-5.86
-30.0D	9.883	-373.60	-36.80	19.40	-6.83	-7.14

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	25.00	0.0	10.00
-1.0	9.921	-16.28	0.49	26.77	-1.44	9.82
-2.0	9.988	-32.58	-13.33	25.29	-2.88	9.56
-3.0	10.187	-48.45	-25.20	21.01	-4.26	9.25
-4.0	10.494	-63.56	-34.39	14.97	-5.55	8.91
-5.0	10.881	-77.68	-40.86	8.25	-6.72	8.56
-6.0	11.321	-90.77	-44.84	1.68	-7.76	8.24
-7.0B	11.790	-102.83	-46.44	-4.29	-8.69	7.97
-8.0B	12.262	-113.95	-45.56	-9.49	-9.48	7.77
-9.0B	12.713	-124.25	-42.16	-13.98	-10.16	7.64
-10.0A	13.117	-133.87	-36.46	-17.89	-10.71	7.57
-11.0A	13.453	-142.97	-28.96	-21.26	-11.15	7.53
-12.0A	13.705	-151.68	-20.20	-23.94	-11.46	7.51
-13.0A	13.863	-160.14	-10.69	-25.69	-11.67	7.49
-14.0A	13.922	-168.48	-0.83	-26.25	-11.77	7.43
-15.0A	13.880	-176.81	8.99	-25.52	-11.79	7.32
-16.0A	13.740	-185.26	18.40	-23.60	-11.74	7.14
-17.0A	13.507	-193.96	26.95	-20.76	-11.64	6.86
-18.0A	13.193	-203.02	34.12	-17.34	-11.50	6.47
-19.0B	12.816	-212.57	39.34	-13.61	-11.34	5.96
-20.0B	12.396	-222.74	42.29	-9.66	-11.19	5.33
-21.0	11.958	-233.63	43.16	-5.37	-11.05	4.57
-22.0	11.518	-245.34	42.72	-0.47	-10.91	3.69
-23.0	11.087	-257.97	41.55	5.32	-10.76	2.68
-24.0	10.672	-271.61	39.17	12.08	-10.56	1.53
-25.0C	10.296	-286.32	33.65	19.34	-10.29	0.26
-26.0C	10.002	-302.03	22.98	25.75	-9.94	-1.11
-27.0D	9.843	-318.49	7.36	29.40	-9.51	-2.53
-28.0D	9.859	-335.19	-10.40	28.87	-9.03	-3.96
-29.0D	10.051	-351.53	-26.66	24.28	-8.51	-5.34
-30.0D	10.389	-367.01	-38.69	17.15	-7.99	-6.64

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	25.00	0.0	10.00
-1.0	9.921	-16.28	0.41	26.75	-1.44	9.82
-2.0	9.989	-32.58	-13.29	25.27	-2.88	9.56
-3.0	10.187	-48.45	-25.03	21.03	-4.26	9.25
-4.0	10.492	-63.55	-34.23	15.03	-5.55	8.91
-5.0	10.878	-77.69	-40.93	8.29	-6.72	8.56
-6.0	11.321	-90.78	-45.33	1.62	-7.77	8.24
-7.0B	11.798	-102.82	-47.42	-4.49	-8.69	7.98
-8.0B	12.282	-113.91	-46.88	-9.84	-9.49	7.79
-9.0B	12.747	-124.16	-43.48	-14.46	-10.18	7.68
-10.0A	13.162	-133.72	-37.45	-18.48	-10.73	7.62
-11.0A	13.506	-142.75	-29.39	-21.92	-11.16	7.60
-12.0A	13.759	-151.39	-19.99	-24.62	-11.47	7.60
-13.0A	13.912	-159.78	-9.83	-26.29	-11.66	7.59
-14.0A	13.959	-168.07	0.62	-26.66	-11.75	7.54
-15.0A	13.900	-176.37	10.97	-25.65	-11.75	7.42
-16.0A	13.736	-184.82	20.80	-23.39	-11.68	7.23
-17.0A	13.478	-193.54	29.60	-20.22	-11.56	6.93
-18.0A	13.137	-202.67	36.69	-16.53	-11.41	6.51
-19.0B	12.735	-212.34	41.40	-12.62	-11.25	5.97
-20.0B	12.299	-222.66	43.45	-8.53	-11.10	5.30
-21.0	11.854	-233.74	43.36	-4.12	-10.96	4.51
-22.0	11.416	-245.67	42.26	0.92	-10.83	3.60
-23.0	10.990	-258.53	40.87	6.91	-10.69	2.55
-24.0	10.583	-272.42	38.38	13.89	-10.49	1.37
-25.0C	10.218	-287.38	32.28	21.24	-10.22	0.07
-26.0C	9.943	-303.33	20.38	27.38	-9.85	-1.33
-27.0D	9.818	-319.95	3.43	30.24	-9.42	-2.77
-28.0D	9.878	-336.67	-15.03	28.59	-8.94	-4.20
-29.0D	10.117	-352.88	-31.08	22.97	-8.44	-5.58
-30.0D	10.496	-368.11	-42.10	15.26	-7.95	-6.86

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	25.00	0.0	10.00
-1.0	9.922	-16.28	0.33	26.72	-1.44	9.82
-2.0	9.990	-32.57	-13.26	25.25	-2.88	9.57
-3.0	10.186	-48.44	-24.87	21.05	-4.26	9.25
-4.0	10.490	-63.55	-34.07	15.08	-5.54	8.90
-5.0	10.876	-77.70	-40.99	8.33	-6.72	8.55
-6.0	11.321	-90.78	-45.82	1.57	-7.77	8.24
-7.0B	11.805	-102.82	-48.40	-4.68	-8.70	7.98
-8.0B	12.302	-113.88	-48.18	-10.18	-9.51	7.81
-9.0B	12.780	-124.08	-44.75	-14.93	-10.19	7.71
-10.0A	13.207	-133.57	-38.34	-19.05	-10.75	7.67
-11.0A	13.556	-142.53	-29.69	-22.55	-11.17	7.68
-12.0A	13.809	-151.10	-19.64	-25.25	-11.47	7.69
-13.0A	13.955	-159.44	-8.86	-26.82	-11.65	7.68
-14.0A	13.989	-167.69	2.17	-26.98	-11.72	7.63
-15.0A	13.911	-175.97	13.02	-25.66	-11.71	7.51
-16.0A	13.725	-184.42	23.25	-23.06	-11.62	7.30
-17.0A	13.440	-193.19	32.23	-19.58	-11.49	6.98
-18.0A	13.073	-202.40	39.15	-15.65	-11.32	6.53
-19.0B	12.649	-212.19	43.21	-11.57	-11.16	5.96
-20.0B	12.200	-222.68	44.26	-7.38	-11.01	5.26
-21.0	11.751	-233.95	43.24	-2.86	-10.88	4.43
-22.0	11.317	-246.10	41.65	2.33	-10.77	3.48
-23.0	10.898	-259.19	40.21	8.52	-10.63	2.41
-24.0C	10.498	-273.31	37.60	15.71	-10.43	1.20
-25.0C	10.144	-288.53	30.75	23.12	-10.14	-0.13
-26.0D	9.892	-304.70	17.45	28.87	-9.77	-1.55
-27.0D	9.804	-321.45	-0.79	30.81	-9.33	-3.01
-28.0D	9.910	-338.15	-19.73	28.00	-8.86	-4.45
-29.0D	10.196	-354.19	-35.31	21.44	-8.37	-5.82
-30.0C	10.612	-369.14	-45.03	13.33	-7.91	-7.08

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	25.00	0.0	10.00
-1.0	9.923	-16.28	0.25	26.70	-1.44	9.82
-2.0	9.991	-32.57	-13.22	25.23	-2.88	9.57
-3.0	10.186	-48.44	-24.71	21.06	-4.26	9.25
-4.0	10.488	-63.55	-33.92	15.13	-5.54	8.90
-5.0	10.873	-77.70	-41.05	8.36	-6.72	8.55
-6.0	11.321	-90.79	-46.30	1.52	-7.77	8.24
-7.0B	11.813	-102.82	-49.37	-4.87	-8.70	7.99
-8.0B	12.321	-113.84	-49.46	-10.51	-9.52	7.83
-9.0B	12.812	-124.00	-45.96	-15.39	-10.21	7.75
-10.0A	13.250	-133.43	-39.13	-19.59	-10.76	7.73
-11.0A	13.604	-142.32	-29.87	-23.15	-11.19	7.74
-12.0A	13.856	-150.83	-19.17	-25.83	-11.47	7.77
-13.0A	13.994	-159.12	-7.78	-27.28	-11.64	7.77
-14.0A	14.014	-167.33	3.79	-27.20	-11.70	7.72
-15.0A	13.917	-175.60	15.12	-25.58	-11.66	7.59
-16.0A	13.707	-184.07	25.71	-22.65	-11.56	7.36
-17.0A	13.396	-192.88	34.82	-18.87	-11.41	7.02
-18.0B	13.004	-202.19	41.45	-14.72	-11.24	6.54
-19.0B	12.560	-212.11	44.72	-10.50	-11.07	5.93
-20.0B	12.100	-222.77	44.71	-6.22	-10.93	5.20
-21.0	11.652	-234.24	42.85	-1.60	-10.81	4.34
-22.0	11.224	-246.60	40.96	3.73	-10.71	3.36
-23.0	10.812	-259.91	39.59	10.13	-10.57	2.25
-24.0C	10.418	-274.28	36.83	17.53	-10.37	1.01
-25.0C	10.076	-289.73	29.03	24.93	-10.07	-0.35
-26.0D	9.849	-306.11	14.21	30.18	-9.69	-1.78
-27.0D	9.801	-322.95	-5.21	31.11	-9.25	-3.25
-28.0D	9.955	-339.60	-24.41	27.14	-8.78	-4.69
-29.0D	10.285	-355.43	-39.23	19.76	-8.32	-6.05
-30.0C	10.734	-370.09	-47.41	11.42	-7.88	-7.29

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	30.00	0.0	10.00
-1.0	9.935	-16.56	-2.32	31.47	-1.49	9.82
-2.0	10.044	-33.05	-18.64	28.99	-2.97	9.59
-3.0	10.308	-48.93	-32.41	23.34	-4.39	9.33
-4.0	10.696	-63.84	-42.92	15.94	-5.70	9.05
-5.0	11.175	-77.57	-50.20	8.14	-6.88	8.80
-6.0B	11.712	-90.10	-54.31	0.86	-7.93	8.62
-7.0B	12.274	-101.49	-55.09	-5.53	-8.85	8.51
-8.0A	12.827	-111.88	-52.48	-11.12	-9.62	8.48
-9.0A	13.337	-121.43	-46.92	-16.26	-10.25	8.53
-10.0A	13.779	-130.34	-39.20	-21.17	-10.74	8.63
-11.0	14.135	-138.74	-30.10	-25.73	-11.10	8.76
-12.0	14.392	-146.80	-20.12	-29.51	-11.32	8.89
-13.0	14.544	-154.63	-9.62	-31.94	-11.43	9.00
-14.0	14.588	-162.36	1.09	-32.58	-11.44	9.06
-15.0	14.522	-170.11	11.74	-31.28	-11.36	9.05
-16.0	14.349	-178.00	22.01	-28.24	-11.22	8.95
-17.0	14.074	-186.15	31.62	-23.92	-11.04	8.73
-18.0A	13.706	-194.68	40.15	-18.89	-10.84	8.38
-19.0A	13.259	-203.75	46.96	-13.65	-10.65	7.90
-20.0B	12.755	-213.51	51.15	-8.43	-10.49	7.26
-21.0B	12.224	-224.09	52.11	-3.13	-10.36	6.48
-22.0	11.699	-235.63	50.17	2.55	-10.29	5.57
-23.0	11.204	-248.20	46.41	8.95	-10.26	4.51
-24.0	10.754	-261.89	41.29	16.11	-10.23	3.32
-25.0C	10.368	-276.69	33.63	23.53	-10.17	1.99
-26.0C	10.081	-292.51	21.59	29.84	-10.07	0.56
-27.0C	9.942	-309.03	5.10	33.15	-9.90	-0.94
-28.0D	9.983	-325.72	-13.18	32.16	-9.68	-2.45
-29.0D	10.205	-341.97	-29.56	27.17	-9.42	-3.92
-30.0C	10.572	-357.30	-41.34	19.89	-9.16	-5.28

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	30.00	0.0	10.00
-1.0	9.936	-16.56	-2.41	31.44	-1.49	9.82
-2.0	10.045	-33.04	-18.63	28.96	-2.97	9.59
-3.0	10.308	-48.92	-32.35	23.33	-4.39	9.33
-4.0	10.696	-63.83	-43.02	15.91	-5.70	9.05
-5.0	11.178	-77.56	-50.67	8.04	-6.88	8.81
-6.0B	11.722	-90.07	-55.25	0.62	-7.94	8.63
-7.0B	12.296	-101.42	-56.30	-5.91	-8.85	8.53
-8.0A	12.861	-111.75	-53.55	-11.60	-9.63	8.53
-9.0A	13.380	-121.25	-47.50	-16.82	-10.26	8.59
-10.0A	13.825	-130.09	-39.16	-21.78	-10.74	8.70
-11.0	14.176	-138.44	-29.45	-26.34	-11.08	8.84
-12.0	14.425	-146.45	-18.99	-30.00	-11.29	8.97
-13.0	14.563	-154.26	-8.12	-32.20	-11.39	9.08
-14.0	14.590	-161.99	2.89	-32.52	-11.38	9.13
-15.0	14.505	-169.75	13.77	-30.85	-11.29	9.11
-16.0	14.310	-177.67	24.28	-27.44	-11.14	8.98
-17.0	14.010	-185.89	34.10	-22.79	-10.95	8.74
-18.0A	13.616	-194.53	42.73	-17.53	-10.75	8.36
-19.0A	13.143	-203.75	49.28	-12.12	-10.56	7.83
-20.0B	12.619	-213.72	52.62	-6.78	-10.40	7.15
-21.0B	12.080	-224.55	52.26	-1.37	-10.29	6.32
-22.0	11.560	-236.38	49.09	4.45	-10.24	5.37
-23.0	11.080	-249.26	44.65	10.99	-10.22	4.27
-24.0	10.650	-263.25	39.23	18.25	-10.21	3.04
-25.0C	10.287	-278.33	31.06	25.57	-10.15	1.69
-26.0C	10.031	-294.38	18.09	31.40	-10.03	0.23
-27.0D	9.932	-311.03	0.72	33.78	-9.85	-1.29
-28.0D	10.020	-327.69	-17.76	31.68	-9.62	-2.80
-29.0C	10.286	-343.77	-33.45	25.84	-9.37	-4.24
-30.0C	10.686	-358.84	-43.85	18.23	-9.11	-5.59

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	30.00	0.0	10.00
-1.0	9.937	-16.56	-2.49	31.42	-1.49	9.82
-2.0	10.046	-33.04	-18.63	28.94	-2.97	9.60
-3.0	10.309	-48.92	-32.30	23.32	-4.39	9.33
-4.0	10.697	-63.82	-43.12	15.89	-5.70	9.05
-5.0	11.182	-77.54	-51.16	7.92	-6.88	8.81
-6.0B	11.733	-90.03	-56.20	0.38	-7.94	8.64
-7.0B	12.318	-101.35	-57.49	-6.28	-8.86	8.56
-8.0A	12.895	-111.63	-54.56	-12.08	-9.63	8.57
-9.0A	13.422	-121.06	-47.99	-17.37	-10.26	8.65
-10.0A	13.868	-129.84	-39.01	-22.38	-10.74	8.78
-11.0	14.215	-138.15	-28.73	-26.91	-11.07	8.92
-12.0	14.454	-146.12	-17.82	-30.45	-11.26	9.06
-13.0	14.579	-153.91	-6.61	-32.41	-11.34	9.16
-14.0	14.589	-161.63	4.66	-32.39	-11.32	9.20
-15.0	14.484	-169.41	15.77	-30.36	-11.22	9.16
-16.0	14.267	-177.37	26.52	-26.59	-11.06	9.02
-17.0A	13.944	-185.66	36.56	-21.65	-10.86	8.74
-18.0A	13.524	-194.41	45.24	-16.17	-10.66	8.32
-19.0A	13.027	-203.80	51.39	-10.62	-10.47	7.75
-20.0B	12.486	-213.97	53.69	-5.18	-10.32	7.03
-21.0B	11.943	-225.06	51.94	0.33	-10.23	6.16
-22.0	11.432	-237.16	47.73	6.27	-10.20	5.17
-23.0	10.969	-250.33	42.89	12.93	-10.20	4.04
-24.0	10.557	-264.60	37.29	20.27	-10.19	2.78
-25.0C	10.217	-279.95	28.57	27.46	-10.12	1.39
-26.0C	9.991	-296.20	14.61	32.74	-9.99	-0.09
-27.0D	9.933	-312.93	-3.58	34.17	-9.80	-1.61
-28.0D	10.066	-329.55	-22.09	31.02	-9.57	-3.12
-29.0C	10.372	-345.44	-36.90	24.47	-9.32	-4.55
-30.0C	10.800	-360.25	-45.84	16.69	-9.06	-5.87

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	15.00	30.00	0.0	10.00
-1.0	9.937	-16.56	-2.57	31.39	-1.49	9.82
-2.0	10.047	-33.03	-18.63	28.91	-2.97	9.60
-3.0	10.310	-48.91	-32.26	23.30	-4.39	9.33
-4.0	10.698	-63.81	-43.22	15.85	-5.70	9.06
-5.0	11.185	-77.53	-51.64	7.81	-6.88	8.82
-6.0B	11.745	-89.99	-57.15	0.13	-7.94	8.65
-7.0B	12.341	-101.27	-58.67	-6.66	-8.86	8.59
-8.0A	12.929	-111.50	-55.52	-12.54	-9.64	8.61
-9.0A	13.463	-120.88	-48.39	-17.90	-10.27	8.71
-10.0A	13.910	-129.60	-38.77	-22.94	-10.73	8.85
-11.0	14.252	-137.86	-27.95	-27.44	-11.05	9.00
-12.0	14.480	-145.80	-16.63	-30.84	-11.23	9.14
-13.0	14.591	-153.57	-5.11	-32.55	-11.30	9.24
-14.0	14.585	-161.29	6.40	-32.21	-11.26	9.27
-15.0	14.461	-169.09	17.75	-29.82	-11.15	9.21
-16.0	14.223	-177.10	28.74	-25.72	-10.98	9.04
-17.0A	13.875	-185.46	39.00	-20.50	-10.78	8.74
-18.0A	13.430	-194.33	47.68	-14.81	-10.57	8.28
-19.0A	12.911	-203.88	53.26	-9.14	-10.39	7.67
-20.0B	12.357	-214.26	54.34	-3.62	-10.25	6.90
-21.0	11.814	-225.60	51.22	1.97	-10.18	6.00
-22.0	11.315	-237.97	46.20	8.01	-10.17	4.97
-23.0	10.869	-251.41	41.18	14.79	-10.18	3.81
-24.0	10.475	-265.94	35.48	22.18	-10.17	2.52
-25.0C	10.155	-281.53	26.14	29.20	-10.10	1.10
-26.0C	9.960	-297.95	11.12	33.89	-9.95	-0.40
-27.0D	9.941	-314.75	-7.79	34.34	-9.75	-1.93
-28.0D	10.117	-331.29	-26.15	30.22	-9.52	-3.43
-29.0C	10.461	-346.99	-39.93	23.09	-9.27	-4.84
-30.0C	10.912	-361.53	-47.33	15.25	-9.02	-6.14

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-30.00	0.0	10.00
-1.0	9.726	-13.22	33.49	-25.07	-0.90	9.68
-2.0	9.317	-27.42	46.21	-16.28	-1.87	9.13
-3.0C	8.797	-43.14	54.13	-2.81	-2.92	8.30
-4.0D	8.252	-60.95	49.91	14.06	-4.04	7.20
-5.0	7.824	-81.01	32.05	29.60	-5.18	5.86
-6.0	7.622	-102.76	6.87	37.88	-6.27	4.34
-7.0	7.685	-124.91	-18.69	35.39	-7.20	2.69
-8.0	7.982	-146.04	-38.09	23.75	-7.92	1.01
-9.0	8.432	-165.26	-48.32	8.10	-8.41	-0.60
-10.0	8.942	-182.39	-50.25	-7.02	-8.70	-2.05
-11.0D	9.437	-197.65	-45.61	-19.22	-8.83	-3.33
-12.0D	9.858	-211.47	-35.86	-27.82	-8.82	-4.41
-13.0D	10.159	-224.29	-22.61	-33.07	-8.67	-5.30
-14.0D	10.314	-236.54	-7.52	-35.52	-8.37	-6.03
-15.0D	10.311	-248.59	7.93	-35.58	-7.91	-6.62
-16.0D	10.155	-260.83	22.45	-33.36	-7.27	-7.09
-17.0	9.859	-273.63	35.03	-28.62	-6.45	-7.46
-18.0	9.446	-287.37	45.43	-20.72	-5.42	-7.74
-19.0	8.936	-302.52	53.76	-8.54	-4.16	-7.91
-20.0E	8.364	-319.67	56.54	8.63	-2.66	-7.93
-21.0F	7.832	-339.31	44.42	27.84	-0.93	-7.78
-22.0	7.513	-361.24	15.96	40.80	0.94	-7.45
-23.0	7.522	-384.08	-17.40	40.14	2.83	-6.97
-24.0	7.846	-405.90	-44.12	26.48	4.62	-6.34
-25.0F	8.381	-425.40	-58.32	7.02	6.19	-5.65
-26.0F	8.993	-442.35	-59.28	-10.96	7.51	-4.94
-27.0E	9.557	-457.17	-49.61	-23.92	8.56	-4.25
-28.0E	9.987	-470.51	-33.82	-31.73	9.33	-3.58
-29.0E	10.241	-482.98	-15.52	-35.51	9.82	-2.90
-30.0E	10.302	-495.07	3.45	-36.16	10.07	-2.18

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-30.00	0.0	10.00
-1.0	9.727	-13.22	33.46	-25.08	-0.90	9.69
-2.0	9.316	-27.42	46.63	-16.21	-1.87	9.13
-3.0C	8.789	-43.16	55.03	-2.46	-2.92	8.29
-4.0D	8.237	-61.03	50.20	14.69	-4.04	7.18
-5.0	7.811	-81.17	31.20	30.12	-5.19	5.84
-6.0	7.620	-102.96	5.73	37.95	-6.28	4.32
-7.0	7.693	-125.09	-19.33	35.11	-7.22	2.67
-8.0	7.994	-146.17	-38.11	23.42	-7.93	0.99
-9.0	8.442	-165.35	-48.14	7.86	-8.42	-0.61
-10.0	8.952	-182.44	-50.40	-7.24	-8.71	-2.06
-11.0D	9.451	-197.67	-46.30	-19.57	-8.84	-3.33
-12.0D	9.881	-211.43	-36.90	-28.33	-8.84	-4.41
-13.0D	10.193	-224.17	-23.64	-33.72	-8.71	-5.30
-14.0D	10.357	-236.32	-8.31	-36.26	-8.42	-6.02
-15.0D	10.361	-248.26	7.43	-36.40	-7.98	-6.60
-16.0D	10.209	-260.37	22.14	-34.31	-7.37	-7.07
-17.0D	9.916	-273.01	34.66	-29.81	-6.57	-7.43
-18.0	9.508	-286.57	44.89	-22.30	-5.56	-7.71
-19.0	9.003	-301.50	53.64	-10.59	-4.34	-7.89
-20.0E	8.423	-318.37	58.25	6.43	-2.86	-7.92
-21.0F	7.863	-337.77	48.05	26.39	-1.14	-7.78
-22.0	7.506	-359.62	19.52	40.80	0.73	-7.47
-23.0	7.484	-382.58	-15.10	41.43	2.64	-7.00
-24.0	7.793	-404.63	-43.52	28.16	4.44	-6.40
-25.0F	8.331	-424.36	-59.49	8.20	6.05	-5.72
-26.0F	8.962	-441.44	-61.58	-10.64	7.41	-5.04
-27.0E	9.550	-456.30	-51.88	-24.24	8.49	-4.38
-28.0E	10.000	-469.61	-35.34	-32.32	9.28	-3.73
-29.0E	10.264	-482.00	-16.15	-36.17	9.79	-3.07
-30.0E	10.328	-494.02	3.68	-36.77	10.05	-2.37

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-30.00	0.0	10.00
-1.0	9.728	-13.22	33.43	-25.10	-0.90	9.69
-2.0	9.315	-27.42	47.05	-16.14	-1.87	9.12
-3.0C	8.780	-43.19	55.92	-2.11	-2.92	8.28
-4.0D	8.222	-61.11	50.46	15.30	-4.04	7.16
-5.0	7.800	-81.33	30.34	30.60	-5.20	5.82
-6.0	7.619	-103.15	4.63	38.00	-6.29	4.30
-7.0	7.701	-125.26	-19.93	34.82	-7.23	2.65
-8.0	8.005	-146.29	-38.13	23.08	-7.95	0.97
-9.0	8.452	-165.42	-47.99	7.62	-8.43	-0.62
-10.0	8.962	-182.48	-50.59	-7.48	-8.72	-2.07
-11.0D	9.466	-197.67	-47.03	-19.93	-8.86	-3.34
-12.0D	9.905	-211.38	-37.92	-28.86	-8.87	-4.41
-13.0D	10.227	-224.04	-24.60	-34.36	-8.75	-5.30
-14.0D	10.400	-236.09	-8.95	-36.96	-8.48	-6.02
-15.0D	10.409	-247.92	7.17	-37.15	-8.06	-6.59
-16.0D	10.257	-259.91	22.12	-35.13	-7.46	-7.04
-17.0D	9.965	-272.43	34.60	-30.77	-6.67	-7.40
-18.0	9.558	-285.85	44.56	-23.54	-5.69	-7.68
-19.0	9.057	-300.59	53.44	-12.24	-4.49	-7.87
-20.0E	8.473	-317.24	59.51	4.60	-3.03	-7.91
-21.0F	7.889	-336.43	51.09	25.16	-1.33	-7.78
-22.0	7.500	-358.21	22.45	40.77	0.55	-7.48
-23.0	7.454	-381.25	-13.27	42.43	2.47	-7.03
-24.0	7.751	-403.50	-43.10	29.48	4.29	-6.45
-25.0F	8.293	-423.41	-60.57	9.07	5.93	-5.80
-26.0F	8.940	-440.58	-63.62	-10.52	7.31	-5.14
-27.0E	9.549	-455.45	-53.77	-24.63	8.42	-4.50
-28.0E	10.014	-468.71	-36.43	-32.90	9.23	-3.88
-29.0E	10.286	-481.05	-16.37	-36.74	9.76	-3.24
-30.0E	10.348	-493.01	4.26	-37.23	10.03	-2.56

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-30.00	0.0	10.00
-1.0	9.728	-13.22	33.40	-25.11	-0.90	9.69
-2.0	9.314	-27.42	47.47	-16.07	-1.87	9.12
-3.0C	8.772	-43.21	56.80	-1.77	-2.92	8.27
-4.0D	8.207	-61.19	50.67	15.91	-4.05	7.14
-5.0	7.789	-81.48	29.46	31.06	-5.20	5.79
-6.0	7.619	-103.34	3.56	38.03	-6.31	4.27
-7.0	7.709	-125.42	-20.50	34.53	-7.25	2.63
-8.0	8.016	-146.40	-38.14	22.75	-7.96	0.96
-9.0	8.462	-165.50	-47.87	7.37	-8.44	-0.63
-10.0	8.972	-182.52	-50.83	-7.74	-8.73	-2.08
-11.0D	9.482	-197.66	-47.79	-20.32	-8.87	-3.34
-12.0D	9.930	-211.31	-38.94	-29.40	-8.90	-4.41
-13.0D	10.262	-223.89	-25.46	-34.99	-8.79	-5.29
-14.0D	10.442	-235.84	-9.41	-37.63	-8.54	-6.00
-15.0D	10.453	-247.57	7.16	-37.82	-8.13	-6.57
-16.0D	10.300	-259.46	22.41	-35.80	-7.55	-7.01
-17.0D	10.004	-271.88	34.84	-31.52	-6.77	-7.36
-18.0	9.597	-285.18	44.45	-24.49	-5.80	-7.64
-19.0	9.098	-299.78	53.25	-13.50	-4.62	-7.84
-20.0E	8.512	-316.26	60.44	3.19	-3.18	-7.89
-21.0F	7.910	-335.31	53.55	24.23	-1.48	-7.77
-22.0	7.495	-357.03	24.69	40.78	0.39	-7.48
-23.0	7.431	-380.15	-12.05	43.17	2.32	-7.06
-24.0	7.721	-402.53	-43.00	30.37	4.17	-6.50
-25.0F	8.268	-422.55	-61.67	9.53	5.82	-5.87
-26.0F	8.931	-439.77	-65.42	-10.69	7.23	-5.24
-27.0E	9.558	-454.61	-55.23	-25.16	8.36	-4.63
-28.0E	10.034	-467.82	-37.01	-33.49	9.19	-4.03
-29.0	10.306	-480.09	-16.11	-37.23	9.73	-3.41
-30.0E	10.362	-492.00	5.26	-37.56	9.99	-2.74

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-25.00	0.0	10.00
-1.0	9.738	-13.51	31.15	-20.16	-0.95	9.69
-2.0	9.365	-27.94	41.46	-12.04	-1.97	9.16
-3.0C	8.904	-43.76	47.52	-0.14	-3.05	8.37
-4.0D	8.429	-61.37	43.25	14.21	-4.18	7.32
-5.0	8.062	-80.87	26.73	26.78	-5.32	6.06
-6.0	7.905	-101.66	3.59	32.60	-6.41	4.62
-7.0	7.987	-122.64	-19.16	29.29	-7.37	3.09
-8.0	8.277	-142.64	-36.28	18.64	-8.13	1.53
-9.0	8.703	-160.96	-45.56	4.78	-8.70	0.04
-10.0D	9.183	-177.43	-47.14	-8.52	-9.09	-1.33
-11.0D	9.644	-192.25	-42.09	-19.14	-9.31	-2.53
-12.0D	10.026	-205.81	-31.99	-26.45	-9.37	-3.57
-13.0C	10.288	-218.51	-18.71	-30.72	-9.27	-4.46
-14.0C	10.404	-230.74	-4.02	-32.44	-9.01	-5.20
-15.0D	10.370	-242.87	10.67	-31.94	-8.58	-5.83
-16.0D	10.191	-255.26	24.05	-29.29	-7.95	-6.37
-17.0D	9.886	-268.25	34.97	-24.31	-7.14	-6.84
-18.0	9.485	-282.20	43.04	-16.59	-6.12	-7.25
-19.0	9.014	-297.49	48.60	-5.41	-4.88	-7.58
-20.0E	8.505	-314.56	49.84	9.56	-3.41	-7.79
-21.0F	8.034	-333.79	39.81	26.05	-1.72	-7.85
-22.0F	7.742	-354.97	15.15	37.35	0.13	-7.74
-23.0	7.745	-376.95	-15.52	36.91	2.01	-7.48
-24.0F	8.041	-398.06	-40.81	24.89	3.80	-7.09
-25.0F	8.538	-417.14	-54.22	7.56	5.42	-6.60
-26.0E	9.106	-433.92	-54.77	-8.50	6.79	-6.06
-27.0E	9.625	-448.79	-45.63	-20.16	7.90	-5.49
-28.0E	10.021	-462.30	-31.31	-27.32	8.75	-4.89
-29.0	10.259	-474.98	-14.93	-30.90	9.34	-4.24
-30.0	10.325	-487.31	2.06	-31.64	9.70	-3.53

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-25.00	0.0	10.00
-1.0	9.739	-13.51	31.12	-20.18	-0.95	9.69
-2.0	9.364	-27.94	41.86	-11.97	-1.97	9.16
-3.0C	8.896	-43.78	48.45	0.20	-3.05	8.36
-4.0D	8.413	-61.45	43.75	14.87	-4.18	7.30
-5.0	8.047	-81.03	26.00	27.40	-5.33	6.03
-6.0	7.902	-101.88	2.06	32.71	-6.43	4.60
-7.0	8.001	-122.83	-20.74	28.75	-7.39	3.07
-8.0	8.305	-142.73	-37.61	17.59	-8.16	1.52
-9.0	8.743	-160.89	-46.75	3.43	-8.74	0.05
-10.0D	9.235	-177.18	-48.25	-10.02	-9.14	-1.30
-11.0D	9.707	-191.81	-42.87	-20.64	-9.39	-2.48
-12.0D	10.094	-205.17	-32.10	-27.82	-9.47	-3.49
-13.0C	10.352	-217.69	-18.01	-31.87	-9.39	-4.35
-14.0C	10.458	-229.77	-2.54	-33.33	-9.14	-5.07
-15.0D	10.405	-241.80	12.72	-32.55	-8.71	-5.69
-16.0D	10.203	-254.12	26.28	-29.59	-8.09	-6.22
-17.0D	9.878	-267.10	36.83	-24.30	-7.27	-6.69
-18.0	9.461	-281.09	44.22	-16.28	-6.24	-7.11
-19.0	8.980	-296.46	49.48	-4.75	-5.00	-7.46
-20.0E	8.461	-313.68	50.82	10.79	-3.51	-7.70
-21.0F	7.983	-333.11	39.88	27.80	-1.80	-7.78
-22.0F	7.702	-354.54	13.06	38.78	0.07	-7.70
-23.0	7.734	-376.65	-19.17	36.98	1.96	-7.48
-24.0F	8.070	-397.68	-44.71	23.37	3.77	-7.14
-25.0F	8.603	-416.51	-57.14	5.10	5.38	-6.71
-26.0E	9.192	-432.98	-55.81	-11.00	6.76	-6.23
-27.0E	9.712	-447.55	-44.71	-22.15	7.85	-5.71
-28.0	10.091	-460.83	-28.99	-28.65	8.68	-5.15
-29.0	10.299	-473.37	-11.68	-31.62	9.25	-4.52
-30.0	10.328	-485.64	6.00	-31.74	9.60	-3.81

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-25.00	0.0	10.00
-1.0	9.739	-13.51	31.09	-20.19	-0.95	9.69
-2.0	9.363	-27.94	42.26	-11.91	-1.97	9.15
-3.0C	8.888	-43.80	49.36	0.54	-3.05	8.35
-4.0D	8.396	-61.53	44.21	15.51	-4.18	7.28
-5.0	8.032	-81.20	25.23	27.98	-5.34	6.00
-6.0	7.900	-102.09	0.55	32.78	-6.44	4.57
-7.0	8.015	-123.01	-22.29	28.17	-7.41	3.05
-8.0	8.334	-142.80	-38.97	16.52	-8.19	1.52
-9.0	8.786	-160.80	-48.03	2.05	-8.79	0.06
-10.0D	9.290	-176.90	-49.42	-11.56	-9.20	-1.26
-11.0D	9.772	-191.33	-43.57	-22.15	-9.47	-2.42
-12.0D	10.162	-204.50	-31.96	-29.14	-9.57	-3.40
-13.0C	10.414	-216.85	-16.93	-32.91	-9.51	-4.24
-14.0C	10.504	-228.80	-0.62	-34.05	-9.27	-4.94
-15.0C	10.428	-240.75	15.21	-32.92	-8.83	-5.54
-16.0D	10.200	-253.05	28.85	-29.57	-8.20	-6.06
-17.0D	9.850	-266.07	38.85	-23.89	-7.37	-6.54
-18.0	9.417	-280.15	45.41	-15.47	-6.33	-6.97
-19.0	8.927	-295.68	50.27	-3.48	-5.07	-7.35
-20.0E	8.400	-313.11	51.41	12.69	-3.56	-7.61
-21.0F	7.923	-332.84	38.82	30.02	-1.82	-7.71
-22.0F	7.666	-354.53	9.51	40.11	0.07	-7.67
-23.0	7.742	-376.71	-23.92	36.37	1.97	-7.49
-24.0F	8.126	-397.55	-49.03	20.99	3.78	-7.19
-25.0F	8.695	-416.02	-59.68	2.01	5.38	-6.83
-26.0E	9.296	-432.10	-55.83	-13.74	6.74	-6.41
-27.0E	9.805	-446.36	-42.66	-24.06	7.81	-5.93
-28.0	10.156	-459.42	-25.69	-29.76	8.61	-5.39
-29.0	10.327	-471.84	-7.66	-32.03	9.16	-4.78
-30.0	10.312	-484.10	10.56	-31.42	9.48	-4.07

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-25.00	0.0	10.00
-1.0	9.740	-13.51	31.05	-20.21	-0.95	9.69
-2.0	9.362	-27.94	42.66	-11.84	-1.97	9.15
-3.0C	8.880	-43.82	50.27	0.88	-3.05	8.34
-4.0D	8.380	-61.61	44.63	16.15	-4.19	7.26
-5.0	8.018	-81.36	24.42	28.53	-5.34	5.98
-6.0	7.898	-102.29	-0.95	32.81	-6.46	4.55
-7.0	8.029	-123.18	-23.83	27.58	-7.43	3.03
-8.0	8.364	-142.85	-40.37	15.43	-8.23	1.51
-9.0	8.829	-160.69	-49.39	0.63	-8.83	0.08
-10.0D	9.347	-176.60	-50.61	-13.12	-9.27	-1.22
-11.0D	9.838	-190.83	-44.13	-23.64	-9.55	-2.35
-12.0C	10.229	-203.81	-31.53	-30.38	-9.68	-3.31
-13.0C	10.471	-216.01	-15.47	-33.83	-9.63	-4.12
-14.0C	10.541	-227.85	1.70	-34.60	-9.38	-4.80
-15.0C	10.439	-239.73	18.06	-33.06	-8.94	-5.39
-16.0D	10.182	-252.04	31.65	-29.26	-8.29	-5.91
-17.0D	9.807	-265.15	40.90	-23.11	-7.44	-6.39
-18.0	9.358	-279.38	46.50	-14.23	-6.38	-6.84
-19.0	8.859	-295.12	50.97	-1.67	-5.10	-7.24
-20.0E	8.327	-312.85	51.59	15.18	-3.57	-7.52
-21.0F	7.858	-332.92	36.62	32.57	-1.79	-7.65
-22.0F	7.638	-354.88	4.64	41.15	0.11	-7.64
-23.0	7.770	-377.05	-29.52	35.00	2.03	-7.50
-24.0F	8.206	-397.59	-53.49	17.82	3.82	-7.26
-25.0F	8.809	-415.61	-61.54	-1.51	5.41	-6.96
-26.0E	9.414	-431.27	-54.73	-16.49	6.73	-6.59
-27.0E	9.900	-445.21	-39.56	-25.78	7.76	-6.15
-28.0	10.214	-458.07	-21.61	-30.59	8.52	-5.63
-29.0	10.340	-470.42	-3.05	-32.09	9.04	-5.01
-30.0	10.276	-482.71	15.60	-30.68	9.34	-4.28

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-20.00	0.0	10.00
-1.0	9.750	-13.80	28.77	-15.27	-1.00	9.70
-2.0	9.414	-28.46	36.64	-7.85	-2.06	9.19
-3.0C	9.013	-44.36	40.85	2.48	-3.17	8.44
-4.0D	8.608	-61.78	36.56	14.40	-4.32	7.44
-5.0D	8.302	-80.73	21.79	24.37	-5.47	6.25
-6.0	8.184	-100.66	0.92	28.29	-6.55	4.90
-7.0	8.282	-120.63	-19.56	24.48	-7.52	3.47
-8.0	8.566	-139.66	-34.90	14.67	-8.32	2.02
-9.0D	8.970	-157.18	-42.94	2.39	-8.95	0.63
-10.0D	9.419	-173.08	-43.54	-9.13	-9.40	-0.65
-11.0D	9.839	-187.54	-37.77	-18.12	-9.67	-1.80
-12.0C	10.176	-200.91	-27.49	-24.14	-9.78	-2.80
-13.0C	10.393	-213.57	-14.67	-27.49	-9.72	-3.68
-14.0C	10.473	-225.87	-0.88	-28.56	-9.48	-4.45
-15.0C	10.412	-238.16	12.60	-27.61	-9.06	-5.13
-16.0D	10.220	-250.75	24.50	-24.67	-8.45	-5.74
-17.0D	9.921	-263.96	33.58	-19.65	-7.66	-6.31
-18.0	9.545	-278.11	39.31	-12.39	-6.66	-6.83
-19.0	9.126	-293.47	42.17	-2.63	-5.47	-7.30
-20.0	8.693	-310.35	41.75	9.64	-4.06	-7.69
-21.0E	8.297	-328.97	34.13	22.86	-2.45	-7.93
-22.0F	8.034	-349.17	15.58	32.56	-0.68	-8.00
-23.0F	8.002	-370.15	-9.71	33.58	1.14	-7.92
-24.0F	8.223	-390.61	-32.46	25.05	2.91	-7.69
-25.0F	8.633	-409.52	-45.85	11.20	4.54	-7.34
-26.0E	9.123	-426.52	-48.20	-2.63	5.97	-6.90
-27.0E	9.589	-441.81	-41.92	-13.37	7.15	-6.39
-28.0E	9.964	-455.81	-30.71	-20.47	8.09	-5.81
-29.0	10.210	-468.97	-17.26	-24.45	8.80	-5.17
-30.0	10.314	-481.70	-2.97	-25.85	9.30	-4.46

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-20.00	0.0	10.00
-1.0	9.751	-13.80	28.73	-15.29	-1.00	9.70
-2.0	9.414	-28.46	37.02	-7.79	-2.06	9.19
-3.0C	9.005	-44.37	41.78	2.80	-3.17	8.43
-4.0D	8.591	-61.86	37.27	15.08	-4.32	7.42
-5.0D	8.283	-80.90	21.33	25.10	-5.47	6.22
-6.0	8.176	-100.91	-0.69	28.57	-6.57	4.87
-7.0	8.294	-120.86	-21.74	23.98	-7.55	3.44
-8.0	8.601	-139.78	-37.16	13.41	-8.36	2.01
-9.0D	9.028	-157.11	-44.98	0.62	-9.00	0.64
-10.0D	9.494	-172.76	-44.95	-11.08	-9.47	-0.61
-11.0D	9.924	-186.97	-38.15	-19.94	-9.77	-1.72
-12.0C	10.258	-200.11	-26.68	-25.65	-9.90	-2.69
-13.0C	10.461	-212.57	-12.76	-28.59	-9.85	-3.53
-14.0C	10.517	-224.74	1.92	-29.22	-9.61	-4.28
-15.0C	10.424	-236.95	15.94	-27.78	-9.18	-4.94
-16.0D	10.198	-249.56	27.81	-24.29	-8.55	-5.55
-17.0D	9.868	-262.88	36.13	-18.70	-7.73	-6.13
-18.0	9.472	-277.20	40.69	-10.88	-6.72	-6.68
-19.0	9.044	-292.82	42.65	-0.59	-5.50	-7.18
-20.0	8.609	-310.02	41.65	12.21	-4.07	-7.59
-21.0E	8.220	-329.00	32.62	25.63	-2.42	-7.86
-22.0F	7.984	-349.54	11.71	34.46	-0.63	-7.96
-23.0F	8.001	-370.65	-15.11	33.52	1.21	-7.91
-24.0F	8.277	-390.97	-37.50	22.98	2.98	-7.72
-25.0F	8.730	-409.53	-48.92	8.13	4.60	-7.42
-26.0E	9.237	-426.12	-48.63	-5.54	5.99	-7.03
-27.0E	9.696	-441.04	-40.12	-15.53	7.14	-6.56
-28.0	10.044	-454.78	-27.48	-21.77	8.05	-6.00
-29.0	10.253	-467.79	-13.20	-24.95	8.73	-5.37
-30.0	10.312	-480.48	1.62	-25.57	9.20	-4.66

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-20.00	0.0	10.00
-1.0	9.751	-13.80	28.70	-15.30	-1.00	9.70
-2.0	9.413	-28.46	37.41	-7.73	-2.06	9.18
-3.0C	8.997	-44.39	42.71	3.13	-3.17	8.42
-4.0D	8.574	-61.93	37.94	15.75	-4.32	7.40
-5.0D	8.265	-81.07	20.80	25.81	-5.48	6.19
-6.0	8.169	-101.14	-2.33	28.79	-6.58	4.84
-7.0	8.307	-121.08	-23.90	23.43	-7.57	3.42
-8.0	8.637	-139.88	-39.42	12.12	-8.40	2.00
-9.0D	9.086	-157.01	-46.98	-1.15	-9.06	0.66
-10.0D	9.569	-172.43	-46.19	-12.97	-9.55	-0.55
-11.0C	10.006	-186.39	-38.22	-21.63	-9.87	-1.63
-12.0C	10.335	-199.31	-25.48	-26.96	-10.01	-2.57
-13.0C	10.519	-211.61	-10.46	-29.46	-9.96	-3.39
-14.0C	10.547	-223.67	5.05	-29.61	-9.71	-4.11
-15.0C	10.420	-235.86	19.51	-27.63	-9.27	-4.76
-16.0D	10.157	-248.53	31.13	-23.54	-8.62	-5.38
-17.0D	9.798	-262.00	38.41	-17.34	-7.77	-5.97
-18.0	9.386	-276.56	41.65	-8.97	-6.73	-6.54
-19.0	8.953	-292.48	42.78	1.86	-5.49	-7.07
-20.0E	8.520	-310.05	41.07	15.14	-4.02	-7.51
-21.0E	8.144	-329.42	30.17	28.49	-2.34	-7.80
-22.0F	7.947	-350.26	6.75	35.96	-0.52	-7.93
-23.0F	8.022	-371.42	-21.08	32.68	1.32	-7.91
-24.0F	8.355	-391.49	-42.30	20.23	3.08	-7.77
-25.0E	8.844	-409.62	-51.06	4.81	4.67	-7.51
-26.0E	9.358	-425.78	-47.88	-8.31	6.03	-7.16
-27.0E	9.798	-440.37	-37.33	-17.34	7.14	-6.71
-28.0	10.111	-453.89	-23.57	-22.65	8.01	-6.17
-29.0	10.276	-466.80	-8.71	-25.00	8.66	-5.54
-30.0	10.288	-479.51	6.49	-24.81	9.10	-4.80

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-20.00	0.0	10.00
-1.0	9.752	-13.80	28.66	-15.32	-1.00	9.70
-2.0	9.412	-28.46	37.79	-7.67	-2.06	9.18
-3.0C	8.990	-44.41	43.63	3.46	-3.17	8.41
-4.0D	8.557	-62.01	38.57	16.41	-4.33	7.38
-5.0D	8.248	-81.23	20.21	26.48	-5.48	6.16
-6.0	8.164	-101.37	-3.98	28.96	-6.60	4.81
-7.0	8.321	-121.28	-26.04	22.83	-7.60	3.40
-8.0	8.674	-139.96	-41.66	10.80	-8.44	2.00
-9.0D	9.145	-156.90	-48.92	-2.91	-9.12	0.69
-10.0D	9.644	-172.07	-47.25	-14.78	-9.63	-0.50
-11.0C	10.085	-185.81	-37.96	-23.17	-9.97	-1.54
-12.0C	10.404	-198.53	-23.92	-28.08	-10.11	-2.45
-13.0C	10.567	-210.69	-7.83	-30.11	-10.06	-3.24
-14.0C	10.564	-222.68	8.44	-29.75	-9.80	-3.95
-15.0C	10.400	-234.88	23.19	-27.20	-9.33	-4.59
-16.0D	10.102	-247.65	34.32	-22.49	-8.65	-5.21
-17.0D	9.716	-261.31	40.28	-15.68	-7.78	-5.82
-18.0	9.292	-276.15	42.16	-6.76	-6.71	-6.43
-19.0	8.858	-292.41	42.59	4.58	-5.44	-6.99
-20.0E	8.430	-310.36	40.06	18.28	-3.94	-7.45
-21.0E	8.075	-330.13	26.87	31.26	-2.22	-7.76
-22.0F	7.925	-351.23	1.01	36.91	-0.39	-7.92
-23.0F	8.063	-372.34	-27.19	31.13	1.46	-7.93
-24.0F	8.450	-392.08	-46.52	17.04	3.20	-7.82
-25.0E	8.966	-409.76	-52.10	1.50	4.75	-7.60
-26.0E	9.476	-425.50	-46.07	-10.76	6.07	-7.28
-27.0	9.888	-439.79	-33.82	-18.72	7.14	-6.84
-28.0	10.160	-453.14	-19.27	-23.10	7.97	-6.30
-29.0	10.280	-466.00	-4.00	-24.63	8.58	-5.66
-30.0	10.241	-478.79	11.47	-23.58	9.00	-4.89

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-15.00	0.0	10.00
-1.0	9.763	-14.09	26.33	-10.40	-1.05	9.71
-2.0	9.464	-28.98	31.76	-3.72	-2.15	9.22
-3.0C	9.123	-44.94	34.10	5.03	-3.30	8.51
-4.0C	8.790	-62.16	29.75	14.63	-4.46	7.57
-5.0D	8.544	-80.59	17.02	22.26	-5.61	6.45
-6.0D	8.460	-99.73	-1.04	24.77	-6.69	5.18
-7.0D	8.565	-118.81	-18.95	20.97	-7.66	3.83
-8.0D	8.832	-137.05	-32.34	12.35	-8.48	2.47
-9.0D	9.203	-153.98	-39.08	1.85	-9.13	1.16
-10.0D	9.608	-169.51	-38.99	-7.89	-9.61	-0.07
-11.0C	9.982	-183.80	-33.26	-15.44	-9.91	-1.18
-12.0C	10.275	-197.16	-23.74	-20.48	-10.04	-2.18
-13.0C	10.460	-209.92	-12.18	-23.24	-10.00	-3.07
-14.0C	10.522	-222.38	0.10	-24.01	-9.78	-3.88
-15.0C	10.460	-234.85	11.97	-22.97	-9.39	-4.62
-16.0D	10.283	-247.61	22.27	-20.17	-8.81	-5.30
-17.0D	10.014	-260.95	29.77	-15.65	-8.05	-5.95
-18.0	9.686	-275.11	33.78	-9.45	-7.12	-6.57
-19.0	9.333	-290.29	34.67	-1.71	-6.00	-7.15
-20.0	8.985	-306.65	33.08	7.36	-4.70	-7.66
-21.0	8.668	-324.29	28.06	16.97	-3.22	-8.05
-22.0E	8.431	-343.13	17.29	25.03	-1.59	-8.28
-23.0E	8.335	-362.77	0.72	28.49	0.12	-8.33
-24.0F	8.421	-382.43	-17.28	25.49	1.83	-8.22
-25.0E	8.674	-401.31	-31.11	17.19	3.47	-7.95
-26.0E	9.032	-418.89	-37.59	6.78	4.95	-7.56
-27.0E	9.418	-435.07	-36.82	-2.85	6.24	-7.06
-28.0E	9.767	-450.03	-30.81	-10.26	7.32	-6.47
-29.0	10.038	-464.07	-21.74	-15.21	8.19	-5.81
-30.0	10.206	-477.52	-11.11	-17.92	8.86	-5.07

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-15.00	0.0	10.00
-1.0	9.763	-14.09	26.30	-10.41	-1.05	9.71
-2.0	9.464	-28.98	32.12	-3.66	-2.15	9.22
-3.0C	9.116	-44.96	35.02	5.34	-3.30	8.50
-4.0C	8.772	-62.24	30.66	15.32	-4.46	7.55
-5.0D	8.521	-80.76	16.94	23.11	-5.61	6.41
-6.0D	8.445	-100.00	-2.40	25.31	-6.70	5.14
-7.0D	8.569	-119.11	-21.22	20.79	-7.68	3.79
-8.0D	8.861	-137.27	-34.93	11.36	-8.52	2.44
-9.0D	9.258	-154.04	-41.38	0.29	-9.19	1.15
-10.0D	9.682	-169.34	-40.41	-9.65	-9.68	-0.04
-11.0C	10.064	-183.40	-33.47	-17.07	-10.00	-1.12
-12.0C	10.354	-196.54	-22.70	-21.79	-10.14	-2.08
-13.0C	10.522	-209.12	-10.06	-24.13	-10.10	-2.95
-14.0C	10.558	-221.47	3.05	-24.43	-9.88	-3.74
-15.0C	10.462	-233.90	15.41	-22.86	-9.46	-4.46
-16.0D	10.250	-246.71	25.61	-19.49	-8.86	-5.15
-17.0D	9.951	-260.19	32.23	-14.37	-8.08	-5.81
-18.0	9.605	-274.56	34.83	-7.68	-7.12	-6.45
-19.0	9.249	-290.01	34.45	0.40	-5.98	-7.05
-20.0	8.907	-306.67	32.10	9.64	-4.66	-7.59
-21.0E	8.603	-324.61	26.46	19.20	-3.15	-8.00
-22.0E	8.387	-343.71	14.74	26.78	-1.50	-8.25
-23.0E	8.322	-363.50	-2.75	29.18	0.23	-8.32
-24.0F	8.445	-383.16	-20.83	24.90	1.94	-8.22
-25.0E	8.730	-401.88	-33.66	15.70	3.57	-7.97
-26.0E	9.106	-419.21	-38.50	5.07	5.03	-7.59
-27.0E	9.492	-435.15	-36.07	-4.21	6.30	-7.10
-28.0E	9.827	-449.92	-28.79	-11.04	7.35	-6.52
-29.0	10.072	-463.86	-18.91	-15.35	8.20	-5.86
-30.0	10.209	-477.29	-7.80	-17.42	8.84	-5.11

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-15.00	0.0	10.00
-1.0	9.764	-14.09	26.26	-10.43	-1.05	9.71
-2.0	9.463	-28.98	32.48	-3.60	-2.15	9.21
-3.0C	9.108	-44.97	35.95	5.66	-3.30	8.49
-4.0C	8.755	-62.31	31.53	16.00	-4.47	7.53
-5.0D	8.500	-80.93	16.78	23.94	-5.62	6.38
-6.0D	8.432	-100.26	-3.84	25.79	-6.72	5.10
-7.0D	8.575	-119.39	-23.51	20.52	-7.71	3.76
-8.0D	8.893	-137.47	-37.48	10.31	-8.56	2.42
-9.0D	9.314	-154.06	-43.53	-1.27	-9.24	1.16
-10.0D	9.756	-169.15	-41.56	-11.32	-9.76	-0.01
-11.0C	10.143	-182.98	-33.31	-18.53	-10.09	-1.05
-12.0C	10.424	-195.93	-21.29	-22.88	-10.23	-1.99
-13.0C	10.573	-208.37	-7.62	-24.78	-10.19	-2.83
-14.0C	10.579	-220.63	6.24	-24.59	-9.95	-3.60
-15.0C	10.449	-233.06	18.94	-22.46	-9.52	-4.32
-16.0D	10.202	-245.97	28.80	-18.48	-8.89	-5.01
-17.0D	9.875	-259.62	34.25	-12.78	-8.07	-5.68
-18.0	9.516	-274.25	35.27	-5.66	-7.09	-6.35
-19.0	9.162	-290.00	33.70	2.67	-5.93	-6.99
-20.0	8.831	-306.97	30.74	11.98	-4.58	-7.55
-21.0E	8.545	-325.21	24.50	21.36	-3.05	-7.98
-22.0E	8.353	-344.54	11.80	28.26	-1.38	-8.24
-23.0E	8.323	-364.43	-6.40	29.45	0.36	-8.31
-24.0F	8.482	-384.02	-24.15	23.93	2.08	-8.22
-25.0E	8.795	-402.53	-35.63	14.05	3.68	-7.99
-26.0E	9.182	-419.61	-38.66	3.47	5.13	-7.62
-27.0E	9.561	-435.32	-34.65	-5.31	6.37	-7.13
-28.0	9.876	-449.94	-26.30	-11.48	7.39	-6.55
-29.0	10.092	-463.81	-15.79	-15.13	8.21	-5.87
-30.0	10.195	-477.27	-4.34	-16.54	8.83	-5.10

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-15.00	0.0	10.00
-1.0	9.764	-14.08	26.23	-10.44	-1.05	9.71
-2.0	9.462	-28.98	32.84	-3.54	-2.15	9.21
-3.0C	9.101	-44.99	36.87	5.97	-3.30	8.48
-4.0D	8.737	-62.39	32.37	16.67	-4.47	7.51
-5.0D	8.479	-81.10	16.54	24.73	-5.62	6.35
-6.0D	8.420	-100.52	-5.35	26.20	-6.73	5.06
-7.0D	8.583	-119.65	-25.81	20.18	-7.73	3.72
-8.0D	8.926	-137.64	-39.97	9.21	-8.60	2.41
-9.0D	9.371	-154.06	-45.52	-2.82	-9.30	1.16
-10.0C	9.827	-168.93	-42.42	-12.89	-9.83	0.03
-11.0C	10.216	-182.56	-32.80	-19.83	-10.17	-0.99
-12.0C	10.486	-195.34	-19.57	-23.76	-10.31	-1.89
-13.0C	10.612	-207.65	-4.95	-25.21	-10.26	-2.71
-14.0C	10.587	-219.88	9.58	-24.51	-10.00	-3.47
-15.0C	10.421	-232.34	22.48	-21.81	-9.54	-4.19
-16.0D	10.140	-245.37	31.74	-17.20	-8.89	-4.89
-17.0D	9.790	-259.24	35.71	-10.97	-8.04	-5.58
-18.0	9.425	-274.15	35.11	-3.49	-7.03	-6.28
-19.0	9.079	-290.21	32.55	4.99	-5.85	-6.95
-20.0	8.762	-307.48	29.14	14.28	-4.48	-7.53
-21.0E	8.494	-325.99	22.29	23.34	-2.92	-7.98
-22.0E	8.330	-345.52	8.67	29.42	-1.23	-8.24
-23.0E	8.335	-365.46	-9.98	29.37	0.51	-8.32
-24.0E	8.528	-384.94	-27.06	22.74	2.22	-8.23
-25.0E	8.863	-403.22	-36.95	12.42	3.81	-8.00
-26.0E	9.254	-420.06	-38.18	2.09	5.23	-7.64
-27.0E	9.621	-435.58	-32.75	-6.08	6.44	-7.15
-28.0	9.911	-450.09	-23.55	-11.56	7.43	-6.55
-29.0	10.097	-463.94	-12.57	-14.55	8.22	-5.86
-30.0	10.166	-477.47	-0.88	-15.30	8.82	-5.06

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-10.00	0.0	10.00
-1.0	9.775	-14.38	23.85	-5.54	-1.10	9.71
-2.0	9.515	-29.49	26.81	0.36	-2.25	9.25
-3.0C	9.235	-45.51	27.27	7.53	-3.43	8.58
-4.0C	8.974	-62.53	22.78	14.89	-4.61	7.70
-5.0D	8.791	-80.44	12.14	20.37	-5.75	6.65
-6.0D	8.740	-98.84	-2.61	21.78	-6.83	5.46
-7.0D	8.844	-117.12	-17.36	18.35	-7.79	4.19
-8.0D	9.083	-134.67	-28.45	11.25	-8.61	2.90
-9.0D	9.407	-151.15	-33.96	2.70	-9.26	1.64
-10.0C	9.757	-166.46	-33.74	-5.28	-9.75	0.45
-11.0C	10.081	-180.74	-28.85	-11.58	-10.06	-0.66
-12.0C	10.337	-194.22	-20.84	-15.39	-10.20	-1.67
-13.0C	10.501	-207.16	-11.12	-18.32	-10.17	-2.60
-14.0C	10.562	-219.84	-0.77	-19.05	-9.98	-3.45
-15.0C	10.518	-232.51	9.26	-18.24	-9.62	-4.25
-16.0C	10.377	-245.41	17.97	-15.96	-9.09	-5.01
-17.0D	10.159	-258.77	24.25	-12.31	-8.39	-5.72
-18.0D	9.892	-272.79	27.32	-7.49	-7.53	-6.41
-19.0	9.611	-287.60	27.21	-1.82	-6.52	-7.06
-20.0	9.344	-303.26	24.76	4.29	-5.35	-7.66
-21.0	9.110	-319.79	20.67	10.38	-4.04	-8.17
-22.0	8.927	-337.11	14.85	15.76	-2.60	-8.54
-23.0E	8.814	-355.03	6.90	19.44	-1.06	-8.75
-24.0E	8.792	-373.26	-2.76	20.41	0.52	-8.78
-25.0E	8.870	-391.39	-12.42	18.28	2.09	-8.62
-26.0E	9.038	-409.03	-19.95	13.63	3.58	-8.30
-27.0E	9.266	-425.92	-23.96	7.73	4.96	-7.83
-28.0E	9.515	-441.96	-24.20	1.87	6.18	-7.24
-29.0E	9.750	-457.22	-21.28	-3.10	7.23	-6.55
-30.0E	9.943	-471.84	-16.11	-6.77	8.10	-5.77

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-10.00	0.0	10.00
-1.0	9.776	-14.37	23.82	-5.56	-1.10	9.71
-2.0	9.514	-29.49	27.15	0.42	-2.25	9.24
-3.0C	9.228	-45.53	28.18	7.83	-3.43	8.57
-4.0C	8.956	-62.60	23.85	15.57	-4.61	7.68
-5.0D	8.765	-80.61	12.52	21.33	-5.76	6.61
-6.0D	8.716	-99.13	-3.45	22.62	-6.84	5.41
-7.0D	8.835	-117.48	-19.27	18.65	-7.81	4.13
-8.0D	9.096	-135.04	-30.89	10.84	-8.64	2.85
-9.0D	9.445	-151.42	-36.23	1.72	-9.31	1.60
-10.0C	9.815	-166.57	-35.25	-6.53	-9.81	0.43
-11.0C	10.149	-180.67	-29.29	-12.80	-10.13	-0.65
-12.0C	10.404	-193.97	-20.18	-16.89	-10.27	-1.64
-13.0C	10.556	-206.77	-9.48	-19.00	-10.25	-2.54
-14.0C	10.596	-219.35	1.64	-19.34	-10.04	-3.38
-15.0C	10.525	-231.98	12.15	-18.07	-9.66	-4.17
-16.0C	10.354	-244.92	20.85	-15.28	-9.11	-4.92
-17.0D	10.109	-258.39	26.44	-11.14	-8.39	-5.64
-18.0D	9.826	-272.59	28.18	-5.95	-7.50	-6.34
-19.0	9.544	-287.62	26.63	-0.16	-6.47	-7.02
-20.0	9.288	-303.51	23.15	5.82	-5.29	-7.64
-21.0	9.074	-320.21	18.62	11.56	-3.96	-8.16
-22.0	8.911	-337.64	12.88	16.47	-2.51	-8.55
-23.0E	8.816	-355.61	5.35	19.69	-0.97	-8.76
-24.0E	8.807	-373.82	-3.67	20.34	0.61	-8.79
-25.0E	8.891	-391.90	-12.61	18.12	2.17	-8.62
-26.0E	9.058	-409.49	-19.47	13.61	3.66	-8.29
-27.0E	9.278	-426.36	-22.95	8.00	5.02	-7.80
-28.0E	9.515	-442.42	-22.85	2.50	6.23	-7.19
-29.0E	9.735	-457.74	-19.76	-2.10	7.27	-6.47
-30.0E	9.912	-472.46	-14.55	-5.42	8.13	-5.66

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-10.00	0.0	10.00
-1.0	9.776	-14.37	23.78	-5.57	-1.10	9.71
-2.0	9.514	-29.49	27.49	0.47	-2.25	9.24
-3.0C	9.221	-45.54	29.09	8.12	-3.43	8.56
-4.0C	8.939	-62.67	24.89	16.25	-4.61	7.66
-5.0D	8.740	-80.79	12.80	22.26	-5.76	6.57
-6.0D	8.695	-99.42	-4.41	23.39	-6.85	5.36
-7.0D	8.828	-117.83	-21.28	18.84	-7.83	4.08
-8.0D	9.113	-135.36	-33.32	10.32	-8.67	2.80
-9.0D	9.486	-151.64	-38.37	0.68	-9.35	1.57
-10.0C	9.874	-166.63	-36.50	-7.76	-9.86	0.43
-11.0C	10.215	-180.55	-29.38	-13.93	-10.20	-0.63
-12.0C	10.465	-193.69	-19.16	-17.75	-10.34	-1.60
-13.0C	10.602	-206.37	-7.53	-19.49	-10.31	-2.48
-14.0C	10.618	-218.88	4.29	-19.41	-10.09	-3.30
-15.0C	10.517	-231.51	15.17	-17.66	-9.69	-4.08
-16.0D	10.316	-244.52	23.66	-14.34	-9.11	-4.84
-17.0D	10.046	-258.15	28.27	-9.71	-8.36	-5.57
-18.0D	9.753	-272.56	28.48	-4.22	-7.45	-6.29
-19.0	9.475	-287.83	25.47	1.59	-6.40	-6.99
-20.0	9.236	-303.93	21.11	7.31	-5.20	-7.63
-21.0	9.044	-320.80	16.32	12.58	-3.87	-8.18
-22.0	8.905	-338.31	10.79	16.95	-2.41	-8.57
-23.0E	8.829	-356.29	3.84	19.69	-0.87	-8.79
-24.0E	8.831	-374.45	-4.35	20.08	0.71	-8.80
-25.0E	8.917	-392.46	-12.42	17.86	2.26	-8.63
-26.0E	9.078	-409.99	-18.57	13.62	3.74	-8.27
-27.0E	9.286	-426.84	-21.57	8.41	5.09	-7.77
-28.0E	9.508	-442.94	-21.25	3.34	6.29	-7.13
-29.0E	9.711	-458.35	-18.13	-0.87	7.32	-6.38
-30.0E	9.872	-473.22	-13.07	-3.85	8.17	-5.53

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-10.00	0.0	10.00
-1.0	9.777	-14.37	23.74	-5.59	-1.10	9.71
-2.0	9.513	-29.49	27.83	0.52	-2.25	9.24
-3.0C	9.214	-45.56	29.99	8.42	-3.43	8.55
-4.0C	8.921	-62.74	25.89	16.92	-4.61	7.64
-5.0D	8.715	-80.96	12.99	23.16	-5.76	6.54
-6.0D	8.675	-99.69	-5.49	24.08	-6.86	5.31
-7.0D	8.825	-118.17	-23.35	18.93	-7.85	4.03
-8.0D	9.133	-135.66	-35.74	9.70	-8.70	2.76
-9.0D	9.529	-151.82	-40.36	-0.41	-9.40	1.55
-10.0C	9.933	-166.65	-37.47	-8.95	-9.92	0.42
-11.0C	10.277	-180.40	-29.15	-14.95	-10.26	-0.61
-12.0C	10.519	-193.40	-17.84	-18.45	-10.40	-1.55
-13.0C	10.638	-205.97	-5.34	-19.82	-10.36	-2.42
-14.0C	10.629	-218.44	7.11	-19.30	-10.13	-3.23
-15.0C	10.497	-231.09	18.24	-17.03	-9.70	-4.01
-16.0D	10.266	-244.21	26.30	-13.18	-9.09	-4.76
-17.0D	9.975	-258.03	29.64	-8.10	-8.31	-5.51
-18.0	9.676	-272.67	28.17	-2.40	-7.38	-6.26
-19.0	9.409	-288.18	23.80	3.31	-6.31	-6.98
-20.0	9.192	-304.49	18.75	8.65	-5.10	-7.64
-21.0	9.025	-321.49	13.89	13.37	-3.76	-8.20
-22.0	8.908	-339.05	8.73	17.16	-2.30	-8.61
-23.0E	8.850	-356.99	2.53	19.45	-0.76	-8.82
-24.0E	8.860	-375.08	-4.68	19.65	0.81	-8.82
-25.0E	8.945	-393.00	-11.79	17.59	2.35	-8.63
-26.0E	9.096	-410.48	-17.22	13.74	3.82	-8.26
-27.0E	9.288	-427.33	-19.87	9.03	5.16	-7.72
-28.0E	9.492	-443.50	-19.50	4.42	6.35	-7.05
-29.0E	9.678	-459.04	-16.57	0.60	7.37	-6.27
-30.0E	9.824	-474.07	-11.85	-2.09	8.22	-5.39

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-5.00	0.0	10.00
-1.0	9.788	-14.66	21.33	-0.70	-1.15	9.72
-2.0	9.567	-29.99	21.81	4.40	-2.34	9.28
-3.0C	9.349	-46.07	20.37	9.98	-3.55	8.65
-4.0C	9.161	-62.88	15.58	15.19	-4.75	7.83
-5.0C	9.043	-80.29	6.87	18.64	-5.90	6.85
-6.0D	9.030	-97.96	-4.39	19.05	-6.97	5.74
-7.0D	9.133	-115.46	-15.50	16.08	-7.92	4.55
-8.0D	9.337	-132.37	-23.86	10.57	-8.72	3.33
-9.0C	9.606	-148.43	-28.04	4.02	-9.37	2.12
-10.0C	9.896	-163.58	-27.90	-2.19	-9.85	0.95
-11.0C	10.165	-177.88	-24.21	-7.26	-10.16	-0.15
-12.0C	10.383	-191.53	-18.06	-10.88	-10.31	-1.19
-13.0C	10.530	-204.70	-10.47	-13.04	-10.30	-2.17
-14.0C	10.595	-217.63	-2.30	-13.84	-10.14	-3.08
-15.0C	10.577	-230.50	5.71	-13.39	-9.82	-3.94
-16.0C	10.481	-243.53	12.76	-11.77	-9.34	-4.75
-17.0D	10.322	-256.89	17.95	-9.11	-8.71	-5.53
-18.0D	10.123	-270.72	20.53	-5.66	-7.94	-6.28
-19.0D	9.912	-285.12	20.24	-1.78	-7.03	-6.99
-20.0	9.717	-300.11	17.59	2.08	-6.00	-7.65
-21.0	9.558	-315.65	13.49	5.50	-4.85	-8.24
-22.0	9.443	-331.63	8.78	8.14	-3.60	-8.73
-23.0	9.378	-347.91	4.02	9.80	-2.27	-9.10
-24.0	9.360	-364.34	-0.43	10.39	-0.90	-9.32
-25.0	9.385	-380.77	-4.29	9.97	0.49	-9.37
-26.0	9.445	-397.07	-7.28	8.72	1.87	-9.26
-27.0	9.530	-413.13	-9.18	6.93	3.19	-8.98
-28.0	9.629	-428.89	-9.88	4.90	4.43	-8.55
-29.0	9.728	-444.35	-9.42	2.94	5.57	-7.97
-30.0	9.818	-459.53	-7.94	1.28	6.60	-7.27

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-5.00	0.0	10.00
-1.0	9.789	-14.66	21.29	-0.72	-1.15	9.72
-2.0	9.566	-29.99	22.13	4.44	-2.34	9.27
-3.0C	9.342	-46.08	21.25	10.26	-3.55	8.64
-4.0C	9.144	-62.95	16.76	15.84	-4.75	7.81
-5.0C	9.015	-80.46	7.69	19.65	-5.90	6.81
-6.0D	8.997	-98.27	-4.51	20.15	-6.97	5.69
-7.0D	9.107	-115.89	-16.67	16.91	-7.93	4.48
-8.0D	9.328	-132.87	-25.73	10.90	-8.74	3.25
-9.0C	9.617	-148.94	-30.04	3.85	-9.40	2.04
-10.0C	9.925	-164.02	-29.50	-2.70	-9.89	0.88
-11.0C	10.207	-178.24	-25.09	-7.88	-10.20	-0.22
-12.0C	10.430	-191.77	-18.10	-11.45	-10.36	-1.24
-13.0C	10.573	-204.84	-9.72	-13.44	-10.34	-2.20
-14.0C	10.627	-217.69	-0.87	-14.00	-10.17	-3.10
-15.0C	10.592	-230.53	7.62	-13.23	-9.83	-3.95
-16.0C	10.476	-243.57	14.81	-11.25	-9.33	-4.76
-17.0D	10.297	-256.99	19.64	-8.25	-8.68	-5.53
-18.0D	10.085	-270.93	21.30	-4.55	-7.89	-6.28
-19.0D	9.872	-285.47	19.77	-0.64	-6.96	-7.00
-20.0	9.688	-300.59	15.95	2.98	-5.91	-7.67
-21.0	9.550	-316.20	11.08	5.90	-4.76	-8.28
-22.0	9.462	-332.18	6.13	7.88	-3.52	-8.78
-23.0	9.423	-348.36	1.65	8.87	-2.21	-9.16
-24.0	9.425	-364.62	-2.06	8.94	-0.86	-9.39
-25.0	9.462	-380.81	-4.85	8.27	0.50	-9.45
-26.0	9.521	-396.85	-6.62	7.10	1.85	-9.34
-27.0	9.593	-412.69	-7.33	5.70	3.14	-9.07
-28.0	9.668	-428.30	-7.05	4.32	4.36	-8.63
-29.0	9.735	-443.71	-5.92	3.17	5.49	-8.04
-30.0	9.787	-458.94	-4.15	2.38	6.50	-7.32

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-5.00	0.0	10.00
-1.0	9.789	-14.66	21.25	-0.73	-1.15	9.72
-2.0	9.565	-29.99	22.44	4.49	-2.34	9.27
-3.0C	9.335	-46.10	22.12	10.53	-3.55	8.63
-4.0C	9.126	-63.01	17.92	16.50	-4.75	7.79
-5.0C	8.987	-80.62	8.43	20.65	-5.90	6.78
-6.0D	8.967	-98.56	-4.80	21.20	-6.98	5.63
-7.0D	9.085	-116.30	-18.02	17.63	-7.94	4.41
-8.0D	9.323	-133.34	-27.72	11.07	-8.76	3.18
-9.0C	9.634	-149.39	-32.04	3.53	-9.43	1.97
-10.0C	9.960	-164.40	-30.96	-3.31	-9.93	0.82
-11.0C	10.253	-178.50	-25.70	-8.56	-10.25	-0.27
-12.0C	10.477	-191.92	-17.83	-12.01	-10.40	-1.28
-13.0C	10.613	-204.90	-8.64	-13.79	-10.38	-2.22
-14.0C	10.652	-217.69	0.88	-14.05	-10.19	-3.10
-15.0C	10.597	-230.51	9.79	-12.92	-9.84	-3.94
-16.0C	10.458	-243.58	17.00	-10.55	-9.32	-4.75
-17.0D	10.259	-257.10	21.26	-7.18	-8.64	-5.53
-18.0D	10.036	-271.19	21.77	-3.26	-7.82	-6.29
-19.0D	9.826	-285.89	18.85	0.62	-6.88	-7.02
-20.0	9.657	-301.15	13.85	3.90	-5.82	-7.71
-21.0	9.544	-316.83	8.29	6.22	-4.67	-8.32
-22.0	9.486	-332.79	3.16	7.46	-3.44	-8.84
-23.0	9.477	-348.85	-1.03	7.70	-2.15	-9.23
-24.0	9.504	-364.88	-4.06	7.17	-0.82	-9.47
-25.0	9.555	-380.79	-5.87	6.13	0.50	-9.54
-26.0	9.620	-396.52	-6.48	4.90	1.81	-9.45
-27.0	9.684	-412.05	-5.99	3.74	3.07	-9.19
-28.0	9.739	-427.40	-4.56	2.87	4.26	-8.76
-29.0	9.775	-442.64	-2.44	2.46	5.36	-8.18
-30.0	9.788	-457.82	0.03	2.60	6.36	-7.44

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	-5.00	0.0	10.00
-1.0	9.790	-14.66	21.21	-0.75	-1.15	9.72
-2.0	9.565	-29.99	22.76	4.54	-2.34	9.27
-3.0C	9.329	-46.11	22.99	10.81	-3.55	8.63
-4.0C	9.109	-63.08	19.06	17.15	-4.75	7.77
-5.0C	8.960	-80.79	9.08	21.63	-5.91	6.74
-6.0D	8.938	-98.86	-5.23	22.18	-6.98	5.58
-7.0D	9.067	-116.70	-19.53	18.22	-7.96	4.35
-8.0D	9.324	-133.78	-29.80	11.09	-8.79	3.11
-9.0C	9.655	-149.79	-33.99	3.06	-9.46	1.91
-10.0C	9.999	-164.71	-32.23	-4.00	-9.97	0.77
-11.0C	10.300	-178.70	-26.04	-9.24	-10.30	-0.30
-12.0C	10.522	-192.01	-17.25	-12.53	-10.44	-1.30
-13.0C	10.648	-204.90	-7.26	-14.05	-10.41	-2.22
-14.0C	10.670	-217.63	2.88	-13.98	-10.21	-3.10
-15.0C	10.592	-230.46	12.15	-12.46	-9.83	-3.93
-16.0C	10.429	-243.60	19.23	-9.66	-9.29	-4.74
-17.0D	10.211	-257.24	22.69	-5.93	-8.59	-5.53
-18.0D	9.980	-271.50	21.82	-1.84	-7.74	-6.30
-19.0	9.777	-286.38	17.42	1.91	-6.78	-7.04
-20.0	9.630	-301.77	11.32	4.73	-5.72	-7.75
-21.0	9.546	-317.51	5.17	6.35	-4.57	-8.38
-22.0	9.521	-333.42	-0.07	6.77	-3.35	-8.91
-23.0	9.543	-349.32	-3.99	6.22	-2.09	-9.31
-24.0	9.597	-365.08	-6.44	5.00	-0.80	-9.56
-25.0	9.670	-380.65	-7.46	3.49	0.49	-9.66
-26.0	9.745	-395.98	-7.13	2.01	1.74	-9.59
-27.0	9.811	-411.11	-5.59	0.83	2.95	-9.36
-28.0	9.856	-426.08	-3.03	0.19	4.10	-8.96
-29.0	9.871	-440.97	0.29	0.25	5.17	-8.41
-30.0	9.849	-455.90	3.99	1.15	6.14	-7.70

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	0.0	0.0	10.00
-1.0	9.801	-14.95	18.76	4.12	-1.20	9.73
-2.0	9.619	-30.49	16.75	8.38	-2.44	9.31
-3.0	9.463	-46.61	13.40	12.39	-3.68	8.72
-4.00	9.351	-63.22	8.13	15.52	-4.90	7.97
-5.00	9.304	-80.13	0.96	17.02	-6.05	7.07
-6.00	9.335	-97.08	-7.10	16.37	-7.11	6.05
-7.00	9.446	-113.79	-14.48	13.64	-8.05	4.95
-8.00	9.624	-130.00	-19.76	9.46	-8.84	3.80
-9.00	9.841	-145.56	-22.20	4.74	-9.48	2.65
-10.00	10.068	-160.43	-21.79	0.25	-9.95	1.52
-11.00	10.278	-174.68	-19.00	-3.48	-10.27	0.42
-12.00	10.451	-188.41	-14.51	-6.24	-10.43	-0.64
-13.00	10.572	-201.77	-8.95	-7.98	-10.44	-1.64
-14.00	10.632	-214.92	-2.92	-8.70	-10.31	-2.60
-15.00	10.631	-228.01	3.04	-8.48	-10.03	-3.52
-16.00	10.573	-241.18	8.32	-7.39	-9.61	-4.40
-17.00	10.466	-254.57	12.26	-5.55	-9.06	-5.25
-18.00	10.328	-268.28	14.26	-3.20	-8.37	-6.05
-19.00	10.182	-282.37	13.99	-0.67	-7.56	-6.82
-20.00	10.050	-296.86	11.61	1.67	-6.64	-7.54
-21.0	9.950	-311.66	7.75	3.42	-5.63	-8.20
-22.0	9.893	-326.69	3.22	4.33	-4.54	-8.79
-23.0	9.884	-341.80	-1.23	4.30	-3.40	-9.28
-24.0	9.916	-356.87	-5.07	3.41	-2.23	-9.66
-25.0	9.984	-371.77	-7.93	1.87	-1.04	-9.93
-26.0	10.075	-386.42	-9.66	-0.08	0.13	-10.07
-27.0	10.178	-400.79	-10.24	-2.17	1.28	-10.10
-28.0	10.280	-414.85	-9.72	-4.17	2.38	-10.00
-29.0	10.373	-428.65	-8.23	-5.89	3.42	-9.79
-30.0	10.446	-442.22	-5.91	-7.22	4.40	-9.47

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	0.0	0.0	10.00
-1.0	9.802	-14.95	18.72	4.10	-1.20	9.73
-2.0	9.618	-30.49	17.04	8.42	-2.44	9.30
-3.0	9.457	-46.62	14.23	12.64	-3.68	8.71
-4.00	9.335	-63.28	9.35	16.14	-4.90	7.95
-5.00	9.274	-80.28	2.14	18.03	-6.05	7.03
-6.00	9.296	-97.38	-6.46	17.65	-7.11	5.98
-7.00	9.405	-114.26	-14.64	14.94	-8.05	4.86
-8.00	9.587	-130.61	-20.64	10.56	-8.85	3.70
-9.00	9.816	-146.29	-23.50	5.52	-9.49	2.53
-10.00	10.057	-161.23	-23.14	0.74	-9.96	1.38
-11.00	10.280	-175.50	-20.12	-3.21	-10.28	0.27
-12.00	10.462	-189.24	-15.23	-6.08	-10.43	-0.79
-13.00	10.588	-202.59	-9.22	-7.83	-10.44	-1.79
-14.00	10.649	-215.71	-2.75	-8.50	-10.29	-2.75
-15.00	10.645	-228.79	3.56	-8.17	-9.99	-3.66
-16.00	10.579	-241.96	9.02	-6.94	-9.56	-4.54
-17.00	10.466	-255.38	12.87	-4.97	-8.98	-5.37
-18.00	10.324	-269.13	14.44	-2.55	-8.27	-6.18
-19.00	10.179	-283.27	13.44	-0.08	-7.45	-6.94
-20.00	10.057	-297.77	10.25	2.01	-6.52	-7.65
-21.0	9.974	-312.56	5.69	3.32	-5.51	-8.31
-22.0	9.941	-327.50	0.73	3.66	-4.44	-8.89
-23.0	9.958	-342.45	-3.87	3.01	-3.32	-9.39
-24.0	10.018	-357.26	-7.60	1.53	-2.18	-9.78
-25.0	10.110	-371.84	-10.18	-0.53	-1.04	-10.06
-26.0	10.222	-386.10	-11.53	-2.87	0.08	-10.22
-27.0	10.341	-400.03	-11.69	-5.25	1.16	-10.28
-28.0	10.457	-413.63	-10.78	-7.45	2.20	-10.22
-29.0	10.559	-426.94	-8.93	-9.33	3.18	-10.07
-30.0	10.637	-440.00	-6.28	-10.77	4.10	-9.81

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	0.0	0.0	10.00
-1.0	9.802	-14.95	18.68	4.09	-1.20	9.73
-2.0	9.618	-30.49	17.33	8.46	-2.44	9.30
-3.0	9.451	-46.64	15.05	12.89	-3.68	8.71
-4.00	9.318	-63.34	10.57	16.75	-4.90	7.93
-5.00	9.245	-80.44	3.26	19.04	-6.05	6.99
-6.00	9.258	-97.68	-5.97	18.90	-7.11	5.92
-7.00	9.366	-114.71	-15.03	16.14	-8.06	4.78
-8.00	9.557	-131.20	-21.78	11.48	-8.86	3.59
-9.00	9.799	-146.96	-25.00	6.07	-9.50	2.41
-10.00	10.056	-161.95	-24.58	0.98	-9.98	1.25
-11.00	10.292	-176.22	-21.20	-3.16	-10.29	0.14
-12.00	10.483	-189.92	-15.79	-6.11	-10.44	-0.91
-13.00	10.611	-203.23	-9.23	-7.83	-10.44	-1.92
-14.00	10.670	-216.33	-2.24	-8.39	-10.28	-2.87
-15.00	10.658	-229.39	4.46	-7.90	-9.97	-3.77
-16.00	10.582	-242.57	10.11	-6.46	-9.51	-4.64
-17.00	10.458	-256.02	13.80	-4.30	-8.91	-5.47
-18.00	10.309	-269.83	14.79	-1.76	-8.19	-6.27
-19.00	10.165	-284.04	12.92	0.67	-7.34	-7.03
-20.00	10.053	-298.60	8.78	2.50	-6.41	-7.74
-21.0	9.990	-313.40	3.44	3.36	-5.40	-8.40
-22.0	9.983	-328.27	-2.03	3.09	-4.34	-8.99
-23.0	10.029	-343.07	-6.83	1.78	-3.24	-9.49
-24.0	10.119	-357.64	-10.53	-0.34	-2.14	-9.89
-25.0	10.240	-371.88	-12.93	-2.96	-1.05	-10.19
-26.0	10.379	-385.75	-14.00	-5.76	0.01	-10.38
-27.0	10.522	-399.22	-13.85	-8.50	1.03	-10.47
-28.0	10.658	-412.32	-12.59	-10.98	2.00	-10.47
-29.0	10.777	-425.09	-10.40	-13.09	2.91	-10.38
-30.0	10.868	-437.59	-7.44	-14.74	3.77	-10.20

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	0.0	0.0	10.00
-1.0	9.803	-14.94	18.64	4.07	-1.20	9.73
-2.0	9.618	-30.49	17.62	8.50	-2.44	9.30
-3.0	9.445	-46.65	15.88	13.14	-3.68	8.70
-4.00	9.301	-63.40	11.78	17.37	-4.89	7.91
-5.00	9.216	-80.60	4.32	20.05	-6.05	6.95
-6.00	9.221	-97.98	-5.64	20.10	-7.12	5.86
-7.00	9.331	-115.15	-15.65	17.24	-8.06	4.70
-8.00	9.533	-131.76	-23.15	12.24	-8.87	3.50
-9.00	9.791	-147.59	-26.65	6.42	-9.52	2.30
-10.00	10.064	-162.58	-26.05	1.01	-10.00	1.14
-11.00	10.312	-176.83	-22.17	-3.29	-10.31	0.03
-12.00	10.510	-190.48	-16.13	-6.26	-10.46	-1.02
-13.00	10.638	-203.74	-8.94	-7.90	-10.45	-2.01
-14.00	10.691	-216.80	-1.39	-8.31	-10.27	-2.96
-15.00	10.668	-229.84	5.72	-7.59	-9.95	-3.85
-16.00	10.579	-243.04	11.50	-5.89	-9.47	-4.72
-17.00	10.441	-256.55	14.91	-3.49	-8.85	-5.54
-18.00	10.285	-270.45	15.16	-0.82	-8.10	-6.34
-19.00	10.142	-284.75	12.23	1.55	-7.24	-7.10
-20.00	10.042	-299.39	7.02	3.08	-6.30	-7.82
-21.0	10.002	-314.20	0.86	3.42	-5.29	-8.49
-22.0	10.024	-329.02	-5.09	2.49	-4.24	-9.08
-23.0	10.103	-343.65	-10.10	0.48	-3.17	-9.59
-24.0	10.226	-357.97	-13.77	-2.29	-2.11	-10.01
-25.0	10.379	-371.88	-15.98	-5.47	-1.06	-10.32
-26.0	10.548	-385.34	-16.74	-8.71	-0.06	-10.55
-27.0	10.717	-398.34	-16.15	-11.76	0.89	-10.68
-28.00	10.874	-410.93	-14.35	-14.45	1.78	-10.73
-29.00	11.007	-423.16	-11.55	-16.67	2.62	-10.69
-30.00	11.108	-435.11	-7.96	-18.38	3.39	-10.58

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	5.00	0.0	10.00
-1.0	9.815	-15.23	16.14	8.93	-1.25	9.73
-2.0	9.672	-30.99	11.63	12.31	-2.53	9.34
-3.0	9.579	-47.14	6.37	14.76	-3.81	8.79
-4.0C	9.544	-63.54	0.41	15.90	-5.04	8.10
-5.0C	9.572	-79.96	-5.76	15.51	-6.20	7.29
-6.0C	9.660	-96.20	-11.36	13.66	-7.26	6.37
-7.0C	9.799	-112.07	-15.58	10.72	-8.19	5.38
-8.0C	9.972	-127.46	-17.93	7.24	-8.98	4.34
-9.0C	10.159	-142.32	-18.31	3.74	-9.61	3.29
-10.0C	10.341	-156.65	-16.93	0.61	-10.10	2.23
-11.0C	10.501	-170.53	-14.15	-1.91	-10.43	1.19
-12.0C	10.627	-184.05	-10.37	-3.72	-10.63	0.16
-13.0C	10.711	-197.32	-5.97	-4.78	-10.68	-0.84
-14.0C	10.748	-210.45	-1.30	-5.09	-10.59	-1.81
-15.0C	10.738	-223.56	3.26	-4.69	-10.38	-2.76
-16.0C	10.683	-236.76	7.26	-3.62	-10.03	-3.69
-17.0C	10.593	-250.16	10.18	-2.00	-9.55	-4.59
-18.0C	10.481	-263.83	11.49	-0.03	-8.94	-5.47
-19.0D	10.365	-277.81	10.85	1.99	-8.22	-6.31
-20.0D	10.265	-292.08	8.29	3.69	-7.40	-7.11
-21.0D	10.200	-306.58	4.28	4.73	-6.49	-7.87
-22.0D	10.180	-321.18	-0.48	4.86	-5.52	-8.55
-23.0D	10.210	-335.76	-5.22	4.03	-4.50	-9.16
-24.0D	10.285	-350.17	-9.34	2.34	-3.46	-9.68
-25.0	10.397	-364.30	-12.42	0.05	-2.42	-10.11
-26.0D	10.535	-378.08	-14.26	-2.57	-1.39	-10.44
-27.0D	10.685	-391.48	-14.83	-5.24	-0.39	-10.68
-28.0D	10.834	-404.48	-14.18	-7.74	0.56	-10.82
-29.0D	10.971	-417.13	-12.49	-9.93	1.48	-10.87
-30.0D	11.086	-429.48	-9.93	-11.72	2.34	-10.84

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	5.00	0.0	10.00
-1.0	9.815	-15.23	16.10	8.91	-1.25	9.74
-2.0	9.672	-30.99	11.90	12.34	-2.53	9.33
-3.0	9.574	-47.15	7.13	14.98	-3.81	8.78
-4.0C	9.528	-63.59	1.61	16.46	-5.04	8.09
-5.0C	9.542	-80.10	-4.38	16.46	-6.20	7.25
-6.0C	9.617	-96.48	-10.11	14.97	-7.26	6.31
-7.0C	9.745	-112.53	-14.72	12.27	-8.19	5.28
-8.0C	9.912	-128.13	-17.53	8.89	-8.97	4.21
-9.0C	10.097	-143.19	-18.33	5.38	-9.60	3.12
-10.0C	10.281	-157.72	-17.26	2.17	-10.08	2.03
-11.0C	10.445	-171.78	-14.67	-0.44	-10.40	0.95
-12.0C	10.577	-185.47	-10.99	-2.34	-10.58	-0.10
-13.0C	10.667	-198.89	-6.63	-3.48	-10.61	-1.12
-14.0C	10.712	-212.15	-2.01	-3.86	-10.50	-2.12
-15.0C	10.709	-225.38	2.46	-3.52	-10.26	-3.08
-16.0C	10.663	-238.69	6.28	-2.54	-9.88	-4.02
-17.0C	10.585	-252.17	8.91	-1.07	-9.37	-4.92
-18.0C	10.487	-265.89	9.83	0.65	-8.75	-5.79
-19.0D	10.390	-279.86	8.76	2.31	-8.01	-6.62
-20.0D	10.314	-294.08	5.88	3.54	-7.18	-7.40
-21.0D	10.275	-308.44	1.72	4.04	-6.28	-8.13
-22.0D	10.281	-322.84	-2.95	3.62	-5.32	-8.79
-23.0D	10.334	-337.14	-7.39	2.33	-4.34	-9.38
-24.0D	10.429	-351.21	-11.04	0.31	-3.33	-9.88
-25.0D	10.556	-364.96	-13.57	-2.17	-2.34	-10.29
-26.0D	10.702	-378.35	-14.82	-4.83	-1.36	-10.61
-27.0D	10.855	-391.35	-14.78	-7.42	-0.42	-10.85
-28.0D	11.001	-403.97	-13.57	-9.75	0.48	-10.99
-29.0D	11.129	-416.27	-11.36	-11.73	1.33	-11.05
-30.0D	11.230	-428.30	-8.39	-13.27	2.14	-11.02

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	5.00	0.0	10.00
-1.0	9.816	-15.23	16.06	8.89	-1.25	9.74
-2.0	9.671	-30.98	12.16	12.38	-2.53	9.33
-3.0	9.568	-47.16	7.89	15.21	-3.81	8.78
-4.0C	9.513	-63.64	2.82	17.01	-5.04	8.07
-5.0C	9.513	-80.24	-3.01	17.42	-6.20	7.21
-6.0C	9.575	-96.76	-8.96	16.28	-7.26	6.24
-7.0C	9.694	-113.00	-14.03	13.79	-8.19	5.19
-8.0C	9.856	-128.78	-17.41	10.45	-8.97	4.09
-9.0C	10.042	-144.03	-18.68	6.86	-9.60	2.96
-10.0C	10.231	-158.74	-17.92	3.51	-10.06	1.84
-11.0C	10.403	-172.95	-15.47	0.74	-10.38	0.74
-12.0C	10.543	-186.76	-11.81	-1.28	-10.54	-0.34
-13.0C	10.642	-200.28	-7.41	-2.52	-10.55	-1.38
-14.0C	10.694	-213.63	-2.72	-2.98	-10.42	-2.38
-15.0C	10.698	-226.93	1.79	-2.70	-10.16	-3.35
-16.0C	10.660	-240.29	5.58	-1.80	-9.76	-4.29
-17.0C	10.589	-253.81	8.06	-0.43	-9.23	-5.19
-18.0C	10.501	-267.54	8.72	1.13	-8.59	-6.05
-19.0D	10.417	-281.51	7.34	2.54	-7.84	-6.86
-20.0D	10.357	-295.67	4.16	3.44	-7.00	-7.63
-21.0D	10.336	-309.92	-0.17	3.55	-6.10	-8.34
-22.0D	10.362	-324.16	-4.85	2.74	-5.16	-8.99
-23.0D	10.434	-338.24	-9.14	1.10	-4.19	-9.55
-24.0D	10.546	-352.05	-12.50	-1.17	-3.22	-10.04
-25.0D	10.685	-365.52	-14.63	-3.79	-2.27	-10.44
-26.0D	10.840	-378.60	-15.39	-6.48	-1.34	-10.76
-27.0D	10.996	-391.28	-14.83	-9.00	-0.44	-10.99
-28.0D	11.139	-403.61	-13.07	-11.20	0.41	-11.13
-29.0D	11.260	-415.64	-10.35	-12.99	1.22	-11.19
-30.0D	11.349	-427.42	-6.95	-14.32	1.99	-11.17

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	5.00	0.0	10.00
-1.0	9.816	-15.23	16.01	8.87	-1.25	9.74
-2.0	9.671	-30.98	12.43	12.41	-2.53	9.33
-3.0	9.563	-47.18	8.66	15.43	-3.80	8.77
-4.0C	9.497	-63.70	4.02	17.57	-5.04	8.05
-5.0C	9.484	-80.39	-1.68	18.38	-6.20	7.18
-6.0C	9.533	-97.05	-7.90	17.58	-7.26	6.18
-7.0C	9.644	-113.45	-13.55	15.26	-8.19	5.10
-8.0C	9.805	-129.42	-17.57	11.90	-8.97	3.97
-9.0C	9.996	-144.84	-19.36	8.15	-9.59	2.81
-10.0C	10.193	-159.70	-18.89	4.60	-10.06	1.67
-11.0C	10.375	-174.02	-16.51	1.63	-10.36	0.54
-12.0C	10.526	-187.92	-12.76	-0.55	-10.51	-0.55
-13.0C	10.634	-201.50	-8.18	-1.89	-10.51	-1.60
-14.0C	10.692	-214.89	-3.28	-2.41	-10.37	-2.61
-15.0C	10.702	-228.22	1.41	-2.16	-10.08	-3.58
-16.0C	10.666	-241.60	5.30	-1.27	-9.66	-4.51
-17.0C	10.598	-255.13	7.74	0.07	-9.12	-5.40
-18.0C	10.515	-268.87	8.20	1.57	-8.45	-6.25
-19.0D	10.438	-282.83	6.50	2.84	-7.69	-7.06
-20.0D	10.388	-296.95	2.95	3.51	-6.85	-7.81
-21.0D	10.381	-311.14	-1.68	3.32	-5.95	-8.51
-22.0D	10.423	-325.26	-6.52	2.19	-5.02	-9.14
-23.0D	10.513	-339.19	-10.81	0.24	-4.07	-9.69
-24.0D	10.641	-352.80	-14.00	-2.27	-3.12	-10.17
-25.0D	10.794	-366.03	-15.80	-5.03	-2.19	-10.57
-26.0D	10.959	-378.86	-16.10	-7.76	-1.30	-10.88
-27.0D	11.119	-391.29	-14.97	-10.24	-0.44	-11.11
-28.0D	11.261	-403.37	-12.62	-12.31	0.37	-11.25
-29.0D	11.373	-415.17	-9.33	-13.92	1.14	-11.32
-30.0D	11.449	-426.76	-5.46	-15.03	1.88	-11.29

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	10.00	0.0	10.00
-1.0	9.828	-15.52	13.48	13.71	-1.30	9.74
-2.0	9.726	-31.48	6.46	16.18	-2.62	9.37
-3.0	9.697	-47.66	-0.73	17.09	-3.93	8.86
-4.0	9.740	-63.84	-7.56	16.34	-5.19	8.24
-5.0	9.848	-79.78	-13.35	14.14	-6.36	7.52
-6.0	10.007	-95.31	-17.54	10.94	-7.42	6.72
-7.0	10.200	-110.31	-19.85	7.29	-8.35	5.86
-8.0	10.407	-124.75	-20.36	3.67	-9.14	4.97
-9.0	10.611	-138.63	-19.34	0.37	-9.80	4.07
-10.0	10.799	-152.02	-17.10	-2.40	-10.32	3.17
-11.0	10.958	-165.00	-13.97	-4.59	-10.72	2.28
-12.0	11.082	-177.64	-10.17	-6.17	-10.99	1.40
-13.0	11.165	-190.07	-5.88	-7.13	-11.15	0.54
-14.0	11.201	-202.36	-1.25	-7.45	-11.20	-0.32
-15.0	11.189	-214.64	3.60	-7.11	-11.13	-1.17
-16.0	11.128	-227.01	8.47	-6.09	-10.94	-2.02
-17.0	11.017	-239.58	13.03	-4.33	-10.64	-2.87
-18.0C	10.864	-252.48	16.75	-1.86	-10.20	-3.73
-19.0C	10.680	-265.80	18.83	1.21	-9.64	-4.60
-20.0C	10.487	-279.61	18.44	4.57	-8.95	-5.46
-21.0D	10.313	-293.92	15.11	7.71	-8.15	-6.32
-22.0D	10.187	-308.66	9.16	9.99	-7.25	-7.16
-23.0D	10.131	-323.65	1.60	10.88	-6.28	-7.95
-24.0D	10.155	-338.68	-6.29	10.13	-5.26	-8.69
-25.0D	10.257	-353.50	-13.40	7.86	-4.21	-9.35
-26.0D	10.424	-367.92	-18.96	4.50	-3.18	-9.93
-27.0D	10.638	-381.81	-22.54	0.58	-2.17	-10.41
-28.0D	10.878	-395.10	-24.01	-3.37	-1.21	-10.81
-29.0D	11.122	-407.79	-23.45	-7.00	-0.31	-11.12
-30.0D	11.351	-419.95	-21.09	-10.06	0.52	-11.34

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	10.00	0.0	10.00
-1.0	9.829	-15.52	13.44	13.70	-1.30	9.74
-2.0	9.726	-31.47	6.70	16.22	-2.62	9.37
-3.0	9.692	-47.67	-0.05	17.29	-3.93	8.86
-4.0	9.726	-63.89	-6.45	16.82	-5.19	8.23
-5.0	9.821	-79.91	-11.96	14.97	-6.36	7.48
-6.0	9.965	-95.56	-16.03	12.12	-7.42	6.66
-7.0	10.143	-110.73	-18.38	8.78	-8.34	5.77
-8.0	10.335	-125.37	-19.00	5.40	-9.13	4.84
-9.0	10.526	-139.49	-18.12	2.30	-9.78	3.89
-10.0	10.702	-153.14	-16.02	-0.32	-10.29	2.94
-11.0	10.851	-166.39	-13.02	-2.37	-10.66	2.00
-12.0	10.966	-179.34	-9.34	-3.80	-10.91	1.07
-13.0	11.040	-192.08	-5.18	-4.61	-11.04	0.15
-14.0	11.071	-204.71	-0.69	-4.77	-11.04	-0.76
-15.0	11.054	-217.33	3.94	-4.26	-10.93	-1.67
-16.0	10.990	-230.07	8.42	-3.06	-10.69	-2.57
-17.0C	10.884	-243.02	12.30	-1.19	-10.32	-3.46
-18.0C	10.743	-256.29	14.89	1.26	-9.82	-4.35
-19.0C	10.586	-269.95	15.39	4.02	-9.20	-5.24
-20.0D	10.438	-284.03	13.23	6.67	-8.46	-6.11
-21.0D	10.325	-298.46	8.47	8.65	-7.63	-6.95
-22.0D	10.271	-313.13	1.89	9.47	-6.72	-7.76
-23.0D	10.288	-327.83	-5.33	8.86	-5.77	-8.52
-24.0D	10.378	-342.37	-12.06	6.88	-4.79	-9.21
-25.0D	10.530	-356.55	-17.46	3.87	-3.81	-9.82
-26.0D	10.729	-370.24	-21.01	0.31	-2.85	-10.34
-27.0D	10.953	-383.39	-22.50	-3.32	-1.94	-10.78
-28.0D	11.182	-396.00	-21.96	-6.65	-1.07	-11.13
-29.0D	11.396	-408.10	-19.61	-9.46	-0.26	-11.39
-30.0D	11.578	-419.78	-15.81	-11.65	0.50	-11.57

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	10.00	0.0	10.00
-1.0	9.829	-15.52	13.39	13.68	-1.30	9.74
-2.0	9.726	-31.47	6.94	16.25	-2.62	9.36
-3.0	9.687	-47.68	0.64	17.48	-3.93	8.85
-4.0	9.711	-63.93	-5.33	17.30	-5.19	8.21
-5.0	9.793	-80.03	-10.55	15.81	-6.36	7.45
-6.0	9.923	-95.81	-14.53	13.33	-7.41	6.60
-7.0	10.085	-111.15	-16.93	10.31	-8.34	5.67
-8.0	10.263	-126.00	-17.69	7.18	-9.12	4.70
-9.0	10.442	-140.36	-16.96	4.28	-9.76	3.71
-10.0	10.606	-154.28	-15.03	1.82	-10.25	2.71
-11.0	10.746	-167.82	-12.16	-0.08	-10.61	1.72
-12.0	10.853	-181.06	-8.61	-1.38	-10.83	0.73
-13.0	10.920	-194.12	-4.59	-2.04	-10.92	-0.24
-14.0	10.945	-207.08	-0.31	-2.04	-10.88	-1.21
-15.0	10.927	-220.06	3.95	-1.39	-10.71	-2.16
-16.0C	10.866	-233.15	7.81	-0.11	-10.41	-3.10
-17.0C	10.770	-246.45	10.68	1.72	-9.99	-4.03
-18.0C	10.653	-260.04	11.86	3.89	-9.44	-4.94
-19.0C	10.535	-273.95	10.77	6.03	-8.77	-5.84
-20.0D	10.441	-288.16	7.26	7.69	-8.00	-6.70
-21.0D	10.393	-302.55	1.86	8.41	-7.16	-7.53
-22.0D	10.406	-316.99	-4.46	7.93	-6.27	-8.31
-23.0D	10.484	-331.28	-10.60	6.25	-5.35	-9.02
-24.0D	10.620	-345.27	-15.68	3.63	-4.42	-9.66
-25.0D	10.799	-358.83	-19.10	0.47	-3.50	-10.21
-26.0D	11.004	-371.90	-20.58	-2.79	-2.62	-10.69
-27.0D	11.213	-384.48	-20.11	-5.80	-1.77	-11.07
-28.0D	11.409	-396.60	-17.89	-8.35	-0.97	-11.37
-29.0D	11.575	-408.33	-14.29	-10.33	-0.22	-11.57
-30.0C	11.698	-419.78	-9.74	-11.70	0.50	-11.69

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	10.00	0.0	10.00
-1.0	9.830	-15.51	13.35	13.66	-1.30	9.74
-2.0	9.725	-31.47	7.17	16.28	-2.62	9.36
-3.0	9.682	-47.69	1.33	17.68	-3.93	8.85
-4.0	9.697	-63.98	-4.19	17.79	-5.19	8.19
-5.0	9.766	-80.16	-9.13	16.66	-6.36	7.41
-6.0	9.880	-96.06	-13.03	14.56	-7.41	6.53
-7.0	10.028	-111.58	-15.53	11.86	-8.33	5.58
-8.0	10.193	-126.64	-16.49	8.98	-9.11	4.57
-9.0	10.360	-141.24	-15.98	6.27	-9.74	3.54
-10.0	10.515	-155.42	-14.26	3.94	-10.22	2.49
-11.0	10.648	-169.24	-11.57	2.15	-10.55	1.44
-12.0	10.750	-182.77	-8.21	0.96	-10.74	0.40
-13.0	10.815	-196.13	-4.42	0.39	-10.80	-0.62
-14.0C	10.840	-209.39	-0.47	0.45	-10.72	-1.63
-15.0C	10.825	-222.67	3.29	1.12	-10.50	-2.62
-16.0C	10.775	-236.05	6.37	2.33	-10.16	-3.59
-17.0C	10.699	-249.62	8.19	3.90	-9.69	-4.55
-18.0C	10.613	-263.41	8.18	5.57	-9.10	-5.47
-19.0C	10.539	-277.42	6.04	6.95	-8.40	-6.36
-20.0D	10.496	-291.60	2.00	7.65	-7.63	-7.21
-21.0D	10.502	-305.83	-3.21	7.39	-6.79	-8.01
-22.0D	10.563	-319.95	-8.64	6.10	-5.92	-8.75
-23.0D	10.676	-333.83	-13.38	3.93	-5.03	-9.42
-24.0D	10.832	-347.34	-16.77	1.22	-4.15	-10.01
-25.0D	11.013	-360.43	-18.45	-1.67	-3.28	-10.51
-26.0D	11.203	-373.08	-18.31	-4.41	-2.44	-10.93
-27.0D	11.382	-385.30	-16.51	-6.77	-1.64	-11.26
-28.0C	11.536	-397.17	-13.38	-8.62	-0.87	-11.50
-29.0C	11.653	-408.76	-9.34	-9.93	-0.13	-11.65
-30.0C	11.726	-420.16	-4.82	-10.70	0.58	-11.71

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	15.00	0.0	10.00
-1.0	9.842	-15.80	10.77	18.48	-1.35	9.75
-2.0	9.781	-31.96	1.24	20.02	-2.72	9.40
-3.0	9.815	-48.17	-7.88	19.39	-4.06	8.94
-4.0	9.938	-64.13	-15.75	16.84	-5.34	8.38
-5.0	10.131	-79.61	-21.72	12.93	-6.52	7.75
-6.0	10.375	-94.43	-25.55	8.36	-7.58	7.08
-7.0	10.647	-108.55	-27.41	3.69	-8.52	6.38
-8.0	10.930	-121.94	-27.68	-0.69	-9.33	5.69
-9.0	11.209	-134.66	-26.75	-4.62	-10.03	5.01
-10.0	11.474	-146.78	-24.91	-8.03	-10.61	4.36
-11.0	11.716	-158.36	-22.37	-10.94	-11.10	3.75
-12.0	11.929	-169.49	-19.21	-13.37	-11.50	3.18
-13.0	12.108	-180.25	-15.54	-15.35	-11.82	2.64
-14.0	12.246	-190.72	-11.41	-16.89	-12.06	2.13
-15.0	12.340	-200.98	-6.93	-17.99	-12.23	1.65
-16.0	12.386	-211.12	-2.18	-18.64	-12.33	1.18
-17.0	12.384	-221.21	2.71	-18.83	-12.36	0.71
-18.0	12.331	-231.34	7.69	-18.55	-12.33	0.23
-19.0	12.226	-241.58	12.71	-17.78	-12.22	-0.27
-20.0	12.071	-252.04	17.81	-16.45	-12.04	-0.81
-21.0	11.862	-262.81	23.09	-14.45	-11.78	-1.38
-22.0	11.597	-274.02	28.60	-11.60	-11.42	-2.01
-23.0	11.276	-285.82	34.10	-7.62	-10.95	-2.70
-24.0C	10.903	-298.38	38.56	-2.29	-10.34	-3.46
-25.0C	10.498	-311.89	39.87	4.41	-9.58	-4.29
-26.0D	10.107	-326.49	35.69	11.83	-8.68	-5.18
-27.0D	9.789	-342.15	25.52	18.55	-7.65	-6.10
-28.0	9.599	-358.63	11.34	22.87	-6.53	-7.04
-29.0	9.561	-375.50	-4.02	23.58	-5.33	-7.94
-30.0	9.676	-392.22	-18.18	20.55	-4.10	-8.76

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	15.00	0.0	10.00
-1.0	9.843	-15.80	10.73	18.46	-1.35	9.75
-2.0	9.781	-31.96	1.45	20.04	-2.72	9.40
-3.0	9.811	-48.18	-7.28	19.56	-4.06	8.93
-4.0	9.925	-64.17	-14.79	17.24	-5.34	8.37
-5.0	10.108	-79.71	-20.52	13.60	-6.52	7.73
-6.0	10.338	-94.63	-24.24	9.27	-7.58	7.03
-7.0	10.597	-108.88	-26.12	4.81	-8.52	6.30
-8.0	10.867	-122.43	-26.53	0.57	-9.33	5.57
-9.0	11.136	-135.33	-25.85	-3.29	-10.02	4.86
-10.0	11.393	-147.63	-24.38	-6.70	-10.60	4.17
-11.0	11.633	-159.39	-22.31	-9.66	-11.09	3.52
-12.0	11.848	-170.70	-19.73	-12.19	-11.48	2.91
-13.0	12.035	-181.61	-16.69	-14.33	-11.80	2.34
-14.0	12.188	-192.21	-13.22	-16.08	-12.05	1.81
-15.0	12.304	-202.57	-9.37	-17.44	-12.23	1.30
-16.0	12.378	-212.75	-5.20	-18.40	-12.35	0.82
-17.0	12.409	-222.84	-0.80	-18.95	-12.40	0.36
-18.0	12.394	-232.89	3.76	-19.08	-12.39	-0.11
-19.0	12.332	-243.00	8.46	-18.75	-12.32	-0.58
-20.0	12.221	-253.24	13.30	-17.94	-12.17	-1.07
-21.0	12.059	-263.70	18.41	-16.56	-11.95	-1.59
-22.0	11.843	-274.49	23.93	-14.46	-11.65	-2.15
-23.0	11.568	-285.74	29.94	-11.42	-11.23	-2.76
-24.0	11.230	-297.61	36.05	-7.11	-10.69	-3.42
-25.0C	10.835	-310.30	40.77	-1.29	-10.01	-4.15
-26.0C	10.410	-324.01	41.33	5.94	-9.16	-4.94
-27.0D	10.013	-338.87	35.26	13.65	-8.17	-5.78
-28.0	9.710	-354.80	23.04	20.15	-7.07	-6.66
-29.0	9.552	-371.48	7.64	23.74	-5.87	-7.54
-30.0	9.555	-388.43	-7.99	23.44	-4.62	-8.37

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	15.00	0.0	10.00
-1.0	9.843	-15.80	10.68	18.44	-1.35	9.75
-2.0	9.780	-31.96	1.66	20.06	-2.72	9.40
-3.0	9.807	-48.18	-6.68	19.73	-4.06	8.93
-4.0	9.913	-64.21	-13.82	17.64	-5.34	8.35
-5.0	10.084	-79.81	-19.27	14.28	-6.52	7.70
-6.0	10.301	-94.84	-22.85	10.23	-7.58	6.98
-7.0	10.545	-109.22	-24.70	6.00	-8.51	6.22
-8.0	10.801	-122.94	-25.16	1.94	-9.32	5.46
-9.0	11.057	-136.03	-24.62	-1.79	-10.01	4.70
-10.0	11.302	-148.54	-23.39	-5.12	-10.58	3.97
-11.0	11.533	-160.52	-21.65	-8.06	-11.06	3.27
-12.0	11.744	-172.05	-19.50	-10.61	-11.45	2.62
-13.0	11.931	-183.19	-16.99	-12.82	-11.76	2.00
-14.0	12.090	-193.99	-14.13	-14.69	-12.01	1.42
-15.0	12.219	-204.52	-10.93	-16.22	-12.19	0.88
-16.0	12.313	-214.85	-7.41	-17.41	-12.31	0.37
-17.0	12.369	-225.04	-3.61	-18.24	-12.37	-0.12
-18.0	12.386	-235.15	0.43	-18.69	-12.37	-0.60
-19.0	12.360	-245.26	4.68	-18.74	-12.31	-1.07
-20.0	12.289	-255.43	9.18	-18.35	-12.19	-1.54
-21.0	12.171	-265.75	14.01	-17.45	-12.00	-2.04
-22.0	12.001	-276.30	19.34	-15.93	-11.73	-2.55
-23.0	11.773	-287.21	25.34	-13.59	-11.36	-3.10
-24.0	11.480	-298.62	32.00	-10.15	-10.87	-3.69
-25.0C	11.119	-310.72	38.49	-5.27	-10.24	-4.34
-26.0C	10.701	-323.72	42.48	1.21	-9.44	-5.03
-27.0D	10.270	-337.81	40.59	8.86	-8.49	-5.78
-28.0D	9.897	-353.07	31.33	16.32	-7.40	-6.57
-29.0	9.647	-369.31	16.97	21.76	-6.21	-7.38
-30.0	9.555	-386.11	1.04	23.74	-4.95	-8.17

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	15.00	0.0	10.00
-1.0	9.844	-15.80	10.64	18.43	-1.35	9.75
-2.0	9.780	-31.95	1.86	20.09	-2.72	9.40
-3.0	9.803	-48.19	-6.08	19.89	-4.06	8.92
-4.0	9.901	-64.25	-12.83	18.04	-5.34	8.34
-5.0	10.060	-79.91	-18.00	14.97	-6.51	7.67
-6.0	10.263	-95.05	-21.40	11.22	-7.58	6.92
-7.0	10.492	-109.57	-23.16	7.26	-8.51	6.14
-8.0	10.732	-123.47	-23.60	3.43	-9.31	5.34
-9.0	10.971	-136.77	-23.09	-0.11	-9.99	4.54
-10.0	11.202	-149.51	-21.93	-3.29	-10.55	3.76
-11.0	11.418	-161.76	-20.33	-6.10	-11.02	3.01
-12.0	11.617	-173.56	-18.40	-8.57	-11.39	2.29
-13.0	11.794	-184.98	-16.20	-10.72	-11.68	1.61
-14.0	11.947	-196.07	-13.74	-12.56	-11.91	0.97
-15.0	12.074	-206.89	-11.01	-14.10	-12.07	0.37
-16.0	12.171	-217.50	-8.01	-15.34	-12.17	-0.20
-17.0	12.237	-227.96	-4.73	-16.26	-12.21	-0.74
-18.0	12.267	-238.31	-1.16	-16.83	-12.20	-1.27
-19.0	12.260	-248.64	2.71	-17.03	-12.13	-1.78
-20.0	12.210	-259.00	6.96	-16.80	-11.99	-2.29
-21.0	12.116	-269.47	11.69	-16.06	-11.79	-2.80
-22.0	11.969	-280.15	17.09	-14.68	-11.50	-3.32
-23.0	11.763	-291.15	23.31	-12.47	-11.11	-3.87
-24.0	11.490	-302.61	30.25	-9.14	-10.60	-4.44
-25.0C	11.145	-314.72	36.98	-4.40	-9.93	-5.05
-26.0C	10.743	-327.71	40.95	1.87	-9.11	-5.70
-27.0D	10.329	-341.75	38.74	9.10	-8.12	-6.38
-28.0D	9.976	-356.88	29.10	15.92	-7.01	-7.10
-29.0	9.750	-372.89	14.67	20.58	-5.80	-7.84
-30.0	9.680	-389.37	-0.94	21.86	-4.54	-8.55

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	20.00	0.0	10.00
-1.0	9.856	-16.08	8.02	23.23	-1.40	9.76
-2.0	9.836	-32.44	-4.04	23.80	-2.81	9.43
-3.0	9.935	-48.67	-15.08	21.67	-4.19	9.01
-4.0	10.138	-64.42	-24.12	17.42	-5.49	8.52
-5.0	10.420	-79.43	-30.68	11.96	-6.68	8.00
-6.0	10.757	-93.59	-34.89	6.11	-7.75	7.46
-7.0	11.127	-106.83	-37.13	0.45	-8.70	6.93
-8.0	11.511	-119.20	-37.77	-4.71	-9.53	6.45
-9.0	11.895	-130.76	-36.95	-9.26	-10.26	6.03
-10.0B	12.262	-141.59	-34.66	-13.20	-10.88	5.66
-11.0B	12.598	-151.81	-30.85	-16.58	-11.40	5.36
-12.0B	12.888	-161.53	-25.58	-19.40	-11.83	5.12
-13.0B	13.117	-170.85	-19.09	-21.63	-12.16	4.91
-14.0A	13.275	-179.90	-11.68	-23.20	-12.41	4.72
-15.0A	13.355	-188.79	-3.75	-23.98	-12.56	4.54
-16.0A	13.352	-197.63	4.31	-23.93	-12.63	4.33
-17.0B	13.267	-206.53	12.07	-23.08	-12.62	4.09
-18.0B	13.107	-215.60	19.16	-21.54	-12.55	3.79
-19.0B	12.879	-224.93	25.22	-19.49	-12.42	3.41
-20.0B	12.595	-234.64	30.08	-17.02	-12.24	2.95
-21.0	12.268	-244.83	33.81	-14.15	-12.03	2.40
-22.0	11.906	-255.59	36.81	-10.74	-11.78	1.75
-23.0	11.516	-267.05	39.56	-6.47	-11.47	0.98
-24.0	11.098	-279.35	42.08	-0.99	-11.10	0.10
-25.0C	10.660	-292.65	43.15	5.95	-10.62	-0.91
-26.0C	10.229	-307.10	40.04	14.02	-10.03	-2.03
-27.0D	9.864	-322.73	30.28	21.86	-9.32	-3.24
-28.0D	9.631	-339.35	14.43	27.26	-8.51	-4.50
-29.0	9.578	-356.46	-4.20	28.32	-7.64	-5.77
-30.0	9.714	-373.40	-21.92	24.64	-6.74	-7.00

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	20.00	0.0	10.00
-1.0	9.857	-16.08	7.98	23.21	-1.40	9.76
-2.0	9.836	-32.44	-3.85	23.82	-2.81	9.43
-3.0	9.932	-48.67	-14.58	21.81	-4.19	9.01
-4.0	10.128	-64.45	-23.36	17.73	-5.49	8.51
-5.0	10.402	-79.51	-29.83	12.43	-6.68	7.97
-6.0	10.730	-93.73	-34.13	6.69	-7.75	7.42
-7.0	11.094	-107.06	-36.68	1.06	-8.70	6.88
-8.0	11.476	-119.51	-37.83	-4.17	-9.54	6.38
-9.0	11.863	-131.14	-37.65	-8.87	-10.27	5.94
-10.0B	12.241	-142.02	-36.00	-13.01	-10.90	5.57
-11.0B	12.594	-152.26	-32.68	-16.59	-11.44	5.27
-12.0B	12.904	-161.97	-27.68	-19.63	-11.88	5.03
-13.0B	13.155	-171.25	-21.16	-22.09	-12.23	4.84
-14.0A	13.333	-180.23	-13.51	-23.86	-12.49	4.67
-15.0A	13.429	-189.03	-5.16	-24.80	-12.65	4.51
-16.0A	13.438	-197.76	3.39	-24.84	-12.72	4.33
-17.0A	13.360	-206.54	11.67	-24.01	-12.71	4.11
-18.0B	13.202	-215.48	19.19	-22.43	-12.63	3.84
-19.0B	12.972	-224.68	25.53	-20.32	-12.49	3.49
-20.0B	12.684	-234.26	30.43	-17.83	-12.31	3.06
-21.0	12.354	-244.30	33.98	-15.00	-12.09	2.53
-22.0	11.992	-254.91	36.67	-11.72	-11.84	1.90
-23.0	11.604	-266.20	39.22	-7.67	-11.55	1.16
-24.0	11.189	-278.29	42.03	-2.44	-11.18	0.30
-25.0	10.747	-291.36	44.14	4.35	-10.73	-0.67
-26.0C	10.298	-305.59	42.59	12.58	-10.14	-1.77
-27.0D	9.900	-321.06	33.96	20.98	-9.44	-2.97
-28.0D	9.629	-337.61	18.08	27.23	-8.65	-4.24
-29.0	9.543	-354.79	-1.47	29.08	-7.78	-5.53
-30.0	9.657	-371.88	-20.52	25.81	-6.88	-6.78

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	20.00	0.0	10.00
-1.0	9.857	-16.08	7.93	23.19	-1.40	9.76
-2.0	9.836	-32.43	-3.68	23.83	-2.81	9.43
-3.0	9.928	-48.68	-14.08	21.94	-4.19	9.00
-4.0	10.118	-64.48	-22.59	18.04	-5.49	8.50
-5.0	10.383	-79.59	-28.93	12.92	-6.68	7.95
-6.0	10.703	-93.88	-33.29	7.30	-7.75	7.38
-7.0	11.059	-107.29	-36.10	1.71	-8.70	6.82
-8.0	11.437	-119.83	-37.72	-3.56	-9.54	6.30
-9.0	11.826	-131.54	-38.17	-8.39	-10.28	5.85
-10.0B	12.213	-142.49	-37.19	-12.71	-10.92	5.47
-11.0B	12.581	-152.77	-34.44	-16.50	-11.47	5.17
-12.0B	12.911	-162.48	-29.76	-19.76	-11.93	4.93
-13.0B	13.183	-171.73	-23.28	-22.45	-12.30	4.75
-14.0A	13.382	-180.66	-15.40	-24.42	-12.57	4.60
-15.0A	13.495	-189.38	-6.64	-25.54	-12.74	4.46
-16.0A	13.517	-198.02	2.44	-25.68	-12.81	4.30
-17.0A	13.446	-206.69	11.28	-24.85	-12.80	4.11
-18.0B	13.289	-215.51	19.29	-23.22	-12.72	3.86
-19.0B	13.056	-224.60	25.97	-21.02	-12.57	3.53
-20.0B	12.763	-234.06	30.96	-18.47	-12.38	3.12
-21.0B	12.428	-243.98	34.32	-15.66	-12.15	2.61
-22.0	12.065	-254.47	36.64	-12.47	-11.90	2.00
-23.0	11.679	-265.61	38.88	-8.61	-11.61	1.29
-24.0	11.268	-277.54	41.75	-3.61	-11.26	0.45
-25.0	10.825	-290.42	44.63	3.01	-10.81	-0.50
-26.0C	10.365	-304.44	44.50	11.28	-10.24	-1.58
-27.0D	9.940	-319.75	37.06	20.11	-9.55	-2.77
-28.0D	9.636	-336.23	21.30	27.07	-8.75	-4.03
-29.0	9.520	-353.43	0.96	29.61	-7.89	-5.33
-30.0	9.615	-370.64	-19.24	26.74	-6.99	-6.60

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	20.00	0.0	10.00
-1.0	9.858	-16.08	7.88	23.18	-1.40	9.76
-2.0	9.836	-32.43	-3.50	23.85	-2.81	9.43
-3.0	9.925	-48.68	-13.57	22.08	-4.19	9.00
-4.0	10.108	-64.50	-21.81	18.35	-5.48	8.49
-5.0	10.364	-79.67	-27.99	13.42	-6.68	7.93
-6.0	10.674	-94.03	-32.36	7.95	-7.75	7.34
-7.0	11.021	-107.53	-35.37	2.43	-8.70	6.76
-8.0	11.394	-120.18	-37.40	-2.87	-9.54	6.22
-9.0	11.783	-131.98	-38.45	-7.80	-10.28	5.75
-10.0B	12.176	-143.01	-38.19	-12.29	-10.94	5.36
-11.0B	12.558	-153.34	-36.09	-16.29	-11.50	5.04
-12.0B	12.907	-163.06	-31.84	-19.78	-11.98	4.81
-13.0B	13.202	-172.31	-25.47	-22.69	-12.36	4.63
-14.0A	13.422	-181.19	-17.41	-24.89	-12.65	4.49
-15.0A	13.554	-189.84	-8.24	-26.19	-12.83	4.37
-16.0A	13.589	-198.40	1.37	-26.45	-12.91	4.24
-17.0A	13.527	-206.97	10.78	-25.65	-12.90	4.07
-18.0A	13.372	-215.70	19.34	-23.96	-12.81	3.84
-19.0B	13.136	-224.68	26.41	-21.66	-12.65	3.54
-20.0B	12.838	-234.03	31.55	-19.03	-12.45	3.15
-21.0B	12.497	-243.85	34.76	-16.20	-12.21	2.66
-22.0	12.131	-254.22	36.69	-13.08	-11.95	2.07
-23.0	11.747	-265.24	38.54	-9.38	-11.67	1.37
-24.0	11.340	-277.02	41.31	-4.61	-11.33	0.56
-25.0	10.900	-289.72	44.76	1.79	-10.89	-0.37
-26.0C	10.432	-303.56	45.93	10.04	-10.33	-1.43
-27.0D	9.985	-318.70	39.81	19.19	-9.64	-2.60
-28.0D	9.650	-335.08	24.35	26.78	-8.84	-3.86
-29.0	9.506	-352.29	3.35	29.99	-7.98	-5.16
-30.0	9.582	-369.58	-17.91	27.52	-7.09	-6.45

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	25.00	0.0	10.00
-1.0	9.871	-16.37	5.23	27.96	-1.45	9.76
-2.0	9.892	-32.91	-9.36	27.53	-2.91	9.46
-3.0	10.056	-49.15	-22.31	23.92	-4.32	9.08
-4.0	10.340	-64.69	-32.60	18.10	-5.64	8.67
-5.0	10.713	-79.27	-39.98	11.26	-6.85	8.24
-6.0	11.148	-92.78	-44.76	4.37	-7.93	7.84
-7.0	11.621	-105.22	-47.23	-2.00	-8.88	7.49
-8.0B	12.106	-116.67	-47.37	-7.62	-9.72	7.22
-9.0B	12.581	-127.22	-45.03	-12.49	-10.43	7.03
-10.0A	13.019	-137.03	-40.25	-16.77	-11.03	6.91
-11.0A	13.397	-146.24	-33.37	-20.55	-11.51	6.85
-12.0A	13.696	-155.00	-24.94	-23.75	-11.87	6.83
-13.0A	13.904	-163.44	-15.48	-26.13	-12.11	6.82
-14.0A	14.011	-171.70	-5.47	-27.35	-12.25	6.80
-15.0A	14.015	-179.91	4.70	-27.21	-12.29	6.74
-16.0A	13.916	-188.18	14.61	-25.71	-12.24	6.62
-17.0A	13.718	-196.63	23.87	-23.08	-12.13	6.41
-18.0A	13.432	-205.40	31.96	-19.69	-11.97	6.10
-19.0B	13.071	-214.61	38.31	-15.91	-11.78	5.67
-20.0B	12.656	-224.38	42.45	-11.92	-11.58	5.11
-21.0B	12.210	-234.84	44.32	-7.71	-11.38	4.43
-22.0	11.755	-246.10	44.49	-3.01	-11.18	3.62
-23.0	11.303	-258.24	43.77	2.50	-10.98	2.68
-24.0	10.862	-271.39	42.22	9.08	-10.74	1.60
-25.0C	10.448	-285.64	38.29	16.55	-10.44	0.39
-26.0C	10.096	-300.99	29.54	23.88	-10.05	-0.94
-27.0D	9.863	-317.27	15.01	29.17	-9.58	-2.33
-28.0D	9.801	-334.05	-3.19	30.51	-9.05	-3.76
-29.0D	9.928	-350.71	-21.25	27.28	-8.48	-5.16
-30.0D	10.224	-366.65	-35.83	20.62	-7.91	-6.48

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	25.00	0.0	10.00
-1.0	9.871	-16.36	5.18	27.94	-1.45	9.76
-2.0	9.893	-32.91	-9.21	27.55	-2.91	9.46
-3.0	10.054	-49.15	-21.91	24.03	-4.32	9.08
-4.0	10.332	-64.71	-32.08	18.31	-5.64	8.66
-5.0	10.701	-79.32	-39.57	11.54	-6.84	8.22
-6.0	11.133	-92.87	-44.70	4.62	-7.93	7.82
-7.0	11.608	-105.35	-47.72	-1.86	-8.89	7.47
-8.0B	12.102	-116.81	-48.42	-7.63	-9.73	7.19
-9.0B	12.589	-127.36	-46.42	-12.67	-10.46	7.01
-10.0A	13.041	-137.14	-41.62	-17.09	-11.06	6.90
-11.0A	13.432	-146.30	-34.40	-20.99	-11.55	6.86
-12.0A	13.739	-155.01	-25.44	-24.29	-11.91	6.85
-13.0A	13.949	-163.40	-15.39	-26.69	-12.15	6.86
-14.0A	14.052	-171.61	-4.78	-27.83	-12.27	6.84
-15.0A	14.046	-179.77	5.93	-27.51	-12.30	6.78
-16.0A	13.932	-188.02	16.34	-25.74	-12.24	6.66
-17.0A	13.714	-196.48	25.97	-22.81	-12.11	6.44
-18.0A	13.405	-205.28	34.21	-19.15	-11.93	6.11
-19.0B	13.022	-214.55	40.36	-15.16	-11.73	5.66
-20.0B	12.589	-224.42	43.87	-11.05	-11.52	5.08
-21.0	12.133	-235.02	44.85	-6.74	-11.32	4.37
-22.0	11.677	-246.43	44.27	-1.96	-11.13	3.53
-23.0	11.229	-258.74	43.21	3.67	-10.93	2.56
-24.0	10.794	-272.07	41.65	10.41	-10.70	1.46
-25.0C	10.386	-286.51	37.59	18.04	-10.38	0.23
-26.0C	10.044	-302.05	28.09	25.34	-9.98	-1.12
-27.0D	9.833	-318.49	12.38	30.20	-9.50	-2.53
-28.0D	9.803	-335.33	-6.78	30.70	-8.97	-3.96
-29.0D	9.969	-351.93	-25.13	26.53	-8.40	-5.36
-30.0D	10.303	-367.70	-39.24	19.17	-7.85	-6.68

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	25.00	0.0	10.00
-1.0	9.872	-16.36	5.13	27.93	-1.45	9.76
-2.0	9.893	-32.91	-9.06	27.56	-2.91	9.46
-3.0	10.051	-49.16	-21.52	24.13	-4.32	9.08
-4.0	10.325	-64.73	-31.55	18.53	-5.64	8.65
-5.0	10.688	-79.37	-39.12	11.83	-6.84	8.21
-6.0	11.118	-92.96	-44.60	4.90	-7.93	7.79
-7.0	11.594	-105.47	-48.16	-1.69	-8.89	7.44
-8.0B	12.095	-116.95	-49.43	-7.62	-9.74	7.17
-9.0B	12.595	-127.50	-47.78	-12.81	-10.48	6.99
-10.0A	13.061	-137.26	-42.96	-17.38	-11.09	6.89
-11.0A	13.464	-146.38	-35.40	-21.41	-11.59	6.86
-12.0A	13.779	-155.04	-25.90	-24.79	-11.95	6.87
-13.0A	13.990	-163.38	-15.26	-27.20	-12.18	6.88
-14.0A	14.089	-171.55	-4.07	-28.26	-12.30	6.87
-15.0A	14.073	-179.68	7.18	-27.74	-12.31	6.82
-16.0A	13.943	-187.91	18.06	-25.71	-12.24	6.69
-17.0A	13.706	-196.38	28.04	-22.49	-12.09	6.46
-18.0A	13.375	-205.21	36.39	-18.57	-11.90	6.11
-19.0B	12.971	-214.55	42.25	-14.39	-11.68	5.63
-20.0B	12.522	-224.53	45.05	-10.17	-11.47	5.03
-21.0	12.059	-235.26	45.13	-5.79	-11.27	4.29
-22.0	11.603	-246.82	43.88	-0.94	-11.08	3.43
-23.0	11.161	-259.30	42.62	4.80	-10.89	2.44
-24.0	10.732	-272.80	41.14	11.72	-10.65	1.32
-25.0C	10.329	-287.42	36.90	19.49	-10.33	0.06
-26.0C	9.998	-303.14	26.54	26.72	-9.91	-1.30
-27.0D	9.809	-319.72	9.59	31.08	-9.42	-2.73
-28.0D	9.813	-336.61	-10.44	30.71	-8.88	-4.16
-29.0D	10.017	-353.12	-28.92	25.62	-8.33	-5.56
-30.0D	10.387	-368.70	-42.39	17.67	-7.79	-6.87

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	25.00	0.0	10.00
-1.0	9.872	-16.36	5.08	27.91	-1.45	9.76
-2.0	9.893	-32.90	-8.91	27.57	-2.91	9.46
-3.0	10.048	-49.16	-21.12	24.23	-4.31	9.07
-4.0	10.317	-64.75	-31.01	18.75	-5.64	8.64
-5.0	10.675	-79.43	-38.64	12.12	-6.84	8.19
-6.0	11.101	-93.06	-44.43	5.19	-7.93	7.77
-7.0	11.578	-105.61	-48.52	-1.49	-8.90	7.41
-8.0B	12.086	-117.11	-50.38	-7.58	-9.76	7.13
-9.0B	12.598	-127.66	-49.10	-12.93	-10.50	6.96
-10.0A	13.078	-137.40	-44.28	-17.64	-11.13	6.87
-11.0A	13.493	-146.49	-36.37	-21.78	-11.62	6.85
-12.0A	13.815	-155.10	-26.34	-25.24	-11.99	6.87
-13.0A	14.028	-163.40	-15.11	-27.67	-12.22	6.89
-14.0A	14.122	-171.53	-3.36	-28.64	-12.33	6.89
-15.0A	14.096	-179.63	8.41	-27.93	-12.33	6.84
-16.0A	13.952	-187.85	19.75	-25.63	-12.24	6.70
-17.0A	13.696	-196.32	30.07	-22.12	-12.08	6.46
-18.0A	13.343	-205.20	38.49	-17.95	-11.87	6.10
-19.0B	12.918	-214.61	43.99	-13.61	-11.64	5.60
-20.0B	12.455	-224.70	45.99	-9.30	-11.42	4.97
-21.0	11.987	-235.55	45.19	-4.87	-11.22	4.21
-22.0	11.535	-247.26	43.37	0.04	-11.04	3.33
-23.0	11.098	-259.90	42.04	5.90	-10.85	2.32
-24.0	10.674	-273.56	40.72	12.98	-10.61	1.17
-25.0C	10.276	-288.35	36.24	20.90	-10.28	-0.10
-26.0D	9.957	-304.24	24.90	28.01	-9.85	-1.48
-27.0D	9.791	-320.94	6.71	31.81	-9.35	-2.92
-28.0D	9.829	-337.85	-14.09	30.55	-8.81	-4.36
-29.0D	10.071	-354.26	-32.55	24.60	-8.26	-5.76
-30.0D	10.474	-369.63	-45.21	16.17	-7.75	-7.05

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	30.00	0.0	10.00
-1.0	9.885	-16.65	2.39	32.68	-1.50	9.77
-2.0	9.949	-33.38	-14.72	31.22	-3.00	9.49
-3.0	10.178	-49.63	-29.57	26.16	-4.45	9.16
-4.0	10.543	-64.95	-41.12	18.88	-5.79	8.81
-5.0	11.008	-79.11	-49.34	10.87	-7.01	8.49
-6.0	11.541	-92.03	-54.44	3.20	-8.10	8.22
-7.0B	12.111	-103.76	-56.39	-3.61	-9.05	8.04
-8.0B	12.683	-114.41	-54.95	-9.56	-9.87	7.96
-9.0A	13.224	-124.17	-50.30	-14.98	-10.56	7.96
-10.0A	13.703	-133.20	-43.13	-20.19	-11.10	8.04
-11.0	14.100	-141.67	-34.24	-25.19	-11.50	8.16
-12.0	14.400	-149.75	-24.25	-29.59	-11.77	8.30
-13.0	14.594	-157.55	-13.58	-32.76	-11.91	8.43
-14.0	14.677	-165.21	-2.56	-34.15	-11.94	8.53
-15.0	14.646	-172.86	8.49	-33.45	-11.88	8.57
-16.0	14.504	-180.59	19.24	-30.77	-11.74	8.52
-17.0	14.255	-188.55	29.39	-26.54	-11.54	8.36
-18.0A	13.906	-196.86	38.56	-21.39	-11.32	8.08
-19.0A	13.471	-205.66	46.19	-15.92	-11.08	7.66
-20.0A	12.970	-215.10	51.43	-10.49	-10.86	7.08
-21.0B	12.430	-225.34	53.52	-5.11	-10.68	6.36
-22.0	11.886	-236.52	52.47	0.53	-10.54	5.49
-23.0	11.364	-248.73	49.28	6.85	-10.44	4.48
-24.0	10.882	-262.06	44.74	14.06	-10.36	3.32
-25.0	10.456	-276.57	37.97	21.86	-10.26	2.03
-26.0C	10.121	-292.20	26.84	29.06	-10.10	0.61
-27.0C	9.926	-308.69	10.53	33.64	-9.89	-0.88
-28.0D	9.915	-325.52	-8.68	33.85	-9.62	-2.40
-29.0D	10.099	-342.07	-26.83	29.52	-9.32	-3.89
-30.0C	10.449	-357.75	-40.60	22.21	-9.01	-5.29

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	30.00	0.0	10.00
-1.0	9.886	-16.65	2.34	32.66	-1.50	9.77
-2.0	9.950	-33.38	-14.60	31.23	-3.00	9.49
-3.0	10.177	-49.63	-29.28	26.23	-4.44	9.15
-4.0	10.538	-64.96	-40.86	19.00	-5.79	8.81
-5.0	11.002	-79.14	-49.37	10.97	-7.01	8.48
-6.0	11.538	-92.07	-55.00	3.20	-8.10	8.21
-7.0B	12.116	-103.79	-57.42	-3.76	-9.06	8.04
-8.0B	12.700	-114.43	-56.13	-9.84	-9.89	7.97
-9.0A	13.251	-124.14	-51.22	-15.36	-10.58	7.98
-10.0A	13.738	-133.13	-43.52	-20.65	-11.12	8.07
-11.0	14.135	-141.56	-34.04	-25.70	-11.51	8.20
-12.0	14.431	-149.59	-23.54	-30.05	-11.77	8.35
-13.0	14.615	-157.37	-12.47	-33.07	-11.90	8.48
-14.0	14.685	-165.02	-1.14	-34.19	-11.92	8.57
-15.0	14.639	-172.67	10.16	-33.17	-11.84	8.60
-16.0	14.478	-180.43	21.15	-30.15	-11.69	8.54
-17.0	14.208	-188.44	31.53	-25.60	-11.49	8.36
-18.0A	13.837	-196.83	40.88	-20.20	-11.26	8.05
-19.0A	13.378	-205.75	48.45	-14.55	-11.02	7.59
-20.0B	12.856	-215.36	53.12	-9.01	-10.80	6.97
-21.0B	12.304	-225.81	54.09	-3.53	-10.62	6.21
-22.0	11.760	-237.23	51.80	2.22	-10.50	5.30
-23.0	11.250	-249.71	47.82	8.66	-10.41	4.26
-24.0	10.785	-263.32	42.97	15.99	-10.34	3.07
-25.0C	10.379	-278.09	35.86	23.80	-10.23	1.74
-26.0C	10.068	-293.94	23.93	30.68	-10.06	0.30
-27.0D	9.908	-310.57	6.66	34.50	-9.83	-1.21
-28.0D	9.940	-327.42	-13.02	33.66	-9.56	-2.73
-29.0D	10.168	-343.83	-30.80	28.40	-9.26	-4.21
-30.0C	10.552	-359.28	-43.43	20.64	-8.95	-5.59

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	30.00	0.0	10.00
-1.0	9.886	-16.64	2.29	32.64	-1.50	9.77
-2.0	9.950	-33.37	-14.48	31.23	-3.00	9.49
-3.0	10.175	-49.63	-29.00	26.30	-4.44	9.15
-4.0	10.533	-64.98	-40.60	19.13	-5.79	8.80
-5.0	10.996	-79.17	-49.40	11.08	-7.01	8.47
-6.0	11.534	-92.11	-55.53	3.20	-8.11	8.21
-7.0B	12.120	-103.83	-58.43	-3.90	-9.07	8.04
-8.0B	12.716	-114.44	-57.28	-10.11	-9.90	7.97
-9.0A	13.278	-124.12	-52.09	-15.73	-10.59	8.00
-10.0A	13.771	-133.06	-43.85	-21.10	-11.13	8.10
-11.0	14.169	-141.45	-33.80	-26.17	-11.53	8.24
-12.0	14.459	-149.45	-22.82	-30.47	-11.78	8.39
-13.0	14.634	-157.21	-11.37	-33.33	-11.90	8.52
-14.0	14.691	-164.85	0.25	-34.19	-11.90	8.61
-15.0	14.629	-172.51	11.80	-32.85	-11.81	8.63
-16.0	14.451	-180.29	23.03	-29.49	-11.65	8.55
-17.0	14.160	-188.35	33.66	-24.65	-11.44	8.35
-18.0A	13.766	-196.82	43.17	-19.01	-11.20	8.01
-19.0A	13.284	-205.86	50.58	-13.20	-10.96	7.51
-20.0B	12.743	-215.64	54.53	-7.57	-10.74	6.86
-21.0B	12.183	-226.31	54.26	-2.02	-10.57	6.06
-22.0	11.644	-237.97	50.83	3.83	-10.46	5.12
-23.0	11.147	-250.70	46.30	10.39	-10.39	4.04
-24.0	10.698	-264.56	41.32	17.82	-10.32	2.82
-25.0C	10.310	-279.57	33.87	25.61	-10.21	1.47
-26.0C	10.024	-295.63	21.07	32.14	-10.02	0.01
-27.0D	9.898	-312.38	2.84	35.16	-9.78	-1.51
-28.0D	9.972	-329.22	-17.19	33.30	-9.50	-3.04
-29.0D	10.240	-345.48	-34.43	27.22	-9.20	-4.50
-30.0C	10.656	-360.68	-45.81	19.14	-8.90	-5.86

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	20.00	30.00	0.0	10.00
-1.0	9.887	-16.64	2.24	32.62	-1.50	9.77
-2.0	9.950	-33.37	-14.37	31.23	-3.00	9.49
-3.0	10.173	-49.63	-28.72	26.37	-4.44	9.15
-4.0	10.528	-64.99	-40.32	19.25	-5.79	8.79
-5.0	10.989	-79.20	-49.40	11.19	-7.01	8.46
-6.0	11.530	-92.15	-56.04	3.21	-8.11	8.20
-7.0B	12.124	-103.87	-59.42	-4.04	-9.08	8.03
-8.0B	12.731	-114.46	-58.42	-10.37	-9.92	7.98
-9.0A	13.304	-124.10	-52.92	-16.08	-10.61	8.02
-10.0A	13.802	-133.01	-44.13	-21.52	-11.15	8.13
-11.0	14.200	-141.36	-33.52	-26.61	-11.54	8.28
-12.0	14.485	-149.33	-22.08	-30.85	-11.78	8.43
-13.0	14.650	-157.06	-10.28	-33.54	-11.89	8.56
-14.0	14.695	-164.70	1.61	-34.15	-11.88	8.65
-15.0	14.618	-172.36	13.40	-32.50	-11.78	8.65
-16.0	14.422	-180.18	24.88	-28.82	-11.61	8.55
-17.0	14.111	-188.29	35.76	-23.69	-11.39	8.33
-18.0A	13.694	-196.84	45.42	-17.83	-11.14	7.96
-19.0A	13.190	-206.01	52.58	-11.88	-10.90	7.43
-20.0B	12.633	-215.96	55.63	-6.17	-10.68	6.74
-21.0B	12.068	-226.83	54.07	-0.56	-10.53	5.90
-22.0	11.537	-238.73	49.64	5.37	-10.43	4.93
-23.0	11.054	-251.70	44.79	12.03	-10.37	3.82
-24.0	10.621	-265.79	39.80	19.56	-10.30	2.58
-25.0C	10.250	-281.03	31.98	27.30	-10.18	1.20
-26.0C	9.987	-297.26	18.23	33.43	-9.98	-0.28
-27.0D	9.896	-314.11	-0.93	35.63	-9.73	-1.81
-28.0D	10.010	-330.91	-21.18	32.79	-9.44	-3.33
-29.0D	10.316	-347.01	-37.73	26.01	-9.14	-4.78
-30.0C	10.759	-361.98	-47.75	17.73	-8.85	-6.12

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-30.00	0.0	10.00
-1.0	9.675	-13.29	38.43	-24.07	-0.91	9.63
-2.0	9.217	-27.72	50.66	-13.92	-1.90	9.02
-3.0C	8.660	-43.88	56.52	1.13	-2.98	8.13
-4.0D	8.110	-62.29	48.50	18.98	-4.13	6.98
-5.0	7.714	-83.01	27.33	34.00	-5.31	5.60
-6.0	7.571	-105.22	0.17	40.08	-6.40	4.04
-7.0	7.706	-127.46	-25.62	34.58	-7.33	2.37
-8.0	8.068	-148.30	-43.54	20.63	-8.04	0.70
-9.0	8.563	-167.03	-51.72	3.99	-8.52	-0.87
-10.0	9.098	-183.59	-51.72	-11.08	-8.81	-2.28
-11.0D	9.599	-198.34	-45.25	-22.67	-8.94	-3.49
-12.0D	10.007	-211.72	-33.85	-30.44	-8.93	-4.51
-13.0D	10.280	-224.20	-19.30	-34.88	-8.78	-5.35
-14.0D	10.397	-236.20	-3.34	-36.61	-8.47	-6.03
-15.0D	10.349	-248.13	12.60	-35.99	-7.99	-6.58
-16.0D	10.144	-260.34	27.20	-33.04	-7.32	-7.02
-17.0	9.801	-273.24	39.47	-27.41	-6.46	-7.37
-18.0	9.345	-287.22	49.32	-18.33	-5.38	-7.64
-19.0	8.800	-302.79	56.68	-4.57	-4.06	-7.80
-20.0E	8.210	-320.56	56.46	14.08	-2.49	-7.82
-21.0F	7.705	-340.94	39.15	33.13	-0.70	-7.67
-22.0	7.461	-363.42	7.18	43.28	1.22	-7.36
-23.0	7.563	-386.31	-26.36	38.54	3.12	-6.89
-24.0	7.968	-407.67	-50.69	21.93	4.89	-6.29
-25.0F	8.553	-426.49	-61.37	1.75	6.43	-5.64
-26.0F	9.177	-442.76	-58.76	-15.34	7.70	-4.99
-27.0E	9.722	-457.05	-46.56	-26.89	8.70	-4.34
-28.0E	10.113	-470.02	-29.54	-33.49	9.41	-3.70
-29.0E	10.320	-482.25	-10.80	-36.38	9.86	-3.04
-30.0E	10.333	-494.23	8.29	-36.29	10.06	-2.34

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-30.00	0.0	10.00
-1.0	9.676	-13.29	38.43	-24.07	-0.91	9.63
-2.0	9.216	-27.72	51.17	-13.82	-1.90	9.02
-3.CC	8.651	-43.90	57.38	1.53	-2.98	8.12
-4.0D	8.095	-62.38	48.52	19.59	-4.14	6.96
-5.0	7.705	-83.17	26.35	34.40	-5.31	5.58
-6.0	7.573	-105.40	-0.80	40.05	-6.42	4.02
-7.0	7.714	-127.62	-25.98	34.31	-7.35	2.35
-8.0	8.077	-148.42	-43.36	20.41	-8.05	0.68
-9.0	8.569	-167.12	-51.54	3.88	-8.52	-0.88
-10.0	9.105	-183.66	-52.03	-11.23	-8.81	-2.29
-11.0D	9.612	-198.38	-46.12	-22.98	-8.95	-3.50
-12.0D	10.030	-211.71	-34.95	-30.92	-8.95	-4.52
-13.0D	10.315	-224.11	-20.27	-35.48	-8.82	-5.35
-14.0D	10.439	-236.02	-3.99	-37.28	-8.52	-6.03
-15.0D	10.396	-247.84	12.27	-36.73	-8.06	-6.57
-16.0D	10.194	-259.93	27.03	-33.89	-7.41	-7.00
-17.0	9.853	-272.69	39.18	-28.49	-6.57	-7.35
-18.0	9.401	-286.51	48.84	-19.79	-5.51	-7.62
-19.0	8.859	-301.87	56.80	-6.46	-4.22	-7.79
-20.0E	8.259	-319.39	58.51	12.21	-2.66	-7.82
-21.0F	7.724	-339.58	42.51	32.15	-0.88	-7.67
-22.0	7.447	-362.03	10.01	43.60	1.04	-7.37
-23.0	7.527	-385.05	-24.81	39.78	2.95	-6.92
-24.0	7.924	-406.62	-50.73	23.24	4.74	-6.35
-25.0F	8.517	-425.59	-62.89	2.42	6.31	-5.72
-26.0F	9.161	-441.94	-60.88	-15.38	7.62	-5.09
-27.0E	9.726	-456.22	-48.25	-27.34	8.64	-4.47
-28.0E	10.131	-469.14	-30.38	-34.06	9.37	-3.85
-29.0	10.342	-481.30	-10.82	-36.91	9.83	-3.21
-30.0E	10.351	-493.23	9.04	-36.70	10.04	-2.52

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-30.00	0.0	10.00
-1.0	9.676	-13.29	38.43	-24.08	-0.91	9.63
-2.0	9.214	-27.72	51.68	-13.72	-1.90	9.02
-3.0C	8.641	-43.93	58.23	1.92	-2.98	8.11
-4.0D	8.080	-62.47	48.49	20.18	-4.14	6.94
-5.0	7.696	-83.33	25.39	34.78	-5.32	5.56
-6.0	7.574	-105.59	-1.73	40.00	-6.43	4.00
-7.0	7.722	-127.77	-26.30	34.05	-7.36	2.34
-8.0	8.085	-148.53	-43.18	20.20	-8.06	0.67
-9.0	8.576	-167.20	-51.39	3.77	-8.53	-0.90
-10.0	9.112	-183.73	-52.37	-11.39	-8.82	-2.30
-11.0D	9.625	-198.41	-46.99	-23.30	-8.96	-3.51
-12.0D	10.054	-211.69	-36.02	-31.40	-8.98	-4.53
-13.0D	10.349	-224.01	-21.16	-36.06	-8.85	-5.36
-14.0C	10.481	-235.83	-4.48	-37.90	-8.58	-6.02
-15.0D	10.441	-247.55	12.17	-37.38	-8.13	-6.56
-16.0D	10.237	-259.54	27.13	-34.60	-7.49	-6.98
-17.0D	9.896	-272.19	39.14	-29.35	-6.66	-7.32
-18.0	9.446	-285.87	48.50	-20.94	-5.62	-7.59
-19.0	8.907	-301.06	56.78	-7.97	-4.35	-7.77
-20.0E	8.300	-318.38	60.11	10.67	-2.82	-7.81
-21.0F	7.741	-338.41	45.34	31.32	-1.04	-7.67
-22.0	7.437	-360.83	12.29	43.84	0.88	-7.38
-23.0	7.499	-383.96	-23.66	40.73	2.81	-6.95
-24.0	7.891	-405.69	-50.89	24.20	4.62	-6.40
-25.0F	8.492	-424.78	-64.31	2.82	6.21	-5.79
-26.0F	9.154	-441.16	-62.74	-15.59	7.54	-5.19
-27.0E	9.736	-455.41	-49.56	-27.85	8.58	-4.60
-28.0E	10.149	-468.28	-30.83	-34.59	9.33	-4.00
-29.0	10.361	-480.38	-10.48	-37.34	9.80	-3.38
-30.0E	10.363	-492.27	10.09	-36.97	10.01	-2.69

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-30.00	0.0	10.00
-1.0	9.677	-13.29	38.43	-24.09	-0.91	9.63
-2.0	9.212	-27.72	52.18	-13.62	-1.90	9.01
-3.0C	8.632	-43.96	59.06	2.32	-2.98	8.10
-4.0D	8.066	-62.56	48.43	20.77	-4.15	6.92
-5.0	7.687	-83.48	24.42	35.13	-5.33	5.54
-6.0	7.576	-105.76	-2.63	39.94	-6.45	3.98
-7.0	7.731	-127.92	-26.60	33.79	-7.37	2.32
-8.0	8.094	-148.64	-43.00	20.00	-8.07	0.65
-9.0	8.582	-167.28	-51.25	3.65	-8.53	-0.91
-10.0	9.119	-183.79	-52.74	-11.55	-8.82	-2.31
-11.0D	9.639	-198.44	-47.89	-23.63	-8.97	-3.52
-12.0D	10.078	-211.66	-37.06	-31.89	-9.00	-4.53
-13.0D	10.383	-223.91	-21.95	-36.62	-8.89	-5.36
-14.0C	10.520	-235.65	-4.82	-38.47	-8.63	-6.02
-15.0D	10.481	-247.27	12.28	-37.94	-8.19	-6.54
-16.0D	10.276	-259.17	27.48	-35.17	-7.56	-6.96
-17.0D	9.931	-271.72	39.34	-30.00	-6.74	-7.29
-18.0	9.481	-285.31	48.31	-21.80	-5.72	-7.56
-19.0	8.944	-300.37	56.69	-9.13	-4.46	-7.75
-20.0E	8.332	-317.54	61.35	9.48	-2.94	-7.80
-21.0F	7.754	-337.44	47.61	30.73	-1.17	-7.67
-22.0	7.429	-359.85	13.95	44.04	0.75	-7.39
-23.0	7.479	-383.05	-22.98	41.40	2.69	-6.98
-24.0	7.869	-404.89	-51.27	24.78	4.52	-6.44
-25.0F	8.480	-424.04	-65.68	2.90	6.13	-5.86
-26.0F	9.158	-440.42	-64.33	-16.01	7.48	-5.29
-27.0E	9.752	-454.62	-50.44	-28.42	8.53	-4.72
-28.0E	10.170	-467.42	-30.83	-35.09	9.29	-4.15
-29.0	10.378	-479.48	-9.75	-37.70	9.76	-3.54
-30.0	10.369	-491.33	11.48	-37.11	9.97	-2.86

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-25.00	0.0	10.00
-1.0	9.687	-13.58	36.08	-19.14	-0.96	9.64
-2.0	9.266	-28.25	45.86	-9.67	-1.99	9.05
-3.0C	8.768	-44.49	49.95	3.72	-3.11	8.20
-4.0D	8.287	-62.70	41.91	18.93	-4.27	7.10
-5.0	7.953	-82.81	21.89	30.86	-5.45	5.79
-6.0	7.856	-104.02	-3.11	34.51	-6.56	4.33
-7.0	8.009	-125.07	-25.93	28.48	-7.51	2.78
-8.0	8.362	-144.82	-41.73	15.73	-8.27	1.23
-9.0	8.833	-162.67	-49.07	0.94	-8.83	-0.23
-10.0D	9.339	-178.61	-48.55	-12.30	-9.21	-1.54
-11.0D	9.804	-192.95	-41.45	-22.29	-9.43	-2.69
-12.0D	10.171	-206.09	-29.64	-28.79	-9.48	-3.67
-13.0C	10.401	-218.47	-15.17	-32.29	-9.38	-4.50
-14.0C	10.477	-230.49	0.29	-33.32	-9.10	-5.20
-15.0D	10.397	-242.52	15.36	-32.14	-8.63	-5.79
-16.0D	10.169	-254.92	28.70	-28.75	-7.98	-6.31
-17.0D	9.819	-268.04	39.16	-22.88	-7.12	-6.77
-18.0	9.379	-282.25	46.48	-14.01	-6.05	-7.17
-19.0	8.878	-297.97	51.01	-1.43	-4.75	-7.50
-20.0E	8.355	-315.65	49.67	14.83	-3.20	-7.72
-21.0F	7.909	-335.57	34.84	31.13	-1.45	-7.78
-22.0F	7.690	-357.28	6.36	39.75	0.44	-7.68
-23.0	7.787	-379.30	-24.68	35.36	2.32	-7.43
-24.0F	8.166	-399.98	-47.47	20.51	4.10	-7.06
-25.0F	8.712	-418.39	-57.03	2.53	5.67	-6.61
-26.0E	9.289	-434.52	-53.97	-12.64	6.99	-6.11
-27.0E	9.788	-448.86	-42.58	-22.99	8.05	-5.57
-28.0	10.147	-462.00	-27.29	-29.03	8.83	-5.00
-29.0	10.342	-474.45	-10.61	-31.79	9.38	-4.36
-30.0	10.363	-486.66	6.42	-31.85	9.70	-3.66

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-25.00	0.0	10.00
-1.0	9.688	-13.58	36.08	-19.15	-0.96	9.64
-2.0	9.264	-28.25	46.36	-9.58	-1.99	9.05
-3.0C	8.759	-44.51	50.85	4.12	-3.11	8.19
-4.0D	8.271	-62.79	42.12	19.58	-4.28	7.08
-5.0	7.941	-82.98	20.91	31.34	-5.46	5.77
-6.0	7.857	-104.23	-4.61	34.43	-6.57	4.31
-7.0	8.025	-125.23	-27.30	27.82	-7.53	2.76
-8.0	8.391	-144.85	-42.87	14.68	-8.30	1.23
-9.0	8.874	-162.56	-50.16	-0.34	-8.87	-0.21
-10.0D	9.390	-178.33	-49.57	-13.69	-9.27	-1.51
-11.0D	9.864	-192.48	-42.06	-23.64	-9.51	-2.63
-12.0C	10.233	-205.45	-29.52	-29.98	-9.58	-3.59
-13.0C	10.458	-217.68	-14.23	-33.25	-9.49	-4.39
-14.0C	10.521	-229.58	1.96	-34.01	-9.22	-5.07
-15.0D	10.420	-241.53	17.52	-32.54	-8.75	-5.66
-16.0D	10.170	-253.89	30.91	-28.82	-8.09	-6.17
-17.0D	9.800	-267.03	40.83	-22.63	-7.22	-6.63
-18.0	9.347	-281.31	47.43	-13.45	-6.14	-7.05
-19.0	8.837	-297.15	51.73	-0.48	-4.83	-7.40
-20.0E	8.307	-315.01	50.31	16.34	-3.27	-7.63
-21.0F	7.860	-335.16	34.04	32.91	-1.49	-7.72
-22.0F	7.661	-357.08	3.44	40.75	0.41	-7.65
-23.0	7.795	-379.15	-28.65	34.75	2.31	-7.45
-24.0F	8.214	-399.66	-51.13	18.45	4.08	-7.13
-25.0F	8.791	-417.77	-59.24	-0.11	5.65	-6.73
-26.0E	9.380	-433.57	-54.11	-15.00	6.96	-6.29
-27.0E	9.870	-447.65	-40.95	-24.69	7.99	-5.79
-28.0	10.207	-460.59	-24.53	-30.08	8.76	-5.24
-29.0	10.369	-472.93	-7.12	-32.23	9.28	-4.62
-30.0	10.352	-485.11	10.48	-31.66	9.58	-3.91

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-25.00	0.0	10.00
-1.0	9.688	-13.58	36.07	-19.16	-0.96	9.64
-2.0	9.263	-28.25	46.85	-9.48	-1.99	9.05
-3.0C	8.749	-44.54	51.74	4.51	-3.11	8.18
-4.0D	8.255	-62.88	42.29	20.22	-4.28	7.06
-5.0	7.930	-83.15	19.90	31.79	-5.47	5.74
-6.0	7.859	-104.42	-6.09	34.32	-6.59	4.29
-7.0	8.042	-125.37	-28.67	27.13	-7.56	2.75
-8.0	8.421	-144.88	-44.06	13.60	-8.33	1.23
-9.0	8.916	-162.43	-51.34	-1.66	-8.91	-0.19
-10.0D	9.444	-178.03	-50.61	-15.11	-9.33	-1.46
-11.0D	9.925	-192.00	-42.54	-24.98	-9.59	-2.57
-12.0C	10.295	-204.79	-29.13	-31.11	-9.68	-3.50
-13.0C	10.512	-216.88	-12.93	-34.09	-9.60	-4.28
-14.0C	10.557	-228.67	4.03	-34.54	-9.33	-4.94
-15.0C	10.433	-240.56	20.06	-32.71	-8.86	-5.51
-16.0D	10.156	-252.93	33.38	-28.60	-8.18	-6.02
-17.0D	9.764	-266.13	42.59	-22.01	-7.30	-6.49
-18.0	9.297	-280.54	48.34	-12.43	-6.20	-6.93
-19.0	8.781	-296.56	52.33	1.04	-4.88	-7.30
-20.0E	8.246	-314.66	50.44	18.44	-3.29	-7.56
-21.0F	7.807	-335.11	32.07	34.99	-1.49	-7.66
-22.0F	7.641	-357.24	-0.74	41.47	0.43	-7.63
-23.0	7.821	-379.29	-33.43	33.42	2.33	-7.47
-24.0F	8.285	-399.53	-54.94	15.65	4.10	-7.20
-25.0F	8.891	-417.24	-60.84	-3.16	5.65	-6.86
-26.0E	9.483	-432.68	-53.24	-17.42	6.94	-6.47
-27.0	9.955	-446.47	-38.35	-26.25	7.94	-6.01
-28.0	10.260	-459.24	-21.00	-30.88	8.68	-5.48
-29.0	10.383	-471.50	-3.05	-32.36	9.18	-4.86
-30.0	10.322	-483.71	15.02	-31.08	9.46	-4.13

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-25.00	0.0	10.00
-1.0	9.689	-13.58	36.07	-19.17	-0.96	9.64
-2.0	9.261	-28.25	47.34	-9.38	-1.99	9.04
-3.0C	8.740	-44.57	52.63	4.91	-3.11	8.17
-4.0D	8.239	-62.97	42.42	20.85	-4.28	7.04
-5.0	7.919	-83.31	18.88	32.22	-5.48	5.72
-6.0	7.862	-104.61	-7.55	34.19	-6.60	4.27
-7.0	8.059	-125.50	-30.02	26.43	-7.58	2.74
-8.0	8.451	-144.89	-45.29	12.49	-8.36	1.23
-9.0	8.959	-162.28	-52.59	-3.02	-8.96	-0.17
-10.0D	9.499	-177.70	-51.64	-16.55	-9.39	-1.42
-11.0D	9.988	-191.49	-42.85	-26.30	-9.67	-2.50
-12.0C	10.356	-204.12	-28.44	-32.16	-9.78	-3.40
-13.0C	10.560	-216.07	-11.28	-34.81	-9.70	-4.17
-14.0C	10.585	-227.77	6.45	-34.90	-9.43	-4.81
-15.0C	10.433	-239.63	22.90	-32.67	-8.95	-5.37
-16.0D	10.128	-252.04	36.00	-28.11	-8.25	-5.88
-17.0	9.713	-265.35	44.29	-21.05	-7.35	-6.36
-18.0	9.234	-279.93	49.13	-11.01	-6.23	-6.81
-19.0	8.711	-296.19	52.83	3.04	-4.89	-7.21
-20.0E	8.174	-314.60	50.04	21.02	-3.27	-7.49
-21.0F	7.753	-335.39	28.95	37.19	-1.44	-7.62
-22.0	7.631	-357.70	-6.00	41.76	0.49	-7.62
-23.0F	7.867	-379.64	-38.77	31.36	2.39	-7.50
-24.0F	8.379	-399.51	-58.60	12.26	4.15	-7.28
-25.0E	9.008	-416.78	-61.61	-6.43	5.67	-7.00
-26.0E	9.593	-431.83	-51.33	-19.75	6.92	-6.65
-27.0	10.037	-445.35	-34.94	-27.59	7.88	-6.21
-28.0	10.303	-457.96	-16.90	-31.42	8.59	-5.69
-29.0	10.382	-470.18	1.46	-32.19	9.06	-5.07
-30.0	10.272	-482.45	19.90	-30.11	9.32	-4.32

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-20.00	0.0	10.00
-1.0	9.700	-13.87	33.67	-14.23	-1.01	9.65
-2.0	9.316	-28.77	41.00	-5.48	-2.09	9.08
-3.0C	8.878	-45.09	43.30	6.26	-3.23	8.27
-4.0D	8.465	-63.08	35.36	18.94	-4.42	7.22
-5.0	8.191	-82.62	16.92	28.20	-5.59	5.98
-6.0	8.135	-102.95	-5.96	29.98	-6.70	4.61
-7.0	8.305	-122.97	-26.53	23.57	-7.68	3.17
-8.0	8.655	-141.74	-40.54	11.79	-8.48	1.73
-9.0D	9.106	-158.81	-46.49	-1.33	-9.10	0.38
-10.0D	9.579	-174.20	-44.72	-12.74	-9.54	-0.85
-11.0D	10.000	-188.18	-36.79	-21.08	-9.81	-1.94
-12.0C	10.318	-201.16	-24.87	-26.33	-9.91	-2.88
-13.0C	10.502	-213.52	-10.95	-28.95	-9.83	-3.71
-14.0C	10.540	-225.62	3.52	-29.35	-9.56	-4.43
-15.0C	10.432	-237.81	17.32	-27.71	-9.11	-5.08
-16.0D	10.192	-250.43	29.11	-24.01	-8.46	-5.68
-17.0D	9.848	-263.79	37.61	-18.09	-7.62	-6.24
-18.0	9.436	-278.21	42.42	-9.75	-6.58	-6.77
-19.0	8.991	-294.01	44.17	1.24	-5.32	-7.25
-20.0E	8.546	-311.47	41.66	14.59	-3.85	-7.63
-21.0E	8.170	-330.74	30.09	27.76	-2.17	-7.88
-22.0F	7.970	-351.47	7.58	35.30	-0.36	-7.96
-23.0F	8.028	-372.56	-18.83	32.78	1.48	-7.89
-24.0F	8.335	-392.69	-39.56	21.35	3.24	-7.68
-25.0E	8.799	-411.00	-49.29	6.50	4.82	-7.36
-26.0E	9.305	-427.36	-48.11	-6.79	6.19	-6.95
-27.0E	9.758	-442.11	-39.54	-16.44	7.31	-6.46
-28.0	10.101	-455.70	-27.23	-22.51	8.19	-5.91
-29.0	10.310	-468.58	-13.39	-25.67	8.85	-5.28
-30.0	10.373	-481.13	1.02	-26.40	9.31	-4.58

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-20.00	0.0	10.00
-1.C	9.700	-13.87	33.67	-14.24	-1.01	9.65
-2.0	9.314	-28.78	41.47	-5.39	-2.09	9.08
-3.CC	8.868	-45.11	44.24	6.65	-3.23	8.26
-4.0D	8.448	-63.18	35.80	19.63	-4.42	7.20
-5.0	8.176	-82.80	16.10	28.80	-5.60	5.96
-6.0	8.133	-103.18	-7.72	30.01	-6.72	4.58
-7.0	8.323	-123.15	-28.65	22.83	-7.71	3.15
-8.C	8.695	-141.79	-42.65	10.38	-8.52	1.73
-9.0D	9.167	-158.66	-48.28	-3.12	-9.16	0.41
-10.0D	9.654	-173.80	-45.77	-14.58	-9.62	-0.79
-11.CC	10.081	-187.55	-36.74	-22.71	-9.91	-1.84
-12.0C	10.392	-200.32	-23.66	-27.59	-10.02	-2.76
-13.0C	10.558	-212.51	-8.73	-29.80	-9.94	-3.56
-14.0C	10.569	-224.52	6.52	-29.75	-9.67	-4.26
-15.0C	10.429	-236.68	20.74	-27.61	-9.21	-4.90
-16.0D	10.154	-249.35	32.31	-23.33	-8.54	-5.50
-17.0D	9.782	-262.85	39.82	-16.82	-7.67	-6.07
-18.0	9.354	-277.51	43.37	-7.93	-6.60	-6.63
-19.0	8.903	-293.60	44.28	3.60	-5.32	-7.14
-20.0E	8.462	-311.41	40.99	17.39	-3.82	-7.55
-21.0E	8.100	-331.05	27.56	30.40	-2.11	-7.82
-22.0F	7.938	-352.05	2.78	36.54	-0.27	-7.93
-23.0F	8.052	-373.17	-24.43	31.80	1.57	-7.90
-24.0F	8.411	-393.05	-44.00	18.66	3.31	-7.73
-25.0E	8.909	-410.95	-51.25	3.33	4.88	-7.46
-26.0E	9.421	-426.90	-47.46	-9.44	6.21	-7.09
-27.0	9.857	-441.33	-37.00	-18.22	7.30	-6.63
-28.0	10.168	-454.70	-23.63	-23.44	8.14	-6.09
-29.0	10.337	-467.47	-9.18	-25.84	8.77	-5.47
-30.0	10.355	-480.03	5.62	-25.83	9.20	-4.75

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-20.00	0.0	10.00
-1.0	9.700	-13.87	33.67	-14.25	-1.01	9.65
-2.0	9.312	-28.78	41.95	-5.30	-2.09	9.08
-3.0C	8.859	-45.14	45.17	7.03	-3.23	8.25
-4.0D	8.431	-63.27	36.18	20.32	-4.42	7.18
-5.0	8.161	-82.98	15.23	29.37	-5.61	5.93
-6.0	8.132	-103.40	-9.48	30.00	-6.74	4.56
-7.0	8.343	-123.32	-30.75	22.04	-7.73	3.13
-8.0	8.736	-141.82	-44.75	8.95	-8.56	1.74
-9.0D	9.228	-158.48	-50.03	-4.90	-9.22	0.44
-10.0D	9.729	-173.39	-46.63	-16.34	-9.70	-0.73
-11.0C	10.158	-186.91	-36.37	-24.19	-10.01	-1.75
-12.0C	10.460	-199.49	-22.09	-28.67	-10.12	-2.63
-13.0C	10.605	-211.55	-6.17	-30.43	-10.04	-3.40
-14.0C	10.586	-223.49	9.80	-29.91	-9.76	-4.09
-15.0C	10.409	-235.66	24.31	-27.22	-9.27	-4.73
-16.0D	10.100	-248.43	35.42	-22.33	-8.58	-5.33
-17.0D	9.702	-262.12	41.68	-15.20	-7.68	-5.93
-18.0	9.261	-277.04	43.90	-5.75	-6.59	-6.51
-19.0	8.810	-293.47	44.05	6.30	-5.28	-7.05
-20.0E	8.375	-311.66	39.80	20.45	-3.74	-7.49
-21.0F	8.036	-331.69	24.07	32.96	-2.00	-7.78
-22.0F	7.922	-352.92	-2.87	37.23	-0.15	-7.92
-23.0F	8.096	-373.97	-30.23	30.11	1.69	-7.92
-24.0F	8.507	-393.50	-47.89	15.49	3.41	-7.79
-25.0E	9.029	-410.96	-52.18	0.12	4.94	-7.56
-26.0E	9.537	-426.51	-45.75	-11.83	6.24	-7.22
-27.0	9.946	-440.64	-33.71	-19.62	7.28	-6.78
-28.0	10.220	-453.84	-19.56	-23.97	8.09	-6.24
-29.0	10.344	-466.56	-4.71	-25.61	8.69	-5.61
-30.0	10.315	-479.17	10.38	-24.80	9.10	-4.87

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-20.00	0.0	10.00
-1.0	9.701	-13.87	33.66	-14.26	-1.01	9.65
-2.0	9.311	-28.78	42.42	-5.20	-2.09	9.07
-3.0C	8.850	-45.16	46.10	7.42	-3.23	8.24
-4.0D	8.414	-63.36	36.52	20.98	-4.42	7.16
-5.0	8.147	-83.15	14.32	29.91	-5.62	5.90
-6.0	8.132	-103.61	-11.25	29.93	-6.75	4.53
-7.0	8.363	-123.48	-32.84	21.22	-7.76	3.12
-8.0	8.778	-141.83	-46.85	7.51	-8.60	1.74
-9.0D	9.290	-158.28	-51.69	-6.65	-9.28	0.47
-10.0D	9.803	-172.97	-47.26	-18.01	-9.78	-0.66
-11.0C	10.232	-186.28	-35.68	-25.52	-10.10	-1.65
-12.0C	10.520	-198.69	-20.20	-29.57	-10.22	-2.50
-13.0C	10.641	-210.64	-3.34	-30.87	-10.13	-3.25
-14.0C	10.589	-222.53	13.28	-29.84	-9.83	-3.93
-15.0C	10.376	-234.75	27.93	-26.57	-9.32	-4.56
-16.0D	10.033	-247.65	38.32	-21.04	-8.59	-5.18
-17.0	9.612	-261.57	43.08	-13.31	-7.67	-5.80
-18.0	9.165	-276.80	44.02	-3.33	-6.55	-6.41
-19.0	8.715	-293.58	43.56	9.21	-5.21	-6.99
-20.0E	8.290	-312.18	38.10	23.60	-3.64	-7.45
-21.0F	7.981	-332.58	19.77	35.26	-1.87	-7.76
-22.0F	7.923	-353.97	-9.04	37.29	-0.01	-7.92
-23.0F	8.159	-374.85	-35.88	27.80	1.82	-7.95
-24.0F	8.615	-393.99	-50.98	12.11	3.52	-7.86
-25.0E	9.153	-410.99	-52.03	-2.91	5.02	-7.66
-26.0E	9.646	-426.17	-43.20	-13.84	6.26	-7.34
-27.0	10.022	-440.05	-29.95	-20.62	7.27	-6.90
-28.C	10.254	-453.13	-15.27	-24.13	8.04	-6.36
-29.C	10.333	-465.84	-0.13	-25.00	8.61	-5.71
-30.C	10.256	-478.57	15.19	-23.35	8.99	-4.93

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-15.00	0.0	10.00
-1.0	9.712	-14.16	31.22	-9.33	-1.06	9.65
-2.0	9.366	-29.29	36.06	-1.35	-2.18	9.11
-3.0C	8.989	-45.67	36.59	8.73	-3.36	8.34
-4.0D	8.646	-63.45	28.79	19.01	-4.56	7.35
-5.0D	8.430	-82.44	12.29	25.93	-5.74	6.18
-6.0	8.408	-101.97	-8.04	26.37	-6.85	4.88
-7.0	8.587	-121.10	-26.22	20.06	-7.83	3.53
-8.0D	8.923	-139.09	-38.29	9.54	-8.65	2.19
-9.0D	9.344	-155.57	-42.77	-1.79	-9.30	0.92
-10.0D	9.774	-170.60	-40.16	-11.43	-9.77	-0.25
-11.0C	10.148	-184.41	-32.24	-18.40	-10.06	-1.31
-12.0C	10.422	-197.37	-21.11	-22.73	-10.18	-2.25
-13.0C	10.574	-209.81	-8.46	-24.79	-10.11	-3.09
-14.0C	10.594	-222.06	4.52	-24.89	-9.87	-3.85
-15.0C	10.484	-234.43	16.76	-23.15	-9.44	-4.56
-16.0D	10.258	-247.20	27.01	-19.58	-8.83	-5.23
-17.0D	9.943	-260.68	33.92	-14.16	-8.02	-5.87
-18.0	9.578	-275.11	36.90	-6.95	-7.04	-6.50
-19.0	9.200	-290.70	36.59	1.86	-5.86	-7.09
-20.0	8.839	-307.60	33.41	11.86	-4.50	-7.61
-21.0E	8.532	-325.85	25.70	21.74	-2.96	-8.00
-22.0E	8.336	-345.25	11.40	28.66	-1.27	-8.24
-23.0E	8.315	-365.18	-7.54	29.49	0.47	-8.30
-24.0F	8.486	-384.76	-25.25	23.55	2.18	-8.20
-25.0E	8.809	-403.22	-36.55	13.37	3.79	-7.95
-26.0E	9.206	-420.21	-39.75	2.53	5.22	-7.58
-27.0E	9.599	-435.80	-36.24	-6.57	6.45	-7.11
-28.0	9.933	-450.25	-28.48	-13.12	7.47	-6.55
-29.0	10.174	-463.89	-18.48	-17.24	8.28	-5.91
-30.0	10.307	-477.06	-7.40	-19.22	8.90	-5.19

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-15.00	0.0	10.00
-1.0	9.712	-14.16	31.22	-9.34	-1.06	9.65
-2.0	9.364	-29.29	36.52	-1.26	-2.18	9.11
-3.0C	8.980	-45.69	37.55	9.11	-3.36	8.33
-4.0D	8.628	-63.54	29.45	19.74	-4.56	7.32
-5.0D	8.411	-82.63	11.79	26.68	-5.74	6.14
-6.0	8.400	-102.23	-9.72	26.64	-6.86	4.85
-7.0D	8.600	-121.35	-28.58	19.55	-7.86	3.50
-8.0D	8.961	-139.23	-40.74	8.30	-8.69	2.18
-9.0D	9.405	-155.52	-44.71	-3.44	-9.36	0.93
-10.0C	9.850	-170.32	-41.06	-13.11	-9.85	-0.21
-11.0C	10.226	-183.91	-31.88	-19.83	-10.15	-1.23
-12.0C	10.491	-196.68	-19.58	-23.78	-10.27	-2.14
-13.0C	10.623	-208.98	-5.97	-25.41	-10.20	-2.95
-14.0C	10.613	-221.16	7.72	-25.03	-9.95	-3.70
-15.0C	10.468	-233.53	20.30	-22.74	-9.50	-4.40
-16.0D	10.207	-246.40	30.22	-18.56	-8.85	-5.08
-17.0D	9.865	-260.06	35.97	-12.53	-8.02	-5.74
-18.0	9.486	-274.76	37.38	-4.85	-7.01	-6.39
-19.0	9.110	-290.66	35.84	4.25	-5.81	-7.02
-20.0	8.761	-307.88	31.93	14.33	-4.42	-7.56
-21.0E	8.473	-326.44	23.41	23.94	-2.85	-7.98
-22.0E	8.306	-346.07	8.04	29.99	-1.15	-8.23
-23.0F	8.323	-366.08	-11.44	29.47	0.60	-8.30
-24.0E	8.532	-385.55	-28.56	22.29	2.31	-8.21
-25.0E	8.881	-403.77	-38.30	11.54	3.89	-7.98
-26.0E	9.286	-420.49	-39.66	0.86	5.30	-7.62
-27.0E	9.671	-435.85	-34.63	-7.67	6.50	-7.16
-28.0	9.982	-450.15	-25.88	-13.57	7.49	-6.59
-29.0	10.194	-463.73	-15.31	-17.04	8.28	-5.94
-30.0	10.292	-476.92	-3.91	-18.38	8.88	-5.21

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-15.00	0.0	10.00
-1.0	9.713	-14.16	31.21	-9.35	-1.06	9.66
-2.0	9.363	-29.29	36.98	-1.17	-2.18	9.11
-3.0C	8.971	-45.72	38.51	9.49	-3.36	8.32
-4.0D	8.610	-63.63	30.06	20.45	-4.56	7.30
-5.0D	8.392	-82.82	11.20	27.39	-5.75	6.11
-6.0	8.393	-102.48	-11.45	26.85	-6.88	4.81
-7.0D	8.615	-121.58	-30.93	18.97	-7.88	3.48
-8.0D	9.001	-139.34	-43.13	7.03	-8.74	2.17
-9.0D	9.467	-155.44	-46.47	-5.05	-9.42	0.95
-10.0C	9.924	-170.02	-41.66	-14.67	-9.92	-0.16
-11.0C	10.300	-183.41	-31.18	-21.08	-10.24	-1.15
-12.0C	10.551	-196.01	-17.75	-24.63	-10.35	-2.03
-13.0C	10.659	-208.20	-3.24	-25.81	-10.28	-2.82
-14.0C	10.618	-220.34	11.08	-24.93	-10.00	-3.56
-15.0C	10.438	-232.75	23.85	-22.07	-9.53	-4.26
-16.0D	10.142	-245.75	33.18	-17.25	-8.85	-4.95
-17.0D	9.776	-259.64	37.49	-10.64	-7.99	-5.63
-18.0	9.391	-274.63	37.25	-2.56	-6.95	-6.31
-19.0	9.022	-290.85	34.65	6.72	-5.73	-6.97
-20.0	8.689	-308.40	30.14	16.77	-4.32	-7.54
-21.0E	8.422	-327.25	20.80	25.95	-2.72	-7.97
-22.0E	8.288	-347.06	4.45	30.97	-1.01	-8.23
-23.0E	8.343	-367.09	-15.27	29.05	0.75	-8.31
-24.0E	8.588	-386.41	-31.41	20.79	2.45	-8.23
-25.0E	8.957	-404.37	-39.36	9.74	4.01	-8.01
-26.0E	9.364	-420.84	-38.89	-0.58	5.39	-7.65
-27.0E	9.733	-436.00	-32.52	-8.46	6.56	-7.19
-28.0	10.018	-450.19	-22.98	-13.66	7.53	-6.61
-29.0	10.198	-463.75	-11.99	-16.48	8.29	-5.94
-30.0	10.261	-477.01	-0.37	-17.18	8.86	-5.18

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-15.00	0.0	10.00
-1.0	9.713	-14.16	31.21	-9.36	-1.06	9.66
-2.0	9.361	-29.30	37.44	-1.08	-2.18	9.10
-3.0C	8.961	-45.74	39.46	9.87	-3.36	8.31
-4.0D	8.592	-63.72	30.63	21.15	-4.56	7.28
-5.0D	8.374	-83.00	10.55	28.06	-5.76	6.08
-6.0	8.389	-102.72	-13.22	26.99	-6.89	4.78
-7.0D	8.632	-121.79	-33.28	18.34	-7.91	3.45
-8.0D	9.042	-139.43	-45.44	5.73	-8.78	2.17
-9.0D	9.528	-155.34	-48.04	-6.62	-9.48	0.97
-10.0C	9.995	-169.71	-41.97	-16.11	-9.99	-0.11
-11.0C	10.367	-182.91	-30.18	-22.17	-10.31	-1.06
-12.0C	10.603	-195.37	-15.67	-25.29	-10.43	-1.92
-13.0C	10.685	-207.48	-0.34	-26.02	-10.34	-2.70
-14.0C	10.612	-219.60	14.52	-24.62	-10.04	-3.43
-15.0C	10.395	-232.08	27.33	-21.16	-9.54	-4.13
-16.0D	10.067	-245.25	35.79	-15.71	-8.83	-4.83
-17.0D	9.683	-259.39	38.41	-8.58	-7.94	-5.54
-18.0	9.297	-274.69	36.58	-0.20	-6.88	-6.26
-19.0	8.940	-291.24	33.15	9.17	-5.63	-6.94
-20.0	8.624	-309.10	28.16	19.08	-4.20	-7.53
-21.0E	8.382	-328.20	18.00	27.70	-2.58	-7.98
-22.0E	8.281	-348.16	0.81	31.59	-0.85	-8.24
-23.0E	8.374	-368.16	-18.82	28.34	0.91	-8.32
-24.0E	8.649	-387.29	-33.69	19.22	2.59	-8.25
-25.0E	9.032	-405.00	-39.76	8.10	4.13	-8.03
-26.0E	9.434	-421.23	-37.58	-1.72	5.49	-7.67
-27.0	9.783	-436.24	-30.09	-8.91	6.63	-7.20
-28.0	10.040	-450.36	-19.95	-13.43	7.56	-6.61
-29.0	10.187	-463.94	-8.64	-15.61	8.30	-5.91
-30.0	10.216	-477.31	3.12	-15.65	8.85	-5.11

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-10.00	0.0	10.00
-1.0	9.725	-14.45	28.72	-4.46	-1.11	9.66
-2.0	9.417	-29.81	31.07	2.73	-2.28	9.14
-3.0C	9.101	-46.24	29.80	11.15	-3.48	8.41
-4.0C	8.830	-63.81	22.10	19.13	-4.70	7.47
-5.0D	8.672	-82.27	7.77	23.96	-5.88	6.37
-6.0D	8.681	-101.04	-9.51	23.45	-6.99	5.15
-7.0D	8.860	-119.40	-24.84	17.65	-7.97	3.88
-8.0D	9.170	-136.74	-34.77	8.67	-8.79	2.61
-9.0D	9.548	-152.80	-38.05	-0.79	-9.45	1.39
-10.0C	9.928	-167.61	-35.32	-8.82	-9.92	0.26
-11.0C	10.256	-181.40	-28.23	-14.68	-10.23	-0.78
-12.0C	10.497	-194.44	-18.56	-18.37	-10.35	-1.73
-13.0C	10.631	-207.03	-7.64	-20.15	-10.31	-2.61
-14.0C	10.652	-219.45	3.54	-20.23	-10.09	-3.42
-15.0C	10.561	-231.97	14.10	-18.72	-9.70	-4.18
-16.0C	10.370	-244.83	22.95	-15.65	-9.13	-4.91
-17.0D	10.102	-258.29	28.82	-11.11	-8.39	-5.62
-18.0D	9.793	-272.54	30.89	-5.32	-7.49	-6.32
-19.0	9.482	-287.72	29.48	1.31	-6.42	-6.98
-20.0	9.199	-303.87	25.62	8.25	-5.19	-7.60
-21.0	8.965	-320.96	19.83	14.80	-3.81	-8.11
-22.0	8.801	-338.84	11.76	19.94	-2.31	-8.49
-23.0E	8.732	-357.23	1.39	22.39	-0.72	-8.70
-24.0E	8.775	-375.69	-9.81	21.30	0.89	-8.73
-25.0E	8.927	-393.76	-19.38	16.97	2.46	-8.58
-26.0E	9.159	-411.08	-25.33	10.69	3.93	-8.27
-27.0E	9.430	-427.47	-27.00	4.04	5.26	-7.83
-28.0E	9.699	-442.96	-24.93	-1.84	6.42	-7.27
-29.0	9.931	-457.68	-20.15	-6.38	7.41	-6.61
-30.0	10.105	-471.82	-13.62	-9.43	8.23	-5.87

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-10.00	0.0	10.00
-1.0	9.725	-14.45	28.72	-4.47	-1.11	9.66
-2.0	9.416	-29.81	31.51	2.82	-2.28	9.14
-3.0C	9.092	-46.26	30.77	11.52	-3.48	8.40
-4.0C	8.811	-63.89	22.98	19.87	-4.70	7.45
-5.0D	8.649	-82.46	7.69	24.84	-5.89	6.33
-6.0D	8.664	-101.33	-10.81	24.03	-7.00	5.11
-7.0D	8.862	-119.72	-26.99	17.58	-7.99	3.84
-8.0D	9.195	-137.01	-37.12	7.93	-8.83	2.58
-9.0D	9.596	-152.94	-39.93	-1.94	-9.50	1.38
-10.0C	9.990	-167.58	-36.23	-10.05	-9.99	0.27
-11.0C	10.321	-181.20	-28.02	-15.74	-10.29	-0.75
-12.0C	10.555	-194.09	-17.32	-19.14	-10.42	-1.68
-13.0C	10.672	-206.57	-5.55	-20.55	-10.37	-2.53
-14.0C	10.668	-218.94	6.28	-20.22	-10.13	-3.33
-15.0C	10.547	-231.46	17.17	-18.22	-9.72	-4.09
-16.0D	10.324	-244.42	25.79	-14.60	-9.13	-4.82
-17.0D	10.032	-258.05	30.64	-9.55	-8.36	-5.55
-18.0D	9.713	-272.54	31.12	-3.42	-7.42	-6.26
-19.0	9.407	-287.98	28.19	3.25	-6.33	-6.96
-20.0	9.142	-304.37	23.42	9.92	-5.09	-7.59
-21.0	8.933	-321.64	17.33	15.97	-3.70	-8.13
-22.0	8.794	-339.62	9.45	20.48	-2.19	-8.52
-23.0E	8.746	-358.01	-0.35	22.35	-0.60	-8.73
-24.0E	8.803	-376.41	-10.72	20.92	1.01	-8.75
-25.0E	8.959	-394.39	-19.35	16.57	2.56	-8.58
-26.0E	9.187	-411.63	-24.44	10.55	4.02	-8.26
-27.0E	9.445	-427.98	-25.49	4.33	5.34	-7.79
-28.0E	9.696	-443.49	-23.05	-1.08	6.49	-7.21
-29.0	9.908	-458.29	-18.11	-5.17	7.47	-6.52
-30.0	10.061	-472.57	-11.59	-7.80	8.27	-5.73

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-10.00	0.0	10.00
-1.0	9.726	-14.45	28.71	-4.48	-1.11	9.66
-2.0	9.414	-29.81	31.95	2.90	-2.28	9.13
-3.0C	9.084	-46.29	31.74	11.88	-3.46	8.39
-4.0C	8.792	-63.98	23.81	20.60	-4.70	7.43
-5.0D	8.626	-82.65	7.51	25.69	-5.89	6.30
-6.0D	8.650	-101.62	-12.20	24.54	-7.01	5.07
-7.0D	8.866	-120.03	-29.18	17.41	-8.01	3.79
-8.0D	9.223	-137.25	-39.43	7.12	-8.86	2.55
-9.0D	9.644	-153.05	-41.63	-3.10	-9.55	1.37
-10.0C	10.051	-167.52	-36.85	-11.22	-10.05	0.28
-11.0C	10.383	-180.97	-27.50	-16.69	-10.36	-0.72
-12.0C	10.605	-193.73	-15.80	-19.76	-10.48	-1.62
-13.0C	10.703	-206.12	-3.24	-20.79	-10.42	-2.46
-14.0C	10.672	-218.46	9.17	-20.01	-10.17	-3.25
-15.0C	10.520	-231.03	20.28	-17.50	-9.73	-4.00
-16.0D	10.268	-244.11	28.43	-13.33	-9.10	-4.75
-17.0D	9.954	-257.94	31.98	-7.79	-8.30	-5.49
-18.0	9.630	-272.69	30.72	-1.43	-7.34	-6.23
-19.0	9.336	-288.39	26.40	5.15	-6.24	-6.95
-20.0	9.094	-305.01	20.92	11.43	-4.98	-7.61
-21.0	8.911	-322.43	14.75	16.89	-3.58	-8.16
-22.0	8.797	-340.46	7.22	20.75	-2.06	-8.55
-23.0E	8.768	-358.83	-1.84	22.10	-0.48	-8.76
-24.0E	8.836	-377.15	-11.22	20.44	1.12	-8.76
-25.0E	8.992	-395.03	-18.86	16.20	2.67	-8.59
-26.0E	9.210	-412.19	-23.15	10.57	4.11	-8.24
-27.0E	9.452	-428.54	-23.70	4.84	5.42	-7.75
-28.0E	9.684	-444.10	-21.04	-0.07	6.55	-7.13
-29.0E	9.875	-459.01	-16.08	-3.71	7.52	-6.40
-30.0	10.008	-473.46	-9.71	-5.93	8.31	-5.57

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-10.00	0.0	10.00
-1.0	9.726	-14.45	28.70	-4.49	-1.11	9.66
-2.0	9.413	-29.81	32.39	2.99	-2.28	9.13
-3.0C	9.075	-46.31	32.70	12.25	-3.48	8.38
-4.0D	8.773	-64.07	24.59	21.33	-4.70	7.40
-5.0D	8.604	-82.84	7.24	26.50	-5.90	6.26
-6.0D	8.637	-101.89	-13.68	24.96	-7.02	5.02
-7.0D	8.873	-120.32	-31.40	17.16	-8.04	3.76
-8.0D	9.254	-137.47	-41.66	6.24	-8.90	2.52
-9.0C	9.694	-153.12	-43.13	-4.26	-9.60	1.36
-10.0C	10.110	-167.43	-37.20	-12.32	-10.11	0.30
-11.0C	10.440	-180.72	-26.70	-17.52	-10.42	-0.68
-12.0C	10.649	-193.36	-14.06	-20.24	-10.53	-1.56
-13.0C	10.725	-205.69	-0.77	-20.88	-10.46	-2.39
-14.0C	10.666	-218.02	12.15	-19.64	-10.19	-3.17
-15.0C	10.483	-230.66	23.34	-16.60	-9.72	-3.93
-16.0D	10.202	-243.89	30.80	-11.88	-9.06	-4.68
-17.0D	9.872	-257.95	32.78	-5.92	-8.23	-5.44
-18.0	9.549	-272.96	29.73	0.58	-7.25	-6.21
-19.0	9.272	-288.92	24.20	6.94	-6.13	-6.96
-20.0	9.055	-305.74	18.26	12.72	-4.86	-7.64
-21.0	8.899	-323.27	12.17	17.53	-3.45	-8.20
-22.0	8.809	-341.33	5.18	20.75	-1.94	-8.59
-23.0E	8.797	-359.64	-2.97	21.66	-0.35	-8.79
-24.0E	8.870	-377.85	-11.26	19.92	1.23	-8.78
-25.0E	9.022	-395.63	-17.90	15.95	2.77	-8.59
-26.0E	9.226	-412.75	-21.50	10.80	4.20	-8.21
-27.0E	9.450	-429.11	-21.71	5.61	5.49	-7.69
-28.0E	9.660	-444.76	-19.00	1.21	6.62	-7.03
-29.0E	9.831	-459.83	-14.21	-2.00	7.58	-6.26
-30.0E	9.946	-474.48	-8.15	-3.86	8.36	-5.39

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-5.00	0.0	10.00
-1.0	9.738	-14.74	26.18	0.40	-1.16	9.67
-2.0	9.469	-30.31	26.02	6.76	-2.37	9.17
-3.0C	9.215	-46.80	22.94	13.52	-3.61	8.48
-4.0C	9.016	-64.14	15.24	19.29	-4.84	7.60
-5.0D	8.919	-82.08	3.07	22.19	-6.03	6.57
-6.0D	8.959	-100.15	-10.86	20.93	-7.13	5.43
-7.0D	9.135	-117.77	-22.93	15.80	-8.10	4.23
-8.0D	9.413	-134.53	-30.53	8.46	-8.91	3.03
-9.0C	9.741	-150.22	-32.81	0.85	-9.56	1.85
-10.0C	10.068	-164.89	-30.36	-5.68	-10.04	0.74
-11.0C	10.350	-178.69	-24.52	-10.55	-10.35	-0.30
-12.0C	10.562	-191.86	-16.61	-13.73	-10.48	-1.27
-13.0C	10.687	-204.62	-7.65	-15.36	-10.46	-2.18
-14.0C	10.718	-217.21	1.60	-15.57	-10.28	-3.04
-15.0C	10.655	-229.85	10.44	-14.45	-9.93	-3.85
-16.0C	10.508	-242.75	17.98	-12.04	-9.43	-4.64
-17.0D	10.296	-256.12	23.16	-8.48	-8.77	-5.40
-18.0D	10.046	-270.10	25.06	-4.04	-7.95	-6.15
-19.0D	9.795	-284.80	23.53	0.81	-6.99	-6.87
-20.0	9.574	-300.21	19.37	5.49	-5.89	-7.54
-21.0	9.404	-316.26	13.72	9.44	-4.68	-8.16
-22.0	9.295	-332.78	7.49	12.21	-3.37	-8.66
-23.0	9.251	-349.58	1.22	13.50	-1.98	-9.04
-24.0	9.269	-366.43	-4.60	13.23	-0.55	-9.25
-25.0	9.342	-383.14	-9.43	11.59	0.88	-9.30
-26.0	9.457	-399.52	-12.79	8.97	2.26	-9.18
-27.0	9.597	-415.48	-14.44	5.87	3.58	-8.90
-28.0	9.746	-430.98	-14.35	2.77	4.80	-8.48
-29.0	9.886	-446.03	-12.73	0.05	5.90	-7.93
-30.0	10.002	-460.71	-9.87	-2.06	6.87	-7.27

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-5.00	0.0	10.00
-1.0	9.738	-14.74	26.17	0.39	-1.16	9.67
-2.0	9.468	-30.31	26.44	6.84	-2.37	9.17
-3.0C	9.207	-46.82	23.90	13.87	-3.61	8.47
-4.0C	8.996	-64.23	16.29	20.03	-4.84	7.58
-5.0D	8.892	-82.28	3.46	23.19	-6.03	6.53
-6.0D	8.933	-100.46	-11.53	21.83	-7.13	5.38
-7.0D	9.120	-118.18	-24.49	16.28	-8.11	4.17
-8.0D	9.417	-134.96	-32.46	8.41	-8.94	2.96
-9.0C	9.764	-150.61	-34.49	0.41	-9.60	1.79
-10.0C	10.104	-165.19	-31.38	-6.27	-10.08	0.69
-11.0C	10.393	-178.89	-24.70	-11.11	-10.39	-0.34
-12.0C	10.603	-191.96	-15.97	-14.13	-10.52	-1.30
-13.0C	10.717	-204.65	-6.31	-15.51	-10.49	-2.19
-14.0C	10.731	-217.21	3.51	-15.41	-10.29	-3.04
-15.0C	10.647	-229.86	12.69	-13.92	-9.93	-3.85
-16.0C	10.477	-242.84	20.17	-11.11	-9.40	-4.64
-17.0D	10.245	-256.33	24.66	-7.17	-8.70	-5.41
-18.0D	9.986	-270.50	25.26	-2.50	-7.86	-6.16
-19.0	9.741	-285.39	22.21	2.28	-6.88	-6.90
-20.0	9.540	-300.96	16.85	6.55	-5.77	-7.59
-21.0	9.399	-317.09	10.60	9.79	-4.56	-8.22
-22.0	9.323	-333.58	4.41	11.73	-3.26	-8.74
-23.0	9.307	-350.24	-1.22	12.28	-1.89	-9.11
-24.0	9.345	-366.88	-5.93	11.54	-0.49	-9.33
-25.0	9.424	-383.31	-9.43	9.80	0.91	-9.38
-26.0	9.533	-399.44	-11.48	7.46	2.27	-9.26
-27.0	9.654	-415.19	-12.04	4.93	3.56	-8.98
-28.0	9.774	-430.58	-11.19	2.58	4.75	-8.54
-29.0	9.879	-445.62	-9.14	0.66	5.84	-7.97
-30.0	9.958	-460.41	-6.17	-0.64	6.80	-7.27

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-5.00	0.0	10.00
-1.0	9.738	-14.74	26.16	0.38	-1.16	9.67
-2.0	9.466	-30.31	26.85	6.92	-2.37	9.16
-3.0C	9.198	-46.84	24.87	14.22	-3.61	8.46
-4.0C	8.977	-64.31	17.31	20.76	-4.85	7.56
-5.0D	8.865	-82.47	3.76	24.15	-6.04	6.49
-6.0D	8.909	-100.77	-12.34	22.66	-7.14	5.32
-7.0D	9.110	-118.56	-26.18	16.63	-8.13	4.11
-8.0D	9.425	-135.35	-34.43	8.23	-8.97	2.90
-9.0C	9.791	-150.95	-36.10	-0.14	-9.63	1.74
-10.0C	10.144	-165.43	-32.20	-6.93	-10.12	0.65
-11.0C	10.437	-179.03	-24.63	-11.67	-10.43	-0.37
-12.0C	10.641	-192.00	-15.08	-14.49	-10.56	-1.31
-13.0C	10.743	-204.63	-4.73	-15.60	-10.52	-2.20
-14.0C	10.738	-217.16	5.63	-15.16	-10.30	-3.03
-15.0C	10.631	-229.85	15.08	-13.27	-9.91	-3.84
-16.0C	10.437	-242.92	22.35	-10.02	-9.35	-4.63
-17.0D	10.187	-256.57	25.93	-5.70	-8.63	-5.41
-18.0D	9.922	-270.93	25.02	-0.87	-7.76	-6.18
-19.0	9.687	-286.03	20.42	3.74	-6.76	-6.94
-20.0	9.511	-301.75	13.96	7.47	-5.65	-7.65
-21.0	9.403	-317.94	7.26	9.93	-4.44	-8.29
-22.0	9.360	-334.37	1.20	10.99	-3.15	-8.81
-23.0	9.374	-350.86	-3.79	10.76	-1.80	-9.20
-24.0	9.433	-367.23	-7.47	9.51	-0.43	-9.42
-25.0	9.522	-383.35	-9.73	7.60	0.93	-9.48
-26.0	9.627	-399.16	-10.54	5.44	2.25	-9.36
-27.0	9.733	-414.65	-9.98	3.37	3.50	-9.08
-28.0	9.827	-429.83	-8.24	1.66	4.66	-8.65
-29.0	9.899	-444.78	-5.54	0.52	5.73	-8.07
-30.0	9.939	-459.58	-2.19	0.07	6.68	-7.35

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	-5.00	0.0	10.00
-1.0	9.739	-14.74	26.16	0.37	-1.16	9.67
-2.0	9.465	-30.32	27.27	7.00	-2.37	9.16
-3.0C	9.190	-46.86	25.83	14.57	-3.61	8.45
-4.0C	8.958	-64.40	18.30	21.49	-4.85	7.53
-5.0D	8.839	-82.66	3.95	25.09	-6.04	6.45
-6.0D	8.887	-101.07	-13.29	23.40	-7.15	5.27
-7.0D	9.102	-118.93	-27.99	16.87	-8.15	4.05
-8.0D	9.438	-135.71	-36.42	7.92	-9.00	2.85
-9.0C	9.822	-151.23	-37.60	-0.76	-9.67	1.70
-10.0C	10.186	-165.61	-32.82	-7.60	-10.17	0.62
-11.0C	10.481	-179.10	-24.31	-12.22	-10.47	-0.38
-12.0C	10.677	-191.99	-13.96	-14.79	-10.60	-1.31
-13.0C	10.764	-204.56	-2.94	-15.60	-10.54	-2.19
-14.0C	10.738	-217.09	7.91	-14.81	-10.30	-3.02
-15.0C	10.606	-229.82	17.56	-12.49	-9.89	-3.83
-16.0C	10.388	-243.01	24.45	-8.79	-9.30	-4.63
-17.0D	10.122	-256.84	26.85	-4.12	-8.55	-5.42
-18.0D	9.856	-271.42	24.28	0.79	-7.66	-6.21
-19.0	9.637	-286.71	18.16	5.10	-6.65	-6.98
-20.0	9.489	-302.57	10.76	8.19	-5.53	-7.71
-21.0	9.416	-318.78	3.74	9.78	-4.32	-8.36
-22.0	9.409	-335.12	-2.12	9.93	-3.05	-8.90
-23.0	9.454	-351.39	-6.51	8.90	-1.73	-9.29
-24.0	9.536	-367.45	-9.31	7.09	-0.40	-9.53
-25.0	9.639	-383.20	-10.54	4.91	0.91	-9.60
-26.0	9.747	-398.63	-10.30	2.75	2.19	-9.50
-27.0	9.845	-413.74	-8.75	0.90	3.39	-9.24
-28.0	9.922	-428.61	-6.09	-0.39	4.52	-8.83
-29.0	9.967	-443.31	-2.53	-0.95	5.56	-8.27
-30.0	9.972	-457.95	1.62	-0.65	6.49	-7.57

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	0.0	0.0	10.00
-1.0	9.751	-15.03	23.59	5.24	-1.21	9.68
-2.0	9.522	-30.82	20.91	10.74	-2.46	9.20
-3.0C	9.331	-47.34	16.01	15.84	-3.74	8.55
-4.0C	9.205	-64.46	8.15	19.49	-4.99	7.74
-5.0C	9.172	-81.90	-2.10	20.56	-6.18	6.78
-6.0C	9.249	-99.26	-12.74	18.56	-7.27	5.72
-7.0C	9.426	-116.16	-21.40	14.00	-8.23	4.60
-8.0C	9.675	-132.30	-26.52	8.12	-9.03	3.46
-9.0C	9.955	-147.59	-27.70	2.20	-9.68	2.34
-10.0C	10.230	-162.05	-25.50	-2.91	-10.15	1.26
-11.0C	10.468	-175.81	-20.83	-6.82	-10.47	0.22
-12.0C	10.650	-189.03	-14.61	-9.47	-10.62	-0.76
-13.0C	10.764	-201.91	-7.53	-10.92	-10.63	-1.70
-14.0C	10.803	-214.61	-0.13	-11.23	-10.49	-2.59
-15.0C	10.768	-227.33	7.05	-10.47	-10.20	-3.45
-16.0C	10.662	-240.22	13.37	-8.68	-9.77	-4.28
-17.0C	10.500	-253.46	18.00	-5.98	-9.18	-5.09
-18.0D	10.303	-267.17	20.07	-2.59	-8.46	-5.88
-19.0D	10.100	-281.43	19.09	1.05	-7.61	-6.64
-20.0D	9.922	-296.23	15.35	4.40	-6.64	-7.38
-21.0	9.792	-311.48	9.77	6.91	-5.57	-8.06
-22.0	9.724	-327.03	3.50	8.19	-4.41	-8.66
-23.0	9.720	-342.68	-2.54	8.11	-3.21	-9.18
-24.0	9.773	-358.25	-7.69	6.80	-1.97	-9.57
-25.0	9.873	-373.56	-11.54	4.55	-0.72	-9.85
-26.0	10.004	-388.51	-13.90	1.75	0.49	-9.99
-27.0	10.152	-403.04	-14.80	-1.22	1.67	-10.01
-28.0	10.302	-417.14	-14.34	-4.07	2.78	-9.92
-29.0	10.441	-430.84	-12.72	-6.58	3.82	-9.72
-30.0	10.559	-444.20	-10.13	-8.61	4.77	-9.42

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	0.0	0.0	10.00
-1.0	9.751	-15.03	23.58	5.23	-1.21	9.68
-2.0	9.521	-30.82	21.30	10.81	-2.46	9.20
-3.0C	9.323	-47.36	16.95	16.17	-3.74	8.54
-4.0C	9.185	-64.54	9.33	20.21	-4.99	7.71
-5.0C	9.142	-82.09	-1.25	21.62	-6.18	6.74
-6.0C	9.214	-99.59	-12.64	19.73	-7.27	5.66
-7.0C	9.394	-116.62	-22.09	15.01	-8.24	4.52
-8.0C	9.652	-132.88	-27.68	8.83	-9.05	3.37
-9.0C	9.945	-148.23	-28.92	2.61	-9.69	2.23
-10.0C	10.231	-162.71	-26.43	-2.68	-10.17	1.14
-11.0C	10.477	-176.47	-21.32	-6.66	-10.48	0.10
-12.0C	10.661	-189.69	-14.60	-9.28	-10.62	-0.89
-13.0C	10.773	-202.56	-7.04	-10.62	-10.62	-1.82
-14.0C	10.805	-215.28	0.75	-10.77	-10.46	-2.71
-15.0C	10.758	-228.03	8.21	-9.80	-10.15	-3.57
-16.0C	10.641	-240.99	14.56	-7.77	-9.69	-4.40
-17.0C	10.468	-254.34	18.81	-4.84	-9.08	-5.21
-18.0D	10.266	-268.17	20.01	-1.35	-8.33	-6.00
-19.0D	10.070	-282.56	17.84	2.17	-7.45	-6.77
-20.0D	9.911	-297.45	12.93	5.09	-6.47	-7.51
-21.0	9.811	-312.72	6.54	6.90	-5.40	-8.19
-22.0	9.778	-328.17	-0.07	7.33	-4.26	-8.80
-23.0	9.810	-343.61	-6.01	6.38	-3.08	-9.31
-24.0	9.897	-358.85	-10.72	4.31	-1.89	-9.71
-25.0	10.024	-373.75	-13.96	1.51	-0.70	-10.00
-26.0	10.177	-388.22	-15.68	-1.64	0.45	-10.17
-27.0	10.340	-402.24	-15.98	-4.80	1.56	-10.22
-28.0	10.499	-415.81	-15.02	-7.71	2.60	-10.17
-29.0	10.643	-428.98	-12.99	-10.23	3.57	-10.03
-30.0	10.762	-441.81	-10.09	-12.24	4.46	-9.79

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	0.0	0.0	10.00
-1.0	9.752	-15.02	23.57	5.22	-1.21	9.68
-2.0	9.519	-30.82	21.70	10.89	-2.46	9.20
-3.0C	9.314	-47.38	17.89	16.50	-3.74	8.53
-4.0C	9.166	-64.62	10.49	20.93	-4.99	7.69
-5.0C	9.112	-82.27	-0.49	22.66	-6.18	6.69
-6.0C	9.180	-99.92	-12.72	20.84	-7.28	5.59
-7.0C	9.366	-117.08	-22.99	15.90	-8.25	4.44
-8.0C	9.636	-133.42	-29.03	9.37	-9.06	3.27
-9.0C	9.943	-148.81	-30.24	2.84	-9.71	2.13
-10.0C	10.240	-163.29	-27.37	-2.63	-10.19	1.04
-11.0C	10.493	-177.03	-21.70	-6.65	-10.49	-0.00
-12.0C	10.679	-190.22	-14.41	-9.20	-10.63	-0.99
-13.0C	10.785	-203.08	-6.34	-10.41	-10.61	-1.92
-14.0C	10.808	-215.80	1.89	-10.36	-10.44	-2.81
-15.0C	10.748	-228.58	9.62	-9.13	-10.10	-3.66
-16.0C	10.616	-241.62	15.95	-6.82	-9.62	-4.50
-17.0C	10.431	-255.07	19.70	-3.65	-8.98	-5.31
-18.0D	10.225	-269.05	19.87	-0.06	-8.20	-6.10
-19.0D	10.037	-283.57	16.40	3.29	-7.31	-6.88
-20.0D	9.899	-298.56	10.30	5.74	-6.32	-7.62
-21.0	9.830	-313.84	3.14	6.82	-5.25	-8.31
-22.0	9.834	-329.19	-3.79	6.37	-4.13	-8.92
-23.0	9.904	-344.42	-9.67	4.55	-2.98	-9.44
-24.0	10.026	-359.32	-14.08	1.73	-1.83	-9.86
-25.0	10.186	-373.79	-16.88	-1.66	-0.71	-10.16
-26.0	10.367	-387.77	-18.14	-5.22	0.38	-10.36
-27.0	10.552	-401.24	-17.97	-8.65	1.41	-10.46
-28.0	10.730	-414.23	-16.55	-11.73	2.37	-10.47
-29.0	10.887	-426.80	-14.06	-14.33	3.25	-10.39
-30.0	11.014	-439.02	-10.69	-16.40	4.07	-10.23

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	0.0	0.0	10.00
-1.0	9.752	-15.02	23.56	5.21	-1.21	9.68
-2.0	9.518	-30.82	22.09	10.96	-2.46	9.19
-3.0C	9.306	-47.40	18.83	16.84	-3.74	8.52
-4.0C	9.147	-64.70	11.63	21.64	-4.99	7.67
-5.0C	9.083	-82.46	0.18	23.69	-6.18	6.65
-6.0C	9.149	-100.24	-12.97	21.88	-7.28	5.53
-7.0C	9.341	-117.51	-24.08	16.67	-8.26	4.37
-8.0C	9.625	-133.92	-30.53	9.74	-9.08	3.19
-9.0C	9.947	-149.33	-31.60	2.89	-9.73	2.05
-10.0C	10.256	-163.79	-28.23	-2.73	-10.21	0.95
-11.0C	10.515	-177.49	-21.94	-6.76	-10.51	-0.09
-12.0C	10.700	-190.65	-14.03	-9.21	-10.65	-1.07
-13.0C	10.799	-203.47	-5.41	-10.24	-10.61	-1.99
-14.0C	10.810	-216.20	3.26	-9.96	-10.42	-2.88
-15.0C	10.735	-229.02	11.25	-8.44	-10.06	-3.74
-16.0C	10.586	-242.14	17.48	-5.82	-9.55	-4.57
-17.0D	10.388	-255.72	20.57	-2.39	-8.88	-5.39
-18.0D	10.179	-269.84	19.54	1.27	-8.08	-6.19
-19.0D	10.002	-284.51	14.65	4.41	-7.17	-6.97
-20.0	9.888	-299.59	7.40	6.31	-6.17	-7.73
-21.0	9.853	-314.87	-0.48	6.59	-5.11	-8.42
-22.0	9.895	-330.12	-7.68	5.24	-4.01	-9.05
-23.0	10.005	-345.10	-13.50	2.56	-2.90	-9.58
-24.0	10.166	-359.65	-17.66	-0.99	-1.80	-10.01
-25.0	10.360	-373.68	-20.10	-4.93	-0.74	-10.33
-26.0	10.571	-387.14	-20.87	-8.87	0.27	-10.57
-27.0	10.782	-400.05	-20.09	-12.50	1.21	-10.71
-28.0D	10.977	-412.46	-17.89	-15.63	2.09	-10.78
-29.0D	11.144	-424.43	-14.49	-18.18	2.89	-10.76
-30.0D	11.270	-436.07	-10.15	-20.10	3.62	-10.67

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	5.00	0.0	10.00
-1.0	9.764	-15.31	20.95	10.07	-1.26	9.68
-2.0	9.575	-31.31	15.74	14.66	-2.56	9.23
-3.0	9.447	-47.87	9.00	18.13	-3.86	8.62
-4.0C	9.396	-64.76	0.79	19.73	-5.13	7.87
-5.0C	9.433	-81.70	-7.98	19.04	-6.33	6.99
-6.0C	9.556	-98.37	-15.82	16.17	-7.42	6.03
-7.0C	9.749	-114.50	-21.41	11.83	-8.37	5.00
-8.0C	9.985	-129.95	-24.13	6.94	-9.17	3.96
-9.0C	10.233	-144.67	-24.05	2.29	-9.81	2.91
-10.0	10.469	-158.73	-21.72	-1.66	-10.30	1.89
-11.0	10.672	-172.21	-17.77	-4.72	-10.63	0.89
-12.0	10.829	-185.26	-12.75	-6.85	-10.83	-0.06
-13.0	10.930	-198.02	-7.08	-8.07	-10.89	-0.99
-14.0	10.972	-210.62	-1.09	-8.41	-10.81	-1.88
-15.0C	10.953	-223.20	4.91	-7.88	-10.60	-2.75
-16.0C	10.873	-235.92	10.48	-6.50	-10.26	-3.60
-17.0C	10.742	-248.90	15.02	-4.32	-9.78	-4.44
-18.0C	10.572	-262.26	17.75	-1.47	-9.17	-5.27
-19.0D	10.387	-276.09	17.92	1.73	-8.43	-6.08
-20.0D	10.216	-290.41	15.24	4.79	-7.57	-6.86
-21.0D	10.084	-305.16	10.13	7.15	-6.61	-7.61
-22.0D	10.013	-320.19	3.58	8.33	-5.58	-8.32
-23.0	10.012	-335.31	-3.27	8.09	-4.49	-8.95
-24.0	10.078	-350.33	-9.51	6.47	-3.37	-9.50
-25.0	10.202	-365.04	-14.49	3.78	-2.25	-9.95
-26.0	10.369	-379.32	-17.90	0.45	-1.15	-10.31
-27.0	10.562	-393.10	-19.63	-3.12	-0.09	-10.56
-28.0	10.765	-406.35	-19.75	-6.56	0.91	-10.73
-29.0D	10.961	-419.10	-18.41	-9.64	1.85	-10.80
-30.0D	11.138	-431.41	-15.84	-12.23	2.71	-10.80

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	5.00	0.0	10.00
-1.0	9.765	-15.31	20.94	10.06	-1.26	9.68
-2.0	9.574	-31.31	16.11	14.73	-2.56	9.23
-3.0	9.440	-47.89	9.90	18.43	-3.86	8.61
-4.0C	9.377	-64.84	2.04	20.41	-5.13	7.85
-5.0C	9.401	-81.88	-6.77	20.10	-6.33	6.95
-6.0C	9.514	-98.70	-14.99	17.50	-7.42	5.96
-7.0C	9.701	-115.00	-21.08	13.25	-8.37	4.90
-8.0C	9.935	-130.62	-24.20	8.32	-9.17	3.83
-9.0C	10.185	-145.51	-24.34	3.57	-9.81	2.75
-10.0C	10.424	-159.71	-22.05	-0.47	-10.28	1.70
-11.0	10.630	-173.34	-18.01	-3.58	-10.61	0.68
-12.0	10.789	-186.51	-12.86	-5.71	-10.78	-0.30
-13.0	10.891	-199.39	-7.04	-6.90	-10.82	-1.24
-14.0	10.932	-212.12	-0.93	-7.16	-10.72	-2.16
-15.0C	10.910	-224.84	5.11	-6.54	-10.48	-3.04
-16.0C	10.829	-237.70	10.57	-5.05	-10.10	-3.90
-17.0C	10.699	-250.83	14.74	-2.80	-9.59	-4.75
-18.0C	10.535	-264.34	16.75	0.00	-8.94	-5.58
-19.0D	10.366	-278.30	15.93	2.95	-8.17	-6.38
-20.0D	10.219	-292.69	12.22	5.51	-7.29	-7.16
-21.0D	10.123	-307.42	6.36	7.11	-6.33	-7.90
-22.0D	10.093	-322.32	-0.49	7.38	-5.31	-8.59
-23.0	10.133	-337.18	-7.19	6.24	-4.24	-9.20
-24.0	10.236	-351.81	-12.92	3.89	-3.17	-9.73
-25.0	10.392	-366.06	-17.17	0.71	-2.11	-10.18
-26.0D	10.582	-379.82	-19.71	-2.85	-1.08	-10.53
-27.0D	10.789	-393.05	-20.51	-6.40	-0.10	-10.79
-28.0D	10.996	-405.76	-19.66	-9.66	0.82	-10.97
-29.0D	11.186	-418.00	-17.35	-12.43	1.67	-11.06
-30.0D	11.346	-429.85	-13.85	-14.63	2.46	-11.08

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	5.00	0.0	10.00
-1.0	9.765	-15.31	20.93	10.04	-1.26	9.68
-2.0	9.573	-31.31	16.48	14.80	-2.56	9.23
-3.0	9.432	-47.91	10.81	18.74	-3.86	8.60
-4.0C	9.358	-64.91	3.28	21.10	-5.13	7.82
-5.0C	9.370	-82.06	-5.62	21.16	-6.33	6.91
-6.0C	9.473	-99.02	-14.30	18.79	-7.42	5.89
-7.0C	9.655	-115.49	-20.97	14.59	-8.37	4.81
-8.0C	9.891	-131.28	-24.55	9.56	-9.17	3.71
-9.0C	10.146	-146.31	-24.89	4.66	-9.81	2.61
-10.0C	10.391	-160.63	-22.58	0.50	-10.28	1.53
-11.0C	10.602	-174.36	-18.39	-2.68	-10.59	0.49
-12.0	10.763	-187.63	-13.02	-4.83	-10.75	-0.51
-13.0	10.866	-200.59	-6.97	-5.97	-10.77	-1.47
-14.0C	10.905	-213.41	-0.67	-6.15	-10.64	-2.39
-15.0C	10.880	-226.23	5.46	-5.42	-10.37	-3.29
-16.0C	10.796	-239.21	10.84	-3.81	-9.96	-4.16
-17.0C	10.664	-252.46	14.63	-1.48	-9.42	-5.00
-18.0C	10.505	-266.10	15.91	1.28	-8.74	-5.83
-19.0D	10.349	-280.17	14.11	3.99	-7.94	-6.63
-20.0D	10.227	-294.62	9.43	6.05	-7.05	-7.41
-21.0D	10.163	-309.32	2.90	6.95	-6.09	-8.14
-22.0D	10.169	-324.08	-4.20	6.43	-5.08	-8.81
-23.0D	10.247	-338.70	-10.76	4.53	-4.04	-9.41
-24.0D	10.385	-352.99	-16.02	1.59	-3.01	-9.94
-25.0D	10.568	-366.81	-19.58	-1.95	-2.01	-10.38
-26.0D	10.779	-380.11	-21.24	-5.64	-1.04	-10.73
-27.0D	10.996	-392.87	-21.02	-9.10	-0.14	-11.00
-28.0D	11.203	-405.12	-19.05	-12.10	0.71	-11.18
-29.0D	11.381	-416.94	-15.61	-14.50	1.49	-11.28
-30.0D	11.518	-428.43	-11.08	-16.26	2.22	-11.30

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	5.00	0.0	10.00
-1.0	9.765	-15.31	20.92	10.03	-1.26	9.68
-2.0	9.572	-31.31	16.85	14.87	-2.56	9.22
-3.0	9.424	-47.92	11.71	19.05	-3.86	8.60
-4.0C	9.340	-64.99	4.51	21.78	-5.13	7.80
-5.0C	9.339	-82.24	-4.54	22.22	-6.33	6.86
-6.0C	9.433	-99.35	-13.77	20.06	-7.42	5.82
-7.0C	9.614	-115.98	-21.10	15.84	-8.38	4.72
-8.0C	9.853	-131.91	-25.15	10.65	-9.18	3.59
-9.0C	10.116	-147.06	-25.68	5.56	-9.81	2.47
-10.0C	10.369	-161.47	-23.29	1.24	-10.28	1.38
-11.0C	10.586	-175.27	-18.85	-2.02	-10.58	0.32
-12.0	10.750	-188.60	-13.18	-4.17	-10.73	-0.69
-13.0	10.853	-201.62	-6.83	-5.26	-10.73	-1.66
-14.0C	10.889	-214.50	-0.27	-5.35	-10.58	-2.59
-15.0C	10.859	-227.40	6.01	-4.47	-10.28	-3.49
-16.0C	10.769	-240.47	11.33	-2.73	-9.85	-4.36
-17.0C	10.634	-253.83	14.74	-0.29	-9.27	-5.21
-18.0C	10.478	-267.59	15.25	2.45	-8.56	-6.04
-19.0D	10.334	-281.75	12.44	4.93	-7.74	-6.84
-20.0D	10.233	-296.25	6.81	6.52	-6.84	-7.61
-21.0D	10.200	-310.92	-0.36	6.77	-5.88	-8.33
-22.0D	10.241	-325.56	-7.69	5.51	-4.88	-9.00
-23.0D	10.354	-339.95	-14.10	2.96	-3.88	-9.60
-24.0D	10.524	-353.92	-18.88	-0.47	-2.89	-10.12
-25.0D	10.733	-367.37	-21.68	-4.27	-1.94	-10.56
-26.0D	10.960	-380.26	-22.34	-7.97	-1.03	-10.91
-27.0D	11.183	-392.61	-20.93	-11.25	-0.19	-11.18
-28.0D	11.382	-404.49	-17.70	-13.91	0.59	-11.37
-29.0D	11.540	-415.98	-13.08	-15.87	1.32	-11.46
-30.0D	11.646	-427.21	-7.57	-17.15	2.00	-11.47

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	10.00	0.0	10.00
-1.0	9.778	-15.60	18.27	14.87	-1.31	9.69
-2.0	9.630	-31.80	10.52	18.53	-2.65	9.26
-3.0	9.566	-48.39	1.93	20.37	-3.99	8.69
-4.0	9.591	-65.05	-6.84	20.03	-5.28	8.01
-5.00	9.702	-81.50	-14.71	17.61	-6.49	7.22
-6.00	9.885	-97.46	-20.62	13.71	-7.57	6.35
-7.0	10.116	-112.79	-24.06	9.11	-8.52	5.45
-8.0	10.369	-127.41	-25.08	4.51	-9.33	4.53
-9.0	10.622	-141.34	-24.10	0.37	-9.99	3.61
-10.0	10.857	-154.65	-21.66	-3.11	-10.51	2.71
-11.0	11.061	-167.44	-18.19	-5.88	-10.91	1.84
-12.0	11.227	-179.82	-14.02	-7.95	-11.18	1.00
-13.0	11.346	-191.89	-9.35	-9.35	-11.34	0.19
-14.0	11.417	-203.76	-4.32	-10.10	-11.40	-0.60
-15.0	11.434	-215.55	1.00	-10.19	-11.35	-1.37
-16.0	11.396	-227.37	6.50	-9.59	-11.19	-2.14
-17.0	11.301	-239.33	12.05	-8.24	-10.92	-2.90
-18.0	11.150	-251.57	17.30	-6.06	-10.53	-3.66
-19.00	10.950	-264.21	21.64	-3.04	-10.01	-4.44
-20.00	10.714	-277.39	24.05	0.75	-9.35	-5.22
-21.00	10.468	-291.19	23.41	4.96	-8.57	-6.01
-22.00	10.248	-305.62	19.16	8.96	-7.66	-6.80
-23.00	10.087	-320.60	11.79	11.96	-6.66	-7.57
-24.00	10.012	-335.92	2.65	13.25	-5.59	-8.31
-25.0	10.034	-351.31	-6.72	12.53	-4.47	-8.98
-26.0	10.146	-366.47	-15.07	9.94	-3.34	-9.58
-27.0	10.336	-381.17	-21.59	6.03	-2.22	-10.09
-28.00	10.580	-395.25	-25.87	1.45	-1.15	-10.52
-29.00	10.857	-408.64	-27.80	-3.17	-0.15	-10.86
-30.00	11.141	-421.33	-27.45	-7.38	0.78	-11.11

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	10.00	0.0	10.00
-1.0	9.778	-15.60	18.26	14.86	-1.31	9.69
-2.0	9.629	-31.80	10.86	18.60	-2.65	9.26
-3.0	9.558	-48.40	2.78	20.65	-3.99	8.69
-4.00	9.573	-65.12	-5.60	20.65	-5.28	7.98
-5.00	9.671	-81.66	-13.30	18.61	-6.48	7.17
-6.00	9.839	-97.77	-19.28	15.04	-7.57	6.28
-7.0	10.057	-113.28	-22.88	10.68	-8.52	5.34
-8.0	10.299	-128.11	-24.08	6.24	-9.32	4.38
-9.0	10.542	-142.27	-23.24	2.20	-9.97	3.42
-10.0	10.769	-155.82	-20.88	-1.20	-10.48	2.47
-11.0	10.966	-168.86	-17.48	-3.89	-10.86	1.56
-12.0	11.124	-181.50	-13.35	-5.88	-11.10	0.67
-13.0	11.237	-193.84	-8.73	-7.17	-11.24	-0.20
-14.0	11.301	-205.99	-3.72	-7.79	-11.25	-1.03
-15.0	11.313	-218.08	1.56	-7.73	-11.16	-1.85
-16.0	11.269	-230.21	6.99	-6.93	-10.95	-2.66
-17.0	11.170	-242.51	12.32	-5.36	-10.62	-3.46
-18.00	11.019	-255.10	17.06	-2.98	-10.16	-4.25
-19.00	10.826	-268.12	20.33	0.15	-9.57	-5.05
-20.00	10.612	-281.65	21.05	3.77	-8.85	-5.85
-21.00	10.407	-295.74	18.37	7.36	-8.02	-6.64
-22.00	10.248	-310.34	12.35	10.20	-7.08	-7.41
-23.00	10.162	-325.28	4.10	11.60	-6.07	-8.15
-24.00	10.166	-340.32	-4.88	11.19	-5.01	-8.85
-25.00	10.260	-355.20	-13.21	9.01	-3.94	-9.47
-26.00	10.431	-369.68	-19.95	5.49	-2.87	-10.03
-27.00	10.660	-383.59	-24.54	1.25	-1.85	-10.50
-28.00	10.925	-396.85	-26.76	-3.11	-0.89	-10.89
-29.00	11.200	-409.45	-26.59	-7.13	0.01	-11.20
-30.00	11.461	-421.45	-24.24	-10.51	0.83	-11.43

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	10.00	0.0	10.00
-1.0	9.779	-15.60	18.25	14.85	-1.31	9.69
-2.0	9.628	-31.80	11.21	18.66	-2.65	9.26
-3.0	9.551	-48.42	3.63	20.94	-3.99	8.68
-4.00	9.555	-65.19	-4.35	21.28	-5.28	7.96
-5.00	9.639	-81.83	-11.92	19.63	-6.48	7.13
-6.00	9.794	-98.09	-17.99	16.38	-7.57	6.21
-7.00	9.999	-113.78	-21.82	12.25	-8.52	5.24
-8.0	10.232	-128.81	-23.23	7.95	-9.31	4.24
-9.0	10.467	-143.19	-22.54	3.99	-9.95	3.24
-10.0	10.687	-156.97	-20.25	0.66	-10.45	2.25
-11.0	10.878	-170.26	-16.85	-1.96	-10.80	1.28
-12.0	11.029	-183.14	-12.70	-3.84	-11.02	0.34
-13.0	11.136	-195.74	-8.03	-5.01	-11.12	-0.56
-14.0	11.192	-208.17	-2.99	-5.47	-11.10	-1.45
-15.0	11.196	-220.55	2.28	-5.21	-10.96	-2.31
-16.0	11.146	-233.00	7.57	-4.19	-10.69	-3.15
-17.00	11.042	-245.64	12.49	-2.39	-10.30	-3.99
-18.00	10.894	-258.60	16.33	0.13	-9.77	-4.81
-19.00	10.716	-271.98	18.08	3.18	-9.12	-5.63
-20.00	10.534	-285.82	16.78	6.33	-8.34	-6.43
-21.00	10.384	-300.12	12.17	8.96	-7.47	-7.21
-22.00	10.294	-314.75	4.96	10.40	-6.52	-7.97
-23.00	10.286	-329.50	-3.43	10.21	-5.52	-8.68
-24.00	10.364	-344.14	-11.59	8.37	-4.50	-9.34
-25.00	10.519	-358.42	-18.39	5.21	-3.48	-9.93
-26.00	10.733	-372.19	-23.16	1.30	-2.50	-10.44
-27.00	10.984	-385.36	-25.52	-2.79	-1.57	-10.87
-28.00	11.246	-397.90	-25.42	-6.57	-0.70	-11.22
-29.00	11.496	-409.88	-23.06	-9.75	0.09	-11.50
-30.00	11.712	-421.37	-18.86	-12.21	0.83	-11.68

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	10.00	0.0	10.00
-1.0	9.779	-15.60	18.23	14.84	-1.31	9.69
-2.0	9.627	-31.80	11.55	18.72	-2.65	9.25
-3.0	9.544	-48.44	4.48	21.22	-3.99	8.67
-4.00	9.537	-65.26	-3.10	21.91	-5.28	7.94
-5.00	9.607	-82.00	-10.56	20.65	-6.48	7.09
-6.00	9.749	-98.40	-16.79	17.72	-7.57	6.14
-7.00	9.943	-114.27	-20.91	13.80	-8.51	5.14
-8.00	10.168	-129.51	-22.59	9.61	-9.30	4.10
-9.0	10.398	-144.10	-22.08	5.70	-9.94	3.06
-10.0	10.614	-158.10	-19.85	2.40	-10.42	2.03
-11.0	10.800	-171.60	-16.44	-0.16	-10.75	1.02
-12.0	10.947	-184.71	-12.22	-1.97	-10.95	0.04
-13.0	11.048	-197.55	-7.48	-3.02	-11.01	-0.91
-14.0	11.099	-210.23	-2.39	-3.33	-10.95	-1.83
-15.0	11.097	-222.87	2.84	-2.88	-10.76	-2.72
-16.00	11.041	-235.61	7.89	-1.67	-10.44	-3.60
-17.00	10.938	-248.55	12.20	0.26	-9.99	-4.46
-18.00	10.797	-261.81	14.91	2.78	-9.40	-5.30
-19.00	10.642	-275.47	15.04	5.53	-8.70	-6.13
-20.00	10.501	-289.52	11.99	8.00	-7.89	-6.93
-21.00	10.406	-303.90	6.08	9.54	-6.99	-7.71
-22.00	10.382	-318.43	-1.55	9.69	-6.04	-8.44
-23.00	10.439	-332.89	-9.46	8.28	-5.07	-9.13
-24.00	10.572	-347.07	-16.38	5.54	-4.09	-9.75
-25.00	10.767	-360.80	-21.44	1.97	-3.14	-10.30
-26.00	11.003	-373.96	-24.14	-1.86	-2.23	-10.77
-27.00	11.253	-386.54	-24.33	-5.46	-1.38	-11.17
-28.00	11.492	-398.58	-22.20	-8.51	-0.58	-11.48
-29.00	11.700	-410.14	-18.16	-10.87	0.15	-11.70
-30.00	11.859	-421.35	-12.79	-12.50	0.84	-11.83

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	15.00	0.0	10.00
-1.0	9.792	-15.88	15.55	19.66	-1.36	9.70
-2.0	9.685	-32.29	5.24	22.36	-2.75	9.29
-3.0	9.685	-48.89	-5.21	22.59	-4.12	8.77
-4.0	9.788	-65.33	-14.74	20.38	-5.43	8.14
-5.0	9.980	-81.29	-22.30	16.31	-6.64	7.45
-6.0	10.236	-96.56	-27.33	11.24	-7.74	6.70
-7.0	10.530	-111.04	-29.91	5.97	-8.70	5.94
-8.0	10.841	-124.71	-30.52	1.00	-9.52	5.18
-9.0	11.150	-137.63	-29.71	-3.43	-10.22	4.46
-10.0	11.445	-149.86	-27.90	-7.26	-10.81	3.77
-11.0	11.718	-161.49	-25.35	-10.51	-11.29	3.14
-12.0	11.962	-172.61	-22.20	-13.25	-11.69	2.55
-13.0	12.170	-183.31	-18.50	-15.51	-12.00	2.01
-14.0	12.338	-193.67	-14.32	-17.32	-12.24	1.52
-15.0	12.462	-203.77	-9.72	-18.67	-12.42	1.06
-16.0	12.536	-213.71	-4.81	-19.58	-12.52	0.62
-17.0	12.560	-223.56	0.30	-20.01	-12.56	0.20
-18.0	12.530	-233.41	5.49	-19.96	-12.53	-0.22
-19.0	12.447	-243.33	10.69	-19.42	-12.43	-0.66
-20.0	12.311	-253.42	15.90	-18.36	-12.26	-1.12
-21.0	12.122	-263.77	21.17	-16.73	-12.01	-1.61
-22.0	11.878	-274.49	26.63	-14.38	-11.68	-2.16
-23.0	11.576	-285.72	32.32	-11.09	-11.24	-2.76
-24.0	11.217	-297.62	37.81	-6.56	-10.68	-3.42
-25.0C	10.808	-310.37	41.68	-0.53	-9.98	-4.16
-26.0C	10.379	-324.18	41.40	6.83	-9.12	-4.95
-27.0D	9.983	-339.14	34.90	14.61	-8.12	-5.81
-28.0	9.685	-355.18	22.65	21.17	-7.00	-6.69
-29.0	9.530	-371.98	7.27	24.77	-5.79	-7.57
-30.0	9.537	-389.03	-8.46	24.43	-4.52	-8.40

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	15.00	0.0	10.00
-1.0	9.792	-15.88	15.53	19.65	-1.36	9.70
-2.0	9.684	-32.29	5.56	22.41	-2.75	9.29
-3.0	9.679	-48.91	-4.43	22.84	-4.12	8.76
-4.0	9.772	-65.39	-13.57	20.93	-5.43	8.13
-5.0	9.950	-81.44	-20.90	17.19	-6.64	7.41
-6.0	10.191	-96.83	-25.85	12.43	-7.73	6.64
-7.0	10.471	-111.48	-28.47	7.38	-8.69	5.84
-8.0	10.767	-125.35	-29.19	2.57	-9.51	5.04
-9.0	11.063	-138.47	-28.58	-1.78	-10.20	4.27
-10.0	11.349	-150.93	-27.08	-5.58	-10.78	3.54
-11.0	11.615	-162.79	-24.97	-8.87	-11.26	2.85
-12.0	11.858	-174.13	-22.38	-11.69	-11.65	2.22
-13.0	12.071	-185.04	-19.35	-14.08	-11.96	1.64
-14.0	12.252	-195.58	-15.90	-16.08	-12.20	1.10
-15.0	12.395	-205.83	-12.05	-17.68	-12.38	0.61
-16.0	12.497	-215.87	-7.85	-18.89	-12.50	0.15
-17.0	12.555	-225.77	-3.37	-19.69	-12.55	-0.28
-18.0	12.566	-235.60	1.30	-20.05	-12.55	-0.70
-19.0	12.528	-245.45	6.08	-19.98	-12.48	-1.12
-20.0	12.441	-255.37	10.95	-19.44	-12.34	-1.55
-21.0	12.303	-265.47	15.96	-18.39	-12.14	-2.00
-22.0	12.113	-275.83	21.24	-16.75	-11.86	-2.48
-23.0	11.867	-286.56	26.97	-14.35	-11.48	-3.00
-24.0	11.560	-297.81	33.19	-10.92	-11.00	-3.57
-25.0	11.189	-309.76	39.28	-6.13	-10.37	-4.19
-26.0C	10.764	-322.60	43.31	0.27	-9.60	-4.87
-27.0D	10.321	-336.55	42.19	7.98	-8.66	-5.62
-28.0D	9.925	-351.70	34.06	15.85	-7.58	-6.41
-29.0	9.643	-367.90	20.40	22.08	-6.39	-7.22
-30.0	9.515	-384.79	4.45	25.04	-5.12	-8.02

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	15.00	0.0	10.00
-1.0	9.793	-15.88	15.52	19.63	-1.36	9.70
-2.0	9.683	-32.29	5.88	22.47	-2.75	9.29
-3.0	9.672	-48.92	-3.65	23.09	-4.12	8.75
-4.0	9.755	-65.45	-12.39	21.49	-5.43	8.11
-5.0	9.920	-81.58	-19.48	18.09	-6.64	7.37
-6.0	10.146	-97.11	-24.34	13.64	-7.73	6.57
-7.0	10.410	-111.93	-26.95	8.85	-8.69	5.74
-8.0	10.691	-126.00	-27.72	4.23	-9.50	4.90
-9.0	10.973	-139.35	-27.20	0.03	-10.19	4.08
-10.0	11.245	-152.06	-25.86	-3.69	-10.75	3.30
-11.0	11.500	-164.18	-24.00	-6.92	-11.21	2.55
-12.0	11.734	-175.79	-21.77	-9.73	-11.59	1.86
-13.0	11.944	-186.96	-19.24	-12.16	-11.88	1.22
-14.0	12.127	-197.75	-16.40	-14.24	-12.11	0.63
-15.0	12.279	-208.24	-13.25	-15.98	-12.28	0.09
-16.0	12.397	-218.49	-9.78	-17.38	-12.39	-0.42
-17.0	12.478	-228.56	-6.03	-18.43	-12.45	-0.89
-18.0	12.519	-238.51	-2.03	-19.12	-12.45	-1.34
-19.0	12.518	-248.42	2.19	-19.41	-12.39	-1.77
-20.0	12.474	-258.35	6.59	-19.29	-12.28	-2.20
-21.0	12.383	-268.38	11.24	-18.71	-12.10	-2.63
-22.0	12.243	-278.58	16.23	-17.61	-11.85	-3.08
-23.0	12.049	-289.06	21.77	-15.85	-11.51	-3.55
-24.0	11.795	-299.94	28.03	-13.22	-11.08	-4.05
-25.0	11.473	-311.36	34.86	-9.41	-10.51	-4.59
-26.0C	11.084	-323.54	41.11	-4.09	-9.80	-5.18
-27.0C	10.644	-336.69	43.97	2.82	-8.92	-5.81
-28.0D	10.207	-350.99	40.18	10.68	-7.88	-6.49
-29.0D	9.847	-366.46	29.28	17.99	-6.71	-7.21
-30.0	9.622	-382.85	14.25	22.94	-5.44	-7.93

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	15.00	0.0	10.00
-1.0	9.793	-15.88	15.50	19.62	-1.36	9.70
-2.0	9.682	-32.29	6.20	22.52	-2.74	9.29
-3.0	9.666	-48.94	-2.86	23.35	-4.12	8.75
-4.0	9.738	-65.51	-11.20	22.05	-5.43	8.09
-5.0	9.889	-81.73	-18.05	19.01	-6.64	7.33
-6.0	10.100	-97.40	-22.81	14.89	-7.73	6.50
-7.0	10.349	-112.39	-25.40	10.38	-8.68	5.63
-8.0	10.614	-126.67	-26.18	5.98	-9.49	4.76
-9.0	10.880	-140.26	-25.65	1.96	-10.16	3.89
-10.0	11.136	-153.23	-24.31	-1.60	-10.71	3.05
-11.0	11.375	-165.64	-22.49	-4.70	-11.15	2.24
-12.0	11.595	-177.55	-20.37	-7.39	-11.50	1.49
-13.0	11.791	-189.05	-18.04	-9.71	-11.77	0.78
-14.0	11.963	-200.17	-15.51	-11.71	-11.96	0.12
-15.0	12.108	-211.00	-12.78	-13.41	-12.10	-0.50
-16.0	12.224	-221.59	-9.82	-14.80	-12.18	-1.07
-17.0	12.308	-231.99	-6.61	-15.88	-12.20	-1.61
-18.0	12.358	-242.26	-3.15	-16.63	-12.18	-2.12
-19.0	12.371	-252.46	0.59	-17.03	-12.09	-2.61
-20.0	12.345	-262.67	4.65	-17.03	-11.95	-3.08
-21.0	12.275	-272.94	9.11	-16.57	-11.75	-3.55
-22.0	12.157	-283.36	14.13	-15.56	-11.47	-4.02
-23.0	11.984	-294.04	19.87	-13.85	-11.10	-4.51
-24.0	11.747	-305.09	26.43	-11.22	-10.63	-5.01
-25.0	11.441	-316.67	33.46	-7.39	-10.02	-5.53
-26.0C	11.067	-328.99	39.42	-2.10	-9.25	-6.08
-27.0C	10.649	-342.25	41.25	4.55	-8.31	-6.65
-28.0D	10.247	-356.60	36.06	11.70	-7.23	-7.26
-29.0	9.934	-371.97	24.28	17.81	-6.04	-7.89
-30.0	9.761	-388.09	9.30	21.32	-4.77	-8.52

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	20.00	0.0	10.00
-1.0	9.806	-16.17	12.78	24.43	-1.41	9.70
-2.0	9.741	-32.77	-0.08	26.13	-2.84	9.32
-3.0	9.806	-49.38	-12.40	24.77	-4.24	8.84
-4.0	9.988	-65.59	-22.88	20.80	-5.58	8.29
-5.0	10.264	-81.08	-30.66	15.18	-6.81	7.68
-6.0	10.606	-95.67	-35.70	8.95	-7.91	7.07
-7.0	10.987	-109.29	-38.46	2.85	-8.88	6.47
-8.0	11.387	-121.98	-39.50	-2.75	-9.73	5.92
-9.0	11.790	-133.79	-39.11	-7.69	-10.47	5.43
-10.0B	12.182	-144.82	-37.33	-12.00	-11.10	5.01
-11.0B	12.548	-155.16	-34.05	-15.72	-11.65	4.67
-12.0B	12.873	-164.95	-29.26	-18.91	-12.10	4.40
-13.0B	13.142	-174.28	-23.07	-21.55	-12.46	4.18
-14.0A	13.341	-183.28	-15.76	-23.56	-12.73	4.00
-15.0A	13.462	-192.07	-7.71	-24.79	-12.90	3.84
-16.0A	13.498	-200.76	0.67	-25.14	-12.99	3.68
-17.0A	13.448	-209.46	8.96	-24.59	-12.99	3.49
-18.0B	13.316	-218.27	16.73	-23.23	-12.91	3.25
-19.0B	13.109	-227.32	23.59	-21.24	-12.77	2.94
-20.0B	12.838	-236.70	29.24	-18.80	-12.58	2.56
-21.0B	12.515	-246.52	33.62	-15.99	-12.34	2.09
-22.0	12.154	-256.88	37.00	-12.75	-12.06	1.51
-23.0	11.760	-267.89	39.88	-8.82	-11.73	0.83
-24.0	11.338	-279.70	42.63	-3.82	-11.34	0.03
-25.0	10.891	-292.46	44.67	2.61	-10.85	-0.89
-26.0C	10.434	-306.33	43.77	10.51	-10.25	-1.93
-27.0D	10.016	-321.45	36.84	18.97	-9.53	-3.07
-28.0D	9.705	-337.72	22.90	26.00	-8.71	-4.29
-29.0	9.563	-354.76	4.46	29.31	-7.80	-5.53
-30.0	9.616	-371.94	-14.57	27.68	-6.84	-6.76

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	20.00	0.0	10.00
-1.0	9.806	-16.17	12.76	24.41	-1.41	9.70
-2.0	9.740	-32.77	0.21	26.18	-2.84	9.32
-3.0	9.800	-49.40	-11.70	24.99	-4.24	8.83
-4.0	9.973	-65.64	-21.85	21.27	-5.58	8.27
-5.0	10.238	-81.20	-29.46	15.90	-6.80	7.65
-6.0	10.567	-95.90	-34.51	9.85	-7.91	7.01
-7.0	10.937	-109.65	-37.50	3.84	-8.88	6.39
-8.0	11.329	-122.47	-38.97	-1.77	-9.73	5.80
-9.0	11.730	-134.41	-39.23	-6.82	-10.47	5.29
-10.0B	12.127	-145.56	-38.21	-11.31	-11.12	4.85
-11.0B	12.506	-155.99	-35.69	-15.24	-11.67	4.49
-12.0B	12.851	-165.83	-31.48	-18.67	-12.14	4.21
-13.0B	13.145	-175.17	-25.60	-21.58	-12.53	3.99
-14.0A	13.370	-184.16	-18.32	-23.86	-12.81	3.82
-15.0A	13.516	-192.89	-10.06	-25.37	-13.01	3.67
-16.0A	13.574	-201.49	-1.30	-25.95	-13.11	3.53
-17.0A	13.543	-210.08	7.47	-25.54	-13.12	3.37
-18.0B	13.423	-218.77	15.74	-24.24	-13.05	3.16
-19.0B	13.224	-227.67	23.02	-22.25	-12.90	2.89
-20.0B	12.957	-236.89	28.93	-19.81	-12.70	2.54
-21.0B	12.637	-246.53	33.34	-17.04	-12.46	2.11
-22.0	12.279	-256.69	36.51	-13.94	-12.18	1.57
-23.0	11.893	-267.47	39.13	-10.29	-11.86	0.93
-24.0	11.479	-279.00	41.90	-5.68	-11.48	0.17
-25.0	11.035	-291.42	44.73	0.34	-11.01	-0.70
-26.0C	10.570	-304.93	45.65	8.02	-10.43	-1.70
-27.0C	10.121	-319.70	40.96	16.77	-9.72	-2.81
-28.0D	9.760	-335.71	28.32	24.73	-8.90	-4.00
-29.0	9.562	-352.66	9.77	29.35	-8.00	-5.24
-30.0	9.565	-369.93	-10.37	28.90	-7.04	-6.48

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	20.00	0.0	10.00
-1.0	9.807	-16.17	12.74	24.40	-1.41	9.71
-2.0	9.739	-32.77	0.50	26.23	-2.84	9.32
-3.0	9.794	-49.41	-11.00	25.22	-4.24	8.83
-4.0	9.959	-65.70	-20.80	21.74	-5.58	8.25
-5.0	10.211	-81.33	-28.22	16.63	-6.80	7.61
-6.0	10.527	-96.13	-33.24	10.80	-7.90	6.95
-7.0	10.885	-110.01	-36.36	4.92	-8.88	6.30
-8.0	11.267	-122.98	-38.18	-0.67	-9.73	5.68
-9.0	11.662	-135.08	-39.02	-5.80	-10.47	5.13
-10.0	12.061	-146.36	-38.77	-10.43	-11.12	4.66
-11.0B	12.451	-156.91	-37.09	-14.58	-11.69	4.28
-12.0B	12.814	-166.82	-33.60	-18.24	-12.18	3.98
-13.0B	13.131	-176.21	-28.20	-21.42	-12.58	3.76
-14.0A	13.385	-185.19	-21.08	-24.00	-12.89	3.59
-15.0A	13.558	-193.89	-12.69	-25.81	-13.11	3.46
-16.0A	13.642	-202.43	-3.58	-26.65	-13.23	3.33
-17.0A	13.631	-210.92	5.68	-26.44	-13.25	3.20
-18.0A	13.527	-219.49	14.49	-25.23	-13.19	3.02
-19.0B	13.338	-228.25	22.29	-23.25	-13.04	2.78
-20.0B	13.076	-237.31	28.58	-20.78	-12.84	2.47
-21.0B	12.759	-246.78	33.11	-18.02	-12.59	2.07
-22.0	12.404	-256.75	36.14	-15.02	-12.30	1.57
-23.0	12.023	-267.31	38.42	-11.60	-11.98	0.97
-24.0	11.617	-278.58	40.96	-7.37	-11.61	0.26
-25.0	11.182	-290.69	44.17	-1.81	-11.17	-0.57
-26.0C	10.716	-303.83	46.61	5.49	-10.61	-1.52
-27.0C	10.245	-318.21	44.35	14.30	-9.91	-2.59
-28.0D	9.839	-333.90	33.65	23.00	-9.10	-3.75
-29.0D	9.583	-350.68	15.48	28.90	-8.19	-4.98
-30.0	9.531	-367.99	-5.51	29.81	-7.23	-6.21

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	20.00	0.0	10.00
-1.0	9.807	-16.16	12.72	24.39	-1.41	9.71
-2.0	9.739	-32.77	0.79	26.28	-2.84	9.32
-3.0	9.788	-49.42	-10.30	25.44	-4.24	8.82
-4.0	9.944	-65.75	-19.74	22.22	-5.58	8.23
-5.0	10.184	-81.46	-26.93	17.39	-6.80	7.58
-6.0	10.487	-96.37	-31.87	11.80	-7.90	6.89
-7.0	10.830	-110.39	-35.06	6.07	-8.87	6.21
-8.0	11.200	-123.52	-37.12	0.56	-9.72	5.56
-9.0	11.587	-135.78	-38.43	-4.60	-10.47	4.97
-10.0	11.983	-147.23	-38.91	-9.35	-11.12	4.47
-11.0B	12.378	-157.92	-38.13	-13.68	-11.70	4.05
-12.0B	12.757	-167.95	-35.54	-17.58	-12.20	3.73
-13.0B	13.098	-177.41	-30.83	-21.02	-12.63	3.48
-14.0B	13.381	-186.42	-24.07	-23.92	-12.96	3.31
-15.0A	13.585	-195.10	-15.70	-26.07	-13.21	3.18
-16.0A	13.698	-203.59	-6.32	-27.24	-13.35	3.08
-17.0A	13.713	-212.00	3.40	-27.29	-13.39	2.96
-18.0A	13.630	-220.46	12.80	-26.24	-13.34	2.82
-19.0B	13.455	-229.08	21.21	-24.30	-13.20	2.62
-20.0B	13.201	-237.99	28.02	-21.79	-12.99	2.34
-21.0B	12.898	-247.28	32.85	-19.01	-12.74	1.98
-22.0B	12.536	-257.05	35.83	-16.07	-12.44	1.52
-23.0	12.159	-267.39	37.79	-12.85	-12.12	0.96
-24.0	11.762	-278.40	39.92	-8.98	-11.76	0.30
-25.0	11.339	-290.20	43.12	-3.93	-11.33	-0.48
-26.0C	10.879	-302.96	46.67	2.85	-10.79	-1.38
-27.0C	10.395	-316.91	46.94	11.47	-10.12	-2.40
-28.0D	9.948	-332.21	38.91	20.69	-9.30	-3.52
-29.0D	9.631	-348.73	21.84	27.86	-8.40	-4.72
-30.0	9.516	-365.99	0.35	30.33	-7.43	-5.95

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	25.00	0.0	10.00
-1.0	9.820	-16.45	9.96	29.18	-1.46	9.71
-2.0	9.798	-33.25	-5.45	29.85	-2.93	9.35
-3.0	9.928	-49.87	-19.64	26.94	-4.37	8.91
-4.0	10.190	-65.85	-31.19	21.30	-5.73	8.43
-5.0	10.555	-80.88	-39.57	14.28	-6.97	7.93
-6.0	10.990	-94.81	-45.08	7.01	-8.08	7.45
-7.0	11.469	-107.61	-48.23	0.21	-9.07	7.02
-8.0B	11.969	-119.36	-49.17	-5.83	-9.93	6.68
-9.0B	12.466	-130.15	-47.73	-11.09	-10.68	6.43
-10.0B	12.936	-140.13	-43.78	-15.73	-11.32	6.27
-11.0A	13.354	-149.44	-37.51	-19.91	-11.84	6.18
-12.0A	13.697	-158.23	-29.39	-23.61	-12.24	6.15
-13.0A	13.951	-166.65	-19.99	-26.59	-12.52	6.16
-14.0A	14.104	-174.84	-9.81	-28.48	-12.69	6.16
-15.0A	14.150	-182.91	0.70	-28.95	-12.75	6.15
-16.0A	14.090	-191.01	11.12	-27.90	-12.71	6.08
-17.0A	13.925	-199.24	21.03	-25.49	-12.60	5.94
-18.0A	13.663	-207.74	29.97	-22.10	-12.42	5.70
-19.0A	13.317	-216.63	37.36	-18.18	-12.20	5.35
-20.0B	12.906	-226.05	42.64	-14.04	-11.95	4.87
-21.0B	12.453	-236.12	45.53	-9.77	-11.70	4.26
-22.0	11.982	-246.97	46.37	-5.16	-11.45	3.52
-23.0	11.508	-258.69	46.02	0.16	-11.20	2.64
-24.0	11.042	-271.41	44.95	6.56	-10.92	1.62
-25.0C	10.595	-285.24	42.14	14.10	-10.58	0.47
-26.0C	10.195	-300.24	35.01	22.06	-10.16	-0.81
-27.0D	9.900	-316.32	21.66	28.65	-9.66	-2.18
-28.0D	9.769	-333.11	3.37	31.66	-9.08	-3.60
-29.0D	9.835	-350.01	-16.08	29.83	-8.47	-5.01
-30.0D	10.089	-366.34	-32.86	23.78	-7.84	-6.35

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	25.00	0.0	10.00
-1.0	9.821	-16.45	9.94	29.16	-1.46	9.71
-2.0	9.797	-33.25	-5.19	29.90	-2.93	9.35
-3.0	9.923	-49.88	-19.04	27.13	-4.37	8.91
-4.0	10.178	-65.89	-30.36	21.68	-5.73	8.41
-5.0	10.533	-80.98	-38.73	14.81	-6.97	7.90
-6.0	10.961	-94.98	-44.50	7.59	-8.08	7.40
-7.0	11.436	-107.86	-48.17	0.72	-9.07	6.96
-8.0B	11.939	-119.68	-49.79	-5.47	-9.94	6.61
-9.0B	12.447	-130.52	-48.97	-10.91	-10.70	6.35
-10.0B	12.931	-140.51	-45.33	-15.72	-11.35	6.19
-11.0A	13.365	-149.81	-39.00	-20.06	-11.89	6.11
-12.0A	13.722	-158.58	-30.54	-23.90	-12.30	6.09
-13.0A	13.984	-166.97	-20.64	-27.00	-12.58	6.10
-14.0A	14.141	-175.11	-9.91	-28.92	-12.75	6.12
-15.0A	14.186	-183.16	1.14	-29.33	-12.80	6.11
-16.0A	14.118	-191.22	12.08	-28.11	-12.76	6.04
-17.0A	13.941	-199.43	22.45	-25.46	-12.63	5.90
-18.0A	13.663	-207.93	31.70	-21.81	-12.44	5.66
-19.0A	13.298	-216.85	39.14	-17.67	-12.20	5.29
-20.0B	12.871	-226.33	44.07	-13.40	-11.94	4.80
-21.0B	12.406	-236.48	46.26	-9.05	-11.68	4.17
-22.0	11.932	-247.42	46.33	-4.40	-11.43	3.41
-23.0	11.462	-259.25	45.51	0.96	-11.18	2.52
-24.0	11.002	-272.08	44.41	7.43	-10.90	1.49
-25.0C	10.558	-286.02	41.75	15.08	-10.55	0.32
-26.0C	10.164	-301.14	34.41	23.11	-10.12	-0.97
-27.0D	9.878	-317.33	20.29	29.55	-9.60	-2.35
-28.0D	9.766	-334.19	1.07	32.06	-9.01	-3.77
-29.0D	9.859	-351.07	-18.96	29.52	-8.39	-5.18
-30.0D	10.143	-367.29	-35.73	22.83	-7.77	-6.52

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	25.00	0.0	10.00
-1.0	9.821	-16.45	9.92	29.15	-1.46	9.71
-2.0	9.796	-33.24	-4.93	29.94	-2.93	9.35
-3.0	9.917	-49.89	-18.43	27.32	-4.37	8.90
-4.0	10.165	-65.93	-29.51	22.06	-5.73	8.40
-5.0	10.512	-81.08	-37.83	15.35	-6.97	7.87
-6.0	10.931	-95.16	-43.82	8.20	-8.08	7.36
-7.0	11.402	-108.12	-47.98	1.29	-9.08	6.90
-8.0B	11.906	-120.01	-50.28	-5.04	-9.95	6.53
-9.0B	12.422	-130.91	-50.12	-10.66	-10.73	6.26
-10.0B	12.920	-140.93	-46.87	-15.65	-11.39	6.10
-11.0A	13.370	-150.24	-40.54	-20.14	-11.94	6.02
-12.0A	13.741	-158.99	-31.76	-24.14	-12.36	6.01
-13.0A	14.014	-167.34	-21.37	-27.35	-12.65	6.03
-14.0A	14.175	-175.46	-10.11	-29.32	-12.82	6.06
-15.0A	14.219	-183.46	1.49	-29.68	-12.87	6.05
-16.0A	14.145	-191.50	12.94	-28.30	-12.81	5.99
-17.0A	13.957	-199.70	23.76	-25.43	-12.67	5.85
-18.0A	13.664	-208.20	33.31	-21.54	-12.46	5.60
-19.0A	13.283	-217.14	40.78	-17.19	-12.21	5.22
-20.0B	12.840	-226.66	45.35	-12.79	-11.94	4.72
-21.0B	12.366	-236.88	46.83	-8.38	-11.68	4.07
-22.0	11.889	-247.91	46.16	-3.72	-11.42	3.30
-23.0	11.423	-259.84	44.95	1.67	-11.17	2.40
-24.0	10.969	-272.76	43.92	8.20	-10.88	1.35
-25.0C	10.530	-286.80	41.46	15.96	-10.53	0.18
-26.0C	10.138	-302.02	33.93	24.05	-10.08	-1.12
-27.0D	9.861	-318.31	19.03	30.34	-9.54	-2.51
-28.0D	9.767	-335.22	-1.09	32.38	-8.94	-3.93
-29.0D	9.885	-352.07	-21.63	29.17	-8.32	-5.34
-30.0D	10.196	-368.18	-38.37	21.91	-7.71	-6.67

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	25.00	0.0	10.00
-1.0	9.822	-16.45	9.90	29.14	-1.46	9.71
-2.0	9.796	-33.24	-4.67	29.98	-2.93	9.35
-3.0	9.912	-49.90	-17.82	27.51	-4.37	8.90
-4.0	10.152	-65.98	-28.64	22.45	-5.73	8.38
-5.0	10.489	-81.18	-36.89	15.91	-6.97	7.84
-6.0	10.899	-95.34	-43.04	8.86	-8.08	7.31
-7.0	11.364	-108.40	-47.64	1.92	-9.08	6.84
-8.0	11.868	-120.37	-50.62	-4.54	-9.96	6.45
-9.0B	12.391	-131.33	-51.16	-10.33	-10.75	6.17
-10.0B	12.903	-141.39	-48.38	-15.50	-11.42	6.00
-11.0A	13.369	-150.71	-42.12	-20.16	-11.98	5.93
-12.0A	13.755	-159.45	-33.07	-24.30	-12.42	5.92
-13.0A	14.039	-167.78	-22.22	-27.64	-12.72	5.95
-14.0A	14.207	-175.86	-10.43	-29.68	-12.89	5.98
-15.0A	14.252	-183.84	1.69	-30.01	-12.94	5.98
-16.0A	14.173	-191.85	13.65	-28.50	-12.87	5.93
-17.0A	13.975	-200.03	24.93	-25.41	-12.72	5.78
-18.0A	13.668	-208.53	34.80	-21.29	-12.50	5.53
-19.0A	13.271	-217.49	42.30	-16.75	-12.23	5.15
-20.0B	12.814	-227.05	46.48	-12.23	-11.95	4.63
-21.0B	12.332	-237.34	47.24	-7.78	-11.68	3.97
-22.0	11.855	-248.44	45.89	-3.11	-11.42	3.19
-23.0	11.394	-260.44	44.38	2.28	-11.17	2.27
-24.0	10.945	-273.44	43.48	8.85	-10.88	1.22
-25.0C	10.509	-287.56	41.29	16.71	-10.51	0.04
-26.0C	10.119	-302.86	33.60	24.87	-10.04	-1.27
-27.0D	9.849	-319.22	17.96	31.02	-9.48	-2.65
-28.0D	9.770	-336.17	-3.01	32.62	-8.88	-4.08
-29.0D	9.911	-352.99	-24.05	28.82	-8.26	-5.48
-30.0D	10.247	-368.99	-40.73	21.08	-7.65	-6.81

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	30.00	0.0	10.00
-1.0	9.835	-16.73	7.11	33.91	-1.51	9.72
-2.0	9.855	-33.72	-10.87	33.53	-3.03	9.38
-3.0	10.051	-50.34	-26.92	29.08	-4.50	8.99
-4.0	10.394	-66.09	-39.63	21.90	-5.88	8.57
-5.0	10.849	-80.68	-48.76	13.65	-7.14	8.17
-6.0	11.381	-93.99	-54.73	5.57	-8.26	7.83
-7.0B	11.958	-106.05	-57.66	-1.69	-9.25	7.58
-8.0B	12.549	-116.97	-57.31	-8.03	-10.11	7.43
-9.0A	13.119	-126.91	-53.60	-13.75	-10.84	7.39
-10.0A	13.635	-136.07	-47.02	-19.28	-11.43	7.43
-11.0A	14.073	-144.60	-38.38	-24.73	-11.88	7.54
-12.0	14.416	-152.69	-28.39	-29.76	-12.19	7.69
-13.0	14.651	-160.46	-17.54	-33.72	-12.37	7.85
-14.0	14.773	-168.04	-6.19	-35.90	-12.43	7.98
-15.0	14.777	-175.57	5.30	-35.87	-12.38	8.07
-16.0	14.665	-183.16	16.58	-33.59	-12.24	8.08
-17.0	14.440	-190.93	27.30	-29.46	-12.03	7.98
-18.0	14.110	-199.01	37.11	-24.14	-11.78	7.76
-19.0A	13.686	-207.55	45.53	-18.35	-11.51	7.40
-20.0A	13.186	-216.70	51.78	-12.62	-11.24	6.89
-21.0B	12.637	-226.61	54.99	-7.04	-11.00	6.22
-22.0B	12.073	-237.44	54.87	-1.35	-10.80	5.40
-23.0	11.524	-249.30	52.26	4.93	-10.64	4.44
-24.0	11.009	-262.31	48.18	12.18	-10.50	3.32
-25.0	10.544	-276.54	42.14	20.31	-10.34	2.05
-26.0C	10.162	-291.98	31.83	28.30	-10.14	0.66
-27.0C	9.914	-308.42	15.74	34.08	-9.88	-0.84
-28.0D	9.854	-325.40	-4.34	35.48	-9.56	-2.37
-29.0D	10.002	-342.22	-24.22	31.83	-9.22	-3.88
-30.0D	10.335	-358.24	-39.99	24.52	-8.87	-5.31

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	30.00	0.0	10.00
-1.0	9.835	-16.73	7.08	33.89	-1.51	9.72
-2.0	9.854	-33.71	-10.64	33.57	-3.03	9.38
-3.0	10.046	-50.34	-26.42	29.24	-4.50	8.98
-4.0	10.384	-66.13	-39.03	22.19	-5.88	8.56
-5.0	10.833	-80.75	-48.36	13.98	-7.14	8.15
-6.0	11.363	-94.11	-54.81	5.84	-8.26	7.80
-7.0B	11.945	-106.20	-58.37	-1.56	-9.26	7.55
-8.0B	12.545	-117.13	-58.44	-8.05	-10.13	7.40
-9.0A	13.127	-127.07	-54.75	-13.91	-10.87	7.36
-10.0A	13.654	-136.21	-47.81	-19.53	-11.46	7.42
-11.0A	14.098	-144.72	-38.65	-25.05	-11.92	7.53
-12.0	14.440	-152.77	-28.16	-30.10	-12.23	7.69
-13.0	14.671	-160.52	-16.90	-33.98	-12.40	7.84
-14.0	14.784	-168.10	-5.22	-36.00	-12.45	7.98
-15.0	14.778	-175.62	6.53	-35.71	-12.39	8.06
-16.0	14.652	-183.22	18.04	-33.14	-12.24	8.05
-17.0	14.410	-191.03	29.01	-28.72	-12.02	7.94
-18.0A	14.061	-199.17	39.05	-23.15	-11.76	7.70
-19.0A	13.617	-207.79	47.56	-17.18	-11.48	7.32
-20.0A	13.097	-217.07	53.51	-11.32	-11.21	6.77
-21.0B	12.535	-227.14	55.85	-5.66	-10.97	6.07
-22.0	11.967	-238.17	54.57	0.11	-10.77	5.22
-23.0	11.426	-250.26	51.08	6.48	-10.62	4.22
-24.0	10.925	-263.50	46.67	13.84	-10.48	3.08
-25.0	10.477	-277.95	40.44	22.02	-10.32	1.79
-26.0C	10.114	-293.58	29.56	29.83	-10.11	0.37
-27.0D	9.894	-310.17	12.55	35.04	-9.83	-1.14
-28.0D	9.870	-327.18	-8.17	35.52	-9.50	-2.67
-29.0D	10.058	-343.91	-27.96	30.96	-9.15	-4.17
-30.0C	10.425	-359.72	-42.89	23.11	-8.80	-5.59

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	30.00	0.0	10.00
-1.0	9.836	-16.73	7.06	33.88	-1.51	9.72
-2.0	9.854	-33.71	-10.41	33.60	-3.03	9.38
-3.0	10.042	-50.35	-25.92	29.39	-4.50	8.98
-4.0	10.374	-66.16	-38.42	22.47	-5.88	8.55
-5.0	10.817	-80.83	-47.91	14.33	-7.14	8.13
-6.0	11.345	-94.23	-54.83	6.13	-8.27	7.77
-7.0B	11.930	-106.36	-59.01	-1.41	-9.27	7.51
-8.0B	12.540	-117.31	-59.55	-8.05	-10.15	7.37
-9.0A	13.133	-127.25	-55.89	-14.03	-10.89	7.33
-10.0A	13.670	-136.36	-48.60	-19.75	-11.50	7.39
-11.0A	14.119	-144.85	-38.94	-25.34	-11.95	7.52
-12.0	14.462	-152.88	-27.95	-30.41	-12.26	7.67
-13.0	14.689	-160.61	-16.29	-34.22	-12.43	7.83
-14.0	14.794	-168.18	-4.31	-36.06	-12.47	7.96
-15.0	14.777	-175.70	7.70	-35.54	-12.40	8.04
-16.0	14.638	-183.32	19.46	-32.69	-12.24	8.03
-17.0	14.381	-191.15	30.68	-27.98	-12.02	7.90
-18.0A	14.013	-199.35	40.97	-22.17	-11.75	7.64
-19.0A	13.548	-208.06	49.53	-16.03	-11.46	7.23
-20.0A	13.010	-217.46	55.07	-10.06	-11.18	6.65
-21.0B	12.437	-227.70	56.43	-4.34	-10.94	5.92
-22.0	11.869	-238.93	54.00	1.48	-10.75	5.04
-23.0	11.338	-251.22	49.81	7.94	-10.60	4.01
-24.0	10.851	-264.67	45.25	15.39	-10.47	2.84
-25.0C	10.418	-279.32	38.89	23.61	-10.31	1.53
-26.0C	10.074	-295.14	27.39	31.23	-10.07	0.09
-27.0D	9.881	-311.85	9.45	35.84	-9.78	-1.42
-28.0D	9.892	-328.87	-11.85	35.43	-9.44	-2.95
-29.0D	10.117	-345.49	-31.43	30.04	-9.09	-4.45
-30.0C	10.516	-361.09	-45.41	21.78	-8.74	-5.85

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	25.00	30.00	0.0	10.00
-1.0	9.836	-16.73	7.04	33.86	-1.51	9.72
-2.0	9.854	-33.71	-10.18	33.64	-3.03	9.38
-3.0	10.038	-50.36	-25.41	29.55	-4.50	8.97
-4.0	10.363	-66.19	-37.78	22.76	-5.88	8.54
-5.0	10.801	-80.91	-47.42	14.69	-7.14	8.11
-6.0	11.326	-94.35	-54.79	6.45	-8.27	7.74
-7.0B	11.913	-106.52	-59.60	-1.22	-9.28	7.47
-8.0B	12.532	-117.50	-60.62	-8.03	-10.17	7.33
-9.0A	13.137	-127.43	-57.02	-14.12	-10.92	7.30
-10.0A	13.684	-136.53	-49.40	-19.94	-11.53	7.37
-11.0	14.139	-145.00	-39.23	-25.60	-11.99	7.50
-12.0	14.482	-153.01	-27.77	-30.68	-12.29	7.66
-13.0	14.705	-160.73	-15.72	-34.42	-12.46	7.82
-14.0	14.803	-168.28	-3.44	-36.11	-12.49	7.95
-15.0	14.776	-175.81	8.82	-35.35	-12.41	8.01
-16.0	14.624	-183.44	20.82	-32.23	-12.25	7.99
-17.0	14.351	-191.31	32.32	-27.26	-12.01	7.85
-18.0A	13.966	-199.56	42.85	-21.21	-11.74	7.57
-19.0A	13.482	-208.36	51.42	-14.90	-11.44	7.13
-20.0B	12.926	-217.88	56.43	-8.85	-11.16	6.53
-21.0B	12.344	-228.29	56.72	-3.09	-10.92	5.76
-22.0	11.779	-239.70	53.21	2.78	-10.73	4.85
-23.0	11.259	-252.19	48.51	9.31	-10.60	3.81
-24.0	10.786	-265.83	43.94	16.85	-10.46	2.61
-25.0C	10.367	-280.66	37.48	25.09	-10.29	1.28
-26.0C	10.039	-296.64	25.31	32.49	-10.04	-0.17
-27.0D	9.872	-313.45	6.43	36.49	-9.73	-1.69
-28.0D	9.918	-330.48	-15.36	35.22	-9.38	-3.23
-29.0D	10.178	-346.97	-34.64	29.09	-9.02	-4.71
-30.0C	10.605	-362.37	-47.58	20.52	-8.68	-6.09

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-30.00	0.0	10.00
-1.0	9.625	-13.36	43.37	-23.04	-0.91	9.58
-2.0C	9.118	-28.03	55.01	-11.47	-1.93	8.91
-3.0D	8.527	-44.62	58.54	5.16	-3.04	7.97
-4.0	7.975	-63.66	46.73	23.87	-4.23	6.76
-5.0	7.614	-85.01	22.47	38.19	-5.43	5.34
-6.0	7.531	-107.65	-6.54	41.88	-6.53	3.74
-7.0	7.736	-129.92	-32.32	33.42	-7.46	2.06
-8.0	8.159	-150.45	-48.66	17.40	-8.15	0.40
-9.0	8.697	-168.68	-54.90	-0.01	-8.62	-1.13
-10.0	9.255	-184.70	-53.04	-14.91	-8.91	-2.49
-11.0D	9.760	-198.95	-44.76	-25.83	-9.05	-3.65
-12.0D	10.154	-211.92	-31.77	-32.81	-9.05	-4.61
-13.0C	10.400	-224.08	-16.04	-36.52	-8.89	-5.39
-14.0C	10.479	-235.86	0.73	-37.59	-8.57	-6.03
-15.0D	10.387	-247.65	17.11	-36.34	-8.07	-6.54
-16.0D	10.135	-259.85	31.78	-32.69	-7.38	-6.95
-17.0	9.746	-272.84	43.74	-26.19	-6.48	-7.28
-18.0	9.249	-287.06	53.03	-15.90	-5.35	-7.55
-19.0	8.671	-303.05	59.25	-0.57	-3.97	-7.71
-20.0E	8.070	-321.43	55.64	19.37	-2.33	-7.73
-21.0F	7.599	-342.49	33.41	37.82	-0.48	-7.58
-22.0	7.430	-365.42	-1.30	44.92	1.47	-7.28
-23.0	7.619	-388.25	-34.46	36.38	3.38	-6.83
-24.0	8.095	-409.13	-56.27	17.45	5.12	-6.27
-25.0F	8.720	-427.29	-63.56	-2.99	6.63	-5.66
-26.0E	9.350	-442.96	-57.79	-19.05	7.87	-5.05
-27.0E	9.874	-456.79	-43.62	-29.34	8.81	-4.45
-28.0E	10.230	-469.43	-25.77	-34.95	9.48	-3.84
-29.0	10.397	-481.45	-6.79	-37.12	9.89	-3.21
-30.0E	10.369	-493.32	12.35	-36.45	10.06	-2.51

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-30.00	0.0	10.00
-1.0	9.625	-13.36	43.40	-23.04	-0.91	9.58
-2.0C	9.116	-28.03	55.59	-11.34	-1.93	8.91
-3.0D	8.516	-44.66	59.31	5.60	-3.04	7.95
-4.0	7.961	-63.76	46.49	24.44	-4.23	6.74
-5.0	7.607	-85.17	21.48	38.48	-5.44	5.32
-6.0	7.534	-107.82	-7.27	41.80	-6.55	3.73
-7.0	7.743	-130.07	-32.38	33.23	-7.47	2.04
-8.0	8.165	-150.57	-48.32	17.34	-8.16	0.39
-9.0	8.699	-168.79	-54.76	0.02	-8.62	-1.15
-10.0	9.259	-184.81	-53.52	-14.97	-8.91	-2.51
-11.0D	9.771	-199.04	-45.77	-26.09	-9.06	-3.66
-12.0D	10.177	-211.96	-32.90	-33.24	-9.07	-4.63
-13.0C	10.434	-224.05	-16.93	-37.04	-8.92	-5.41
-14.0C	10.519	-235.74	0.22	-38.17	-8.62	-6.03
-15.0D	10.431	-247.44	16.93	-36.97	-8.13	-6.53
-16.0D	10.180	-259.53	31.72	-33.42	-7.45	-6.94
-17.0	9.792	-272.39	43.47	-27.13	-6.56	-7.27
-18.0	9.300	-286.47	52.58	-17.22	-5.46	-7.53
-19.0	8.723	-302.26	59.57	-2.27	-4.10	-7.70
-20.0E	8.110	-320.42	57.83	17.83	-2.48	-7.72
-21.0F	7.611	-341.34	36.34	37.19	-0.63	-7.58
-22.0	7.415	-364.27	0.88	45.38	1.32	-7.30
-23.0	7.588	-387.23	-33.52	37.45	3.24	-6.86
-24.0	8.062	-408.26	-56.77	18.36	5.01	-6.32
-25.0F	8.698	-426.53	-65.20	-2.72	6.54	-5.73
-26.0E	9.347	-442.22	-59.56	-19.31	7.80	-5.15
-27.0E	9.885	-456.01	-44.71	-29.82	8.76	-4.58
-28.0	10.249	-468.60	-26.04	-35.42	9.44	-3.99
-29.0	10.414	-480.57	-6.33	-37.49	9.86	-3.36
-30.0	10.378	-492.41	13.49	-36.64	10.03	-2.67

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-30.00	0.0	10.00
-1.0	9.625	-13.36	43.43	-23.05	-0.91	9.58
-2.0C	9.113	-28.03	56.17	-11.22	-1.93	8.91
-3.0D	8.506	-44.69	60.06	6.03	-3.04	7.94
-4.0	7.948	-63.86	46.22	24.99	-4.24	6.72
-5.0	7.601	-85.33	20.50	38.75	-5.45	5.30
-6.0	7.537	-107.98	-7.97	41.71	-6.56	3.71
-7.0	7.750	-130.21	-32.42	33.05	-7.48	2.03
-8.0	8.169	-150.69	-47.97	17.29	-8.16	0.37
-9.0	8.701	-168.90	-54.62	0.06	-8.62	-1.17
-10.0	9.262	-184.92	-54.01	-15.03	-8.91	-2.52
-11.0D	9.783	-199.12	-46.78	-26.35	-9.06	-3.68
-12.0D	10.200	-212.00	-33.99	-33.65	-9.08	-4.64
-13.0C	10.466	-224.02	-17.74	-37.53	-8.95	-5.42
-14.0C	10.558	-235.63	-0.17	-38.69	-8.66	-6.04
-15.0D	10.471	-247.24	16.94	-37.51	-8.19	-6.53
-16.0D	10.219	-259.23	31.88	-34.02	-7.51	-6.93
-17.0	9.831	-272.00	43.41	-27.88	-6.64	-7.25
-18.0	9.341	-285.95	52.21	-18.27	-5.55	-7.51
-19.0	8.767	-301.59	59.70	-3.65	-4.21	-7.69
-20.0E	8.144	-319.57	59.61	16.55	-2.60	-7.72
-21.0F	7.621	-340.36	38.80	36.66	-0.76	-7.58
-22.0	7.404	-363.29	2.59	45.73	1.19	-7.31
-23.0	7.565	-386.34	-32.86	38.24	3.13	-6.89
-24.0	8.038	-407.50	-57.32	18.98	4.91	-6.36
-25.0F	8.686	-425.83	-66.71	-2.66	6.46	-5.80
-26.0E	9.350	-441.52	-61.06	-19.69	7.74	-5.25
-27.0E	9.900	-455.27	-45.46	-30.31	8.72	-4.70
-28.0	10.267	-467.80	-25.97	-35.85	9.40	-4.13
-29.0	10.429	-479.72	-5.59	-37.77	9.82	-3.51
-30.0	10.381	-491.54	14.86	-36.72	9.99	-2.82

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-30.00	0.0	10.00
-1.0	9.626	-13.36	43.46	-23.05	-0.91	9.58
-2.0C	9.111	-28.04	56.75	-11.09	-1.93	8.90
-3.0D	8.496	-44.73	60.79	6.46	-3.04	7.93
-4.0	7.935	-63.95	45.92	25.53	-4.24	6.71
-5.0	7.595	-85.48	19.54	39.00	-5.46	5.28
-6.0	7.541	-108.15	-8.62	41.61	-6.57	3.69
-7.0	7.757	-130.34	-32.43	32.87	-7.49	2.01
-8.0	8.174	-150.80	-47.62	17.25	-8.17	0.35
-9.0	8.702	-169.01	-54.49	0.11	-8.62	-1.18
-10.0	9.265	-185.02	-54.50	-15.09	-8.91	-2.54
-11.0D	9.794	-199.21	-47.79	-26.60	-9.07	-3.70
-12.0D	10.222	-212.03	-35.06	-34.05	-9.10	-4.66
-13.0C	10.498	-223.99	-18.48	-38.00	-8.98	-5.43
-14.0C	10.595	-235.52	-0.43	-39.16	-8.70	-6.04
-15.0D	10.509	-247.05	17.12	-37.98	-8.24	-6.53
-16.0D	10.253	-258.97	32.23	-34.49	-7.57	-6.91
-17.0D	9.863	-271.66	43.52	-28.45	-6.70	-7.23
-18.0	9.373	-285.51	51.91	-19.07	-5.63	-7.50
-19.0	8.802	-301.02	59.72	-4.73	-4.30	-7.68
-20.0E	8.172	-318.87	61.05	15.53	-2.71	-7.71
-21.0F	7.630	-339.56	40.81	36.26	-0.87	-7.58
-22.0	7.396	-362.48	3.83	45.99	1.09	-7.32
-23.0	7.549	-385.61	-32.53	38.78	3.03	-6.91
-24.0	8.023	-406.84	-57.99	19.29	4.83	-6.41
-25.0F	8.682	-425.19	-68.14	-2.84	6.39	-5.87
-26.0E	9.361	-440.85	-62.28	-20.19	7.68	-5.35
-27.0E	9.920	-454.54	-45.84	-30.83	8.67	-4.82
-28.0	10.286	-467.02	-25.56	-36.23	9.36	-4.26
-29.0	10.441	-478.90	-4.55	-37.98	9.78	-3.66
-30.0	10.379	-490.70	16.48	-36.67	9.95	-2.97

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-25.00	0.0	10.00
-1.0	9.636	-13.65	41.00	-18.09	-0.96	9.59
-2.0C	9.167	-28.56	50.16	-7.22	-2.02	8.94
-3.0C	8.635	-45.24	51.98	7.68	-3.17	8.03
-4.0D	8.152	-64.04	40.12	23.60	-4.37	6.88
-5.0	7.854	-84.75	16.90	34.68	-5.57	5.53
-6.0	7.818	-106.35	-9.68	36.05	-6.69	4.04
-7.0	8.038	-127.42	-32.37	27.39	-7.65	2.48
-8.0	8.451	-146.88	-46.80	12.80	-8.40	0.94
-9.0	8.965	-164.28	-52.27	-2.70	-8.95	-0.48
-10.0D	9.493	-179.73	-49.73	-15.76	-9.33	-1.75
-11.0D	9.960	-193.60	-40.71	-25.11	-9.55	-2.84
-12.0C	10.311	-206.37	-27.38	-30.87	-9.60	-3.77
-13.0C	10.513	-218.46	-11.86	-33.70	-9.48	-4.55
-14.0C	10.551	-230.28	4.26	-34.13	-9.18	-5.20
-15.0D	10.428	-242.20	19.69	-32.36	-8.69	-5.76
-16.0D	10.156	-254.59	33.04	-28.28	-8.00	-6.25
-17.0	9.763	-267.81	43.08	-21.56	-7.10	-6.70
-18.0	9.286	-282.27	49.73	-11.58	-5.98	-7.10
-19.0	8.757	-298.40	53.16	2.36	-4.63	-7.43
-20.0E	8.224	-316.64	48.99	19.71	-3.02	-7.65
-21.0F	7.808	-337.19	29.62	35.46	-1.21	-7.71
-22.0	7.660	-359.29	-1.80	41.29	0.70	-7.63
-23.0	7.842	-381.27	-32.62	33.40	2.60	-7.40
-24.0F	8.291	-401.50	-52.84	16.41	4.35	-7.06
-25.0F	8.874	-419.31	-58.94	-1.77	5.89	-6.64
-26.0E	9.455	-434.88	-52.98	-16.02	7.16	-6.18
-27.0E	9.934	-448.79	-39.99	-25.28	8.16	-5.67
-28.0	10.263	-461.61	-24.10	-30.48	8.90	-5.11
-29.0	10.424	-473.84	-7.29	-32.62	9.40	-4.50
-30.0	10.411	-485.91	9.75	-32.20	9.69	-3.80

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-25.00	0.0	10.00
-1.0	9.637	-13.65	41.02	-18.10	-0.96	9.59
-2.0C	9.165	-28.56	50.73	-7.10	-2.02	8.94
-3.0C	8.625	-45.27	52.81	8.11	-3.17	8.02
-4.0D	8.137	-64.14	40.05	24.22	-4.37	6.86
-5.0	7.845	-84.92	15.78	35.03	-5.58	5.51
-6.0	7.822	-106.52	-11.06	35.83	-6.71	4.02
-7.0	8.056	-127.54	-33.49	26.68	-7.67	2.47
-8.0	8.479	-146.88	-47.74	11.80	-8.43	0.95
-9.0	9.003	-164.14	-53.27	-3.87	-8.99	-0.46
-10.0D	9.541	-179.44	-50.65	-17.00	-9.39	-1.71
-11.0D	10.015	-193.15	-41.16	-26.28	-9.62	-2.78
-12.0C	10.367	-205.76	-27.09	-31.87	-9.69	-3.69
-13.0C	10.562	-217.72	-10.77	-34.47	-9.58	-4.44
-14.0C	10.586	-229.44	6.04	-34.63	-9.29	-5.08
-15.0C	10.442	-241.31	21.89	-32.56	-8.79	-5.63
-16.0D	10.147	-253.69	35.17	-28.16	-8.09	-6.12
-17.0	9.736	-266.97	44.54	-21.10	-7.18	-6.58
-18.0	9.248	-281.52	50.44	-10.81	-6.05	-6.99
-19.0	8.712	-297.79	53.69	3.55	-4.68	-7.35
-20.0E	8.175	-316.23	49.19	21.40	-3.06	-7.58
-21.0F	7.765	-337.02	28.03	37.13	-1.23	-7.67
-22.0	7.644	-359.29	-5.27	41.79	0.70	-7.61
-23.0	7.866	-381.23	-36.64	32.20	2.60	-7.42
-24.0F	8.353	-401.23	-56.11	14.00	4.35	-7.13
-25.0E	8.961	-418.70	-60.40	-4.41	5.87	-6.77
-26.0E	9.546	-433.96	-52.36	-18.14	7.13	-6.35
-27.0	10.010	-447.62	-37.86	-26.70	8.10	-5.88
-28.0	10.313	-460.28	-21.09	-31.25	8.82	-5.34
-29.0	10.440	-472.43	-3.72	-32.83	9.30	-4.74
-30.0	10.388	-484.51	13.78	-31.79	9.58	-4.03

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-25.00	0.0	10.00
-1.0	9.637	-13.65	41.05	-18.10	-0.96	9.59
-2.0C	9.162	-28.57	51.30	-6.97	-2.02	8.94
-3.0C	8.614	-45.30	53.63	8.55	-3.17	8.01
-4.0D	8.122	-64.24	39.93	24.82	-4.38	6.84
-5.0	7.838	-85.09	14.65	35.34	-5.59	5.49
-6.0	7.828	-106.70	-12.41	35.58	-6.73	4.00
-7.0	8.075	-127.65	-34.62	25.95	-7.69	2.46
-8.0	8.508	-146.87	-48.75	10.78	-8.45	0.95
-9.0	9.043	-163.99	-54.34	-5.07	-9.03	-0.44
-10.0D	9.591	-179.13	-51.57	-18.27	-9.44	-1.67
-11.0D	10.072	-192.68	-41.47	-27.44	-9.70	-2.72
-12.0C	10.423	-205.14	-26.52	-32.80	-9.78	-3.60
-13.0C	10.607	-216.98	-9.35	-35.13	-9.68	-4.34
-14.0C	10.613	-228.62	8.16	-34.99	-9.38	-4.96
-15.0C	10.445	-240.45	24.40	-32.56	-8.88	-5.50
-16.0D	10.125	-252.86	37.48	-27.76	-8.16	-5.99
-17.0	9.694	-266.23	46.01	-20.31	-7.23	-6.45
-18.0	9.195	-280.93	51.08	-9.62	-6.09	-6.89
-19.0	8.655	-297.39	54.09	5.24	-4.70	-7.27
-20.0E	8.116	-316.09	48.81	23.57	-3.06	-7.52
-21.0F	7.721	-337.16	25.33	38.91	-1.20	-7.63
-22.0	7.639	-359.58	-9.77	41.90	0.74	-7.60
-23.0F	7.908	-381.41	-41.22	30.32	2.64	-7.46
-24.0F	8.435	-401.08	-59.28	11.01	4.37	-7.21
-25.0E	9.064	-418.16	-61.15	-7.28	5.87	-6.90
-26.0E	9.644	-433.08	-50.84	-20.24	7.10	-6.53
-27.0	10.085	-446.49	-34.96	-27.95	8.04	-6.08
-28.0	10.354	-459.01	-17.52	-31.81	8.73	-5.56
-29.0	10.443	-471.11	0.26	-32.77	9.20	-4.95
-30.0	10.349	-483.25	18.17	-31.04	9.45	-4.22

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-25.00	0.0	10.00
-1.0	9.637	-13.65	41.08	-18.11	-0.96	9.59
-2.0C	9.160	-28.57	51.87	-6.85	-2.02	8.93
-3.0D	8.604	-45.34	54.44	8.98	-3.17	8.00
-4.0D	8.108	-64.34	39.78	25.41	-4.38	6.82
-5.0	7.830	-85.25	13.51	35.62	-5.60	5.47
-6.0	7.834	-106.86	-13.74	35.31	-6.74	3.99
-7.0	8.093	-127.74	-35.75	25.21	-7.71	2.45
-8.0	8.538	-146.86	-49.81	9.73	-8.48	0.96
-9.0D	9.084	-163.83	-55.48	-6.32	-9.07	-0.42
-10.0D	9.643	-178.80	-52.45	-19.55	-9.51	-1.62
-11.0C	10.129	-192.19	-41.58	-28.57	-9.78	-2.65
-12.0C	10.476	-204.51	-25.68	-33.66	-9.87	-3.51
-13.0C	10.647	-216.24	-7.63	-35.68	-9.77	-4.23
-14.0C	10.632	-227.81	10.57	-35.19	-9.47	-4.84
-15.0C	10.437	-239.63	27.15	-32.37	-8.95	-5.37
-16.0D	10.090	-252.10	39.87	-27.13	-8.21	-5.86
-17.0	9.639	-265.59	47.40	-19.23	-7.26	-6.34
-18.0	9.132	-280.47	51.63	-8.08	-6.10	-6.80
-19.0	8.587	-297.18	54.38	7.35	-4.69	-7.19
-20.0E	8.050	-316.20	47.82	26.11	-3.02	-7.46
-21.0F	7.679	-337.58	21.59	40.68	-1.14	-7.59
-22.0	7.645	-360.10	-15.09	41.54	0.81	-7.60
-23.0F	7.968	-381.74	-46.11	27.81	2.70	-7.50
-24.0F	8.536	-401.01	-62.11	7.61	4.42	-7.30
-25.0E	9.179	-417.66	-61.05	-10.23	5.89	-7.04
-26.0E	9.745	-432.23	-48.45	-22.18	7.08	-6.70
-27.0	10.155	-445.42	-31.46	-28.98	7.98	-6.28
-28.0	10.386	-457.82	-13.55	-32.13	8.64	-5.76
-29.0	10.432	-469.91	4.56	-32.43	9.08	-5.14
-30.0	10.292	-482.13	22.81	-29.94	9.31	-4.38

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-20.00	0.0	10.00
-1.0	9.649	-13.95	38.57	-13.16	-1.01	9.60
-2.0C	9.217	-29.09	45.25	-3.03	-2.12	8.97
-3.0C	8.745	-45.83	45.36	10.13	-3.29	8.10
-4.0D	8.331	-64.41	33.64	23.42	-4.51	7.00
-5.0	8.092	-84.51	11.82	31.74	-5.72	5.73
-6.0	8.098	-105.18	-12.67	31.27	-6.85	4.32
-7.0	8.337	-125.21	-33.09	22.37	-7.83	2.87
-8.0	8.748	-143.70	-45.70	8.89	-8.63	1.46
-9.0D	9.242	-160.33	-49.61	-4.83	-9.24	0.14
-10.0D	9.735	-175.24	-45.63	-15.99	-9.68	-1.04
-11.0C	10.155	-188.79	-35.78	-23.71	-9.94	-2.07
-12.0C	10.455	-201.40	-22.47	-28.28	-10.03	-2.96
-13.0C	10.610	-213.47	-7.63	-30.28	-9.93	-3.74
-14.0C	10.611	-225.38	7.43	-30.13	-9.64	-4.42
-15.0C	10.461	-237.47	21.57	-27.91	-9.17	-5.04
-16.0D	10.177	-250.08	33.36	-23.52	-8.49	-5.62
-17.0D	9.792	-263.56	41.39	-16.76	-7.60	-6.17
-18.0	9.345	-278.22	45.42	-7.38	-6.51	-6.70
-19.0	8.874	-294.41	46.08	4.82	-5.20	-7.19
-20.0E	8.420	-312.40	41.32	19.13	-3.67	-7.58
-21.0F	8.066	-332.25	25.85	31.98	-1.93	-7.83
-22.0F	7.928	-353.40	0.08	37.23	-0.09	-7.93
-23.0F	8.068	-374.52	-26.76	31.52	1.76	-7.87
-24.0F	8.446	-394.30	-45.32	17.86	3.49	-7.69
-25.0E	8.953	-412.06	-51.79	2.48	5.04	-7.40
-26.0E	9.469	-427.88	-47.84	-10.21	6.36	-7.01
-27.0	9.910	-442.16	-37.65	-18.98	7.43	-6.56
-28.0	10.230	-455.40	-24.66	-24.29	8.27	-6.03
-29.0	10.411	-468.01	-10.60	-26.88	8.89	-5.42
-30.0	10.446	-480.37	3.87	-27.18	9.31	-4.73

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-20.00	0.0	10.00
-1.0	9.649	-13.95	38.60	-13.17	-1.01	9.60
-2.0C	9.215	-29.09	45.81	-2.91	-2.12	8.97
-3.0C	8.735	-45.87	46.26	10.56	-3.29	8.09
-4.0D	8.314	-64.51	33.77	24.09	-4.51	6.98
-5.0	8.081	-84.69	10.74	32.19	-5.73	5.70
-6.0	8.101	-105.39	-14.47	31.07	-6.86	4.30
-7.0	8.361	-125.34	-35.08	21.45	-7.85	2.86
-8.0	8.791	-143.68	-47.62	7.41	-8.67	1.47
-9.0D	9.304	-160.10	-51.15	-6.57	-9.30	0.18
-10.0D	9.809	-174.78	-46.34	-17.68	-9.76	-0.97
-11.0C	10.231	-188.11	-35.37	-25.12	-10.04	-1.97
-12.0C	10.521	-200.55	-20.97	-29.31	-10.13	-2.83
-13.0C	10.655	-212.49	-5.21	-30.91	-10.03	-3.58
-14.0C	10.627	-224.33	10.55	-30.31	-9.74	-4.25
-15.0C	10.444	-236.43	25.01	-27.57	-9.24	-4.87
-16.0D	10.126	-249.13	36.41	-22.60	-8.53	-5.45
-17.0D	9.714	-262.78	43.28	-15.22	-7.62	-6.02
-18.0	9.255	-277.71	46.00	-5.27	-6.51	-6.58
-19.0	8.783	-294.22	45.84	7.45	-5.17	-7.10
-20.0E	8.336	-312.58	40.03	22.08	-3.61	-7.52
-21.0F	8.006	-332.81	22.35	34.37	-1.84	-7.79
-22.0F	7.914	-354.16	-5.39	37.77	0.02	-7.91
-23.0F	8.113	-375.20	-32.30	29.77	1.86	-7.90
-24.0F	8.540	-394.63	-49.05	14.75	3.58	-7.75
-25.0E	9.071	-411.96	-52.75	-0.67	5.10	-7.50
-26.0E	9.584	-427.39	-46.34	-12.59	6.38	-7.15
-27.0	10.001	-441.38	-34.63	-20.43	7.41	-6.72
-28.0	10.286	-454.44	-20.87	-24.93	8.21	-6.20
-29.0	10.425	-466.98	-6.39	-26.82	8.80	-5.59
-30.0	10.415	-479.38	8.36	-26.41	9.20	-4.88

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-20.00	0.0	10.00
-1.0	9.649	-13.94	38.63	-13.17	-1.01	9.60
-2.0C	9.212	-29.10	46.36	-2.79	-2.12	8.97
-3.0C	8.724	-45.90	47.14	11.00	-3.29	8.08
-4.0D	8.298	-64.62	33.86	24.75	-4.52	6.96
-5.0	8.070	-84.87	9.62	32.60	-5.74	5.67
-6.0	8.106	-105.58	-16.26	30.84	-6.88	4.28
-7.0	8.385	-125.46	-37.06	20.49	-7.88	2.86
-8.0D	8.835	-143.64	-49.54	5.92	-8.71	1.48
-9.0D	9.366	-159.86	-52.63	-8.29	-9.36	0.22
-10.0D	9.881	-174.32	-46.84	-19.29	-9.84	-0.90
-11.0C	10.302	-187.45	-34.65	-26.39	-10.13	-1.87
-12.0C	10.579	-199.72	-19.15	-30.18	-10.23	-2.70
-13.0C	10.690	-211.55	-2.51	-31.35	-10.12	-3.43
-14.0C	10.631	-223.35	13.89	-30.27	-9.81	-4.09
-15.0C	10.412	-235.48	28.54	-26.98	-9.29	-4.70
-16.0D	10.061	-248.31	39.31	-21.37	-8.56	-5.29
-17.0	9.626	-262.19	44.77	-13.38	-7.62	-5.89
-18.0	9.159	-277.42	46.18	-2.88	-6.47	-6.48
-19.0	8.689	-294.28	45.29	10.35	-5.11	-7.03
-20.0E	8.253	-313.05	38.18	25.17	-3.51	-7.47
-21.0F	7.954	-333.63	17.97	36.53	-1.72	-7.77
-22.0F	7.918	-355.13	-11.44	37.68	0.15	-7.92
-23.0F	8.177	-375.99	-37.75	27.39	1.99	-7.93
-24.0F	8.648	-395.02	-52.03	11.36	3.68	-7.83
-25.0E	9.194	-411.90	-52.68	-3.69	5.16	-7.61
-26.0E	9.694	-426.95	-43.98	-14.65	6.40	-7.29
-27.0	10.080	-440.69	-31.08	-21.53	7.39	-6.86
-28.0	10.325	-453.62	-16.79	-25.23	8.15	-6.34
-29.0	10.422	-466.13	-2.05	-26.41	8.71	-5.72
-30.0	10.366	-478.61	12.94	-25.25	9.09	-4.98

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-20.00	0.0	10.00
-1.0	9.650	-13.94	38.65	-13.17	-1.01	9.60
-2.0C	9.210	-29.10	46.92	-2.67	-2.12	8.96
-3.0C	8.714	-45.93	48.00	11.43	-3.29	8.07
-4.0D	8.282	-64.72	33.89	25.39	-4.52	6.94
-5.0	8.060	-85.04	8.48	32.98	-5.75	5.65
-6.0	8.112	-105.77	-18.04	30.56	-6.90	4.26
-7.0	8.410	-125.57	-39.04	19.51	-7.91	2.85
-8.0D	8.881	-143.59	-51.47	4.42	-8.75	1.50
-9.0D	9.429	-159.60	-54.01	-9.97	-9.43	0.26
-10.0C	9.953	-173.84	-47.10	-20.79	-9.92	-0.82
-11.0C	10.370	-186.78	-33.64	-27.53	-10.22	-1.76
-12.0C	10.631	-198.91	-17.06	-30.89	-10.32	-2.57
-13.0C	10.716	-210.66	0.42	-31.62	-10.20	-3.28
-14.0C	10.624	-222.45	17.38	-30.04	-9.87	-3.93
-15.0C	10.368	-234.65	32.06	-26.16	-9.32	-4.54
-16.0D	9.984	-247.64	41.94	-19.90	-8.55	-5.15
-17.0	9.531	-261.77	45.80	-11.30	-7.58	-5.77
-18.0	9.060	-277.32	46.01	-0.28	-6.41	-6.40
-19.0	8.595	-294.57	44.50	13.42	-5.02	-6.98
-20.0E	8.174	-313.74	35.76	28.26	-3.39	-7.44
-21.0F	7.914	-334.66	12.87	38.31	-1.57	-7.76
-22.0F	7.938	-356.22	-17.77	36.96	0.30	-7.93
-23.0F	8.257	-376.83	-42.82	24.56	2.12	-7.98
-24.0E	8.766	-395.42	-54.09	7.94	3.78	-7.91
-25.0E	9.316	-411.85	-51.63	-6.42	5.22	-7.72
-26.0	9.794	-426.57	-40.98	-16.32	6.41	-7.40
-27.0	10.144	-440.10	-27.22	-22.26	7.36	-6.98
-28.0	10.348	-452.93	-12.62	-25.20	8.09	-6.45
-29.0	10.401	-465.47	2.33	-25.68	8.63	-5.81
-30.0	10.300	-478.08	17.53	-23.71	8.99	-5.03

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-15.00	0.0	10.00
-1.0	9.661	-14.24	36.10	-8.25	-1.06	9.60
-2.0	9.268	-29.61	40.27	1.10	-2.21	9.00
-3.00	8.857	-46.42	38.69	12.52	-3.42	8.17
-4.00	8.511	-64.76	27.21	23.33	-4.65	7.13
-5.00	8.330	-84.29	7.21	29.27	-5.86	5.92
-6.0	8.371	-104.14	-14.94	27.51	-6.99	4.60
-7.0	8.622	-123.27	-33.05	18.81	-7.99	3.24
-8.00	9.021	-140.98	-43.65	6.66	-8.81	1.92
-9.00	9.486	-157.03	-45.92	-5.22	-9.46	0.69
-10.00	9.936	-171.57	-41.02	-14.63	-9.93	-0.43
-11.00	10.308	-184.95	-31.22	-21.03	-10.21	-1.42
-12.00	10.565	-197.53	-18.78	-24.75	-10.31	-2.31
-13.00	10.688	-209.68	-5.24	-26.25	-10.23	-3.10
-14.00	10.672	-221.72	8.36	-25.81	-9.97	-3.82
-15.00	10.521	-233.96	21.02	-23.50	-9.51	-4.50
-16.00	10.250	-246.71	31.35	-19.25	-8.86	-5.15
-17.00	9.892	-260.28	37.86	-12.98	-8.02	-5.79
-18.0	9.491	-274.94	40.02	-4.79	-6.99	-6.42
-19.0	9.086	-290.88	38.64	5.11	-5.77	-7.02
-20.0	8.712	-308.27	33.80	16.05	-4.35	-7.55
-21.0E	8.414	-327.08	23.20	26.07	-2.74	-7.95
-22.0E	8.262	-346.97	5.54	31.64	-1.02	-8.20
-23.0F	8.312	-367.12	-15.17	29.87	0.75	-8.28
-24.0E	8.559	-386.56	-32.14	21.39	2.46	-8.20
-25.0E	8.941	-404.60	-40.98	9.83	4.04	-7.98
-26.0E	9.368	-421.06	-41.42	-1.17	5.43	-7.64
-27.0	9.767	-436.13	-35.84	-9.77	6.60	-7.20
-28.0	10.090	-450.13	-26.87	-15.69	7.57	-6.67
-29.0	10.311	-463.40	-16.24	-19.23	8.34	-6.06
-30.0	10.420	-476.26	-4.84	-20.73	8.93	-5.37

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-15.00	0.0	10.00
-1.0	9.662	-14.24	36.13	-8.25	-1.06	9.60
-2.0	9.266	-29.61	40.81	1.22	-2.21	9.00
-3.00	8.847	-46.45	39.63	12.95	-3.42	8.16
-4.00	8.493	-64.87	27.58	24.04	-4.65	7.10
-5.00	8.315	-84.49	6.33	29.87	-5.87	5.89
-6.0	8.370	-104.37	-16.82	27.50	-7.01	4.57
-7.00	8.643	-123.46	-35.40	18.01	-8.02	3.23
-8.00	9.066	-141.02	-45.91	5.25	-8.86	1.93
-9.00	9.551	-156.87	-47.48	-6.88	-9.52	0.72
-10.00	10.011	-171.19	-41.43	-16.18	-10.00	-0.37
-11.00	10.381	-184.37	-30.40	-22.26	-10.30	-1.33
-12.00	10.624	-196.79	-16.89	-25.57	-10.40	-2.18
-13.00	10.724	-208.83	-2.50	-26.64	-10.31	-2.96
-14.00	10.676	-220.83	11.72	-25.72	-10.03	-3.67
-15.00	10.488	-233.11	24.61	-22.84	-9.55	-4.34
-16.00	10.183	-246.00	34.45	-17.93	-8.87	-5.00
-17.00	9.800	-259.80	39.58	-11.04	-8.00	-5.67
-18.0	9.390	-274.76	40.04	-2.37	-6.94	-6.33
-19.0	8.991	-291.06	37.45	7.78	-5.69	-6.96
-20.0	8.634	-308.80	31.81	18.69	-4.24	-7.52
-21.0E	8.361	-327.92	20.16	28.17	-2.61	-7.94
-22.0E	8.246	-348.00	1.43	32.49	-0.87	-8.20
-23.0F	8.339	-368.14	-19.36	29.15	0.90	-8.29
-24.0E	8.625	-387.38	-35.10	19.57	2.60	-8.22
-25.0E	9.026	-405.12	-41.95	7.78	4.15	-8.02
-26.0E	9.454	-421.30	-40.49	-2.78	5.51	-7.68
-27.0	9.836	-436.15	-33.58	-10.68	6.65	-7.24
-28.0	10.131	-450.03	-23.86	-15.90	7.59	-6.71
-29.0	10.320	-463.26	-12.86	-18.80	8.33	-6.09
-30.0	10.392	-476.18	-1.27	-19.70	8.90	-5.37

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-15.00	0.0	10.00
-1.0	9.662	-14.24	36.16	-8.26	-1.06	9.60
-2.0	9.263	-29.62	41.35	1.34	-2.21	9.00
-3.00	8.836	-46.48	40.56	13.38	-3.42	8.15
-4.00	8.475	-64.97	27.90	24.75	-4.66	7.08
-5.00	8.300	-84.67	5.40	30.42	-5.88	5.86
-6.0	8.370	-104.60	-18.72	27.44	-7.03	4.54
-7.00	8.665	-123.63	-37.73	17.18	-8.05	3.21
-8.00	9.112	-141.05	-48.08	3.83	-8.90	1.93
-9.00	9.615	-156.69	-48.84	-8.48	-9.59	0.75
-10.00	10.083	-170.81	-41.54	-17.60	-10.08	-0.30
-11.00	10.448	-183.80	-29.27	-23.32	-10.38	-1.23
-12.00	10.674	-196.08	-14.76	-26.22	-10.47	-2.07
-13.00	10.748	-208.04	0.41	-26.84	-10.37	-2.82
-14.00	10.667	-220.03	15.18	-25.42	-10.07	-3.52
-15.00	10.444	-232.39	28.16	-21.94	-9.56	-4.20
-16.00	10.105	-245.45	37.22	-16.37	-8.85	-4.88
-17.00	9.702	-259.51	40.70	-8.89	-7.94	-5.57
-18.0	9.289	-274.79	39.48	0.16	-6.86	-6.26
-19.0	8.902	-291.44	35.91	10.46	-5.58	-6.93
-20.0	8.563	-309.52	29.57	21.21	-4.11	-7.51
-21.0E	8.319	-328.93	16.85	29.99	-2.46	-7.95
-22.0E	8.243	-349.14	-2.76	32.93	-0.70	-8.21
-23.0E	8.379	-369.22	-23.25	28.09	1.06	-8.31
-24.0E	8.696	-388.22	-37.43	17.65	2.74	-8.25
-25.0E	9.112	-405.68	-42.20	5.90	4.27	-8.05
-26.0F	9.532	-421.60	-38.98	-4.07	5.59	-7.72
-27.0	9.893	-436.27	-30.98	-11.24	6.71	-7.27
-28.0	10.158	-450.06	-20.71	-15.78	7.62	-6.72
-29.0	10.313	-463.31	-9.44	-18.06	8.33	-6.08
-30.0	10.350	-476.33	2.30	-18.32	8.87	-5.33

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-15.00	0.0	10.00
-1.0	9.662	-14.23	36.18	-8.26	-1.06	9.60
-2.0	9.261	-29.62	41.90	1.46	-2.21	8.99
-3.00	8.826	-46.51	41.48	13.81	-3.42	8.14
-4.00	8.458	-65.07	28.16	25.44	-4.66	7.06
-5.00	8.286	-84.86	4.41	30.93	-5.89	5.83
-6.0	8.372	-104.81	-20.64	27.32	-7.05	4.52
-7.00	8.689	-123.78	-40.04	16.29	-8.08	3.20
-8.00	9.159	-141.05	-50.17	2.42	-8.95	1.94
-9.00	9.679	-156.50	-49.99	-10.01	-9.65	0.79
-10.00	10.152	-170.42	-41.37	-18.89	-10.15	-0.23
-11.00	10.509	-183.24	-27.89	-24.22	-10.45	-1.14
-12.00	10.716	-195.41	-12.44	-26.69	-10.54	-1.95
-13.00	10.762	-207.31	3.44	-26.87	-10.42	-2.69
-14.00	10.648	-219.31	18.67	-24.93	-10.09	-3.39
-15.00	10.388	-231.77	31.57	-20.84	-9.55	-4.08
-16.00	10.019	-245.03	39.57	-14.62	-8.81	-4.78
-17.0	9.601	-259.38	41.19	-6.62	-7.87	-5.49
-18.0	9.192	-274.99	38.43	2.71	-6.77	-6.22
-19.0	8.819	-291.99	34.14	13.05	-5.47	-6.92
-20.0E	8.502	-310.39	27.17	23.55	-3.97	-7.52
-21.0E	8.287	-330.04	13.42	31.49	-2.30	-7.96
-22.0E	8.251	-350.34	-6.84	33.02	-0.53	-8.23
-23.0E	8.426	-370.30	-26.68	26.82	1.23	-8.34
-24.0E	8.770	-389.06	-39.09	15.80	2.89	-8.28
-25.0E	9.192	-406.24	-41.82	4.28	4.38	-8.08
-26.0E	9.600	-421.94	-37.06	-5.03	5.68	-7.74
-27.0	9.936	-436.48	-28.19	-11.48	6.76	-7.28
-28.0	10.171	-450.23	-17.51	-15.35	7.64	-6.71
-29.0	10.291	-463.52	-6.03	-17.00	8.34	-6.03
-30.0	10.293	-476.68	5.83	-16.61	8.86	-5.24

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-10.00	0.0	10.00
-1.0	9.674	-14.53	33.59	-3.35	-1.11	9.61
-2.0	9.319	-30.13	35.23	5.18	-2.30	9.03
-3.0C	8.970	-46.99	31.94	14.85	-3.54	8.24
-4.0D	8.694	-65.10	20.76	23.30	-4.79	7.25
-5.0D	8.569	-84.08	2.87	27.18	-6.01	6.11
-6.0D	8.640	-103.17	-16.46	24.58	-7.14	4.87
-7.0D	8.892	-121.53	-31.91	16.49	-8.13	3.59
-8.0D	9.268	-138.61	-40.42	5.93	-8.97	2.35
-9.0C	9.693	-154.25	-41.49	-4.14	-9.62	1.17
-10.0C	10.096	-168.59	-36.49	-12.05	-10.10	0.09
-11.0C	10.426	-181.92	-27.57	-17.46	-10.39	-0.89
-12.0C	10.653	-194.56	-16.58	-20.63	-10.50	-1.78
-13.0C	10.762	-206.82	-4.72	-21.91	-10.44	-2.60
-14.0C	10.749	-218.98	7.19	-21.50	-10.21	-3.36
-15.0C	10.618	-231.32	18.33	-19.43	-9.80	-4.09
-16.0C	10.381	-244.11	27.50	-15.69	-9.20	-4.80
-17.0D	10.067	-257.61	33.21	-10.31	-8.43	-5.50
-18.0D	9.717	-272.03	34.57	-3.55	-7.48	-6.20
-19.0	9.373	-287.52	32.07	4.10	-6.37	-6.88
-20.0	9.070	-304.11	26.88	11.97	-5.09	-7.51
-21.0	8.832	-321.72	19.23	19.05	-3.65	-8.04
-22.0E	8.687	-340.14	8.64	23.87	-2.08	-8.43
-23.0E	8.663	-358.96	-4.20	24.93	-0.45	-8.65
-24.0E	8.772	-377.60	-16.68	21.74	1.18	-8.69
-25.0E	8.993	-395.57	-25.84	15.38	2.75	-8.56
-26.0E	9.283	-412.54	-30.13	7.76	4.20	-8.28
-27.0E	9.593	-428.46	-29.75	0.56	5.49	-7.87
-28.0	9.880	-443.42	-25.85	-5.31	6.60	-7.35
-29.0	10.114	-457.62	-19.67	-9.57	7.54	-6.74
-30.0	10.277	-471.29	-12.13	-12.23	8.31	-6.04

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-10.00	0.0	10.00
-1.0	9.674	-14.53	33.61	-3.36	-1.11	9.61
-2.0	9.317	-30.13	35.76	5.30	-2.30	9.03
-3.0C	8.960	-47.02	32.92	15.28	-3.54	8.23
-4.0D	8.674	-65.20	21.37	24.05	-4.80	7.23
-5.0D	8.549	-84.28	2.36	27.94	-6.02	6.07
-6.0D	8.631	-103.45	-18.09	24.87	-7.15	4.83
-7.0D	8.904	-121.80	-34.16	16.08	-8.16	3.56
-8.0D	9.303	-138.79	-42.59	4.94	-9.01	2.33
-9.0C	9.747	-154.27	-42.93	-5.37	-9.68	1.17
-10.0C	10.159	-168.44	-36.84	-13.21	-10.16	0.12
-11.0C	10.487	-181.61	-26.82	-18.36	-10.45	-0.84
-12.0C	10.701	-194.12	-14.91	-21.20	-10.56	-1.71
-13.0C	10.790	-206.30	-2.31	-22.09	-10.49	-2.51
-14.0C	10.749	-218.44	10.16	-21.24	-10.24	-3.27
-15.0C	10.585	-230.84	21.54	-18.65	-9.80	-4.00
-16.0C	10.317	-243.76	30.32	-14.33	-9.18	-4.72
-17.0D	9.980	-257.49	34.76	-8.40	-8.37	-5.44
-18.0	9.623	-272.20	34.30	-1.31	-7.39	-6.16
-19.0	9.291	-287.99	30.24	6.33	-6.25	-6.87
-20.0	9.011	-304.84	24.20	13.83	-4.96	-7.53
-21.0	8.802	-322.65	16.29	20.25	-3.51	-8.07
-22.0E	8.687	-341.16	5.92	24.27	-1.94	-8.47
-23.0E	8.688	-359.94	-6.24	24.60	-0.30	-8.68
-24.0E	8.812	-378.48	-17.66	21.03	1.32	-8.71
-25.0E	9.037	-396.31	-25.64	14.71	2.87	-8.57
-26.0E	9.320	-413.17	-28.91	7.47	4.30	-8.27
-27.0E	9.613	-429.03	-27.82	0.80	5.58	-7.83
-28.0	9.878	-444.01	-23.54	-4.53	6.68	-7.28
-29.0	10.088	-458.29	-17.22	-8.29	7.60	-6.63
-30.0	10.226	-472.11	-9.69	-10.48	8.36	-5.90

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-10.00	0.0	10.00
-1.0	9.675	-14.53	33.64	-3.36	-1.11	9.61
-2.0	9.315	-30.13	36.28	5.41	-2.30	9.03
-3.0C	8.950	-47.05	33.89	15.71	-3.54	8.22
-4.0D	8.655	-65.30	21.92	24.80	-4.80	7.20
-5.0D	8.530	-84.48	1.76	28.65	-6.02	6.04
-6.0D	8.624	-103.71	-19.79	25.09	-7.17	4.79
-7.0D	8.917	-122.05	-36.41	15.60	-8.19	3.53
-8.0D	9.340	-138.94	-44.67	3.91	-9.05	2.31
-9.0C	9.801	-154.27	-44.15	-6.57	-9.73	1.18
-10.0C	10.220	-168.26	-36.91	-14.28	-10.22	0.15
-11.0C	10.543	-181.28	-25.82	-19.14	-10.51	-0.78
-12.0C	10.742	-193.69	-13.04	-21.62	-10.62	-1.64
-13.0C	10.808	-205.81	0.24	-22.13	-10.53	-2.43
-14.0C	10.738	-217.96	13.21	-20.82	-10.26	-3.18
-15.0C	10.543	-230.43	24.71	-17.69	-9.79	-3.91
-16.0D	10.244	-243.52	32.86	-12.77	-9.13	-4.64
-17.0D	9.889	-257.49	35.74	-6.35	-8.29	-5.39
-18.0	9.531	-272.50	33.39	0.95	-7.29	-6.14
-19.0	9.216	-288.58	27.98	8.44	-6.13	-6.88
-20.0	8.963	-305.68	21.35	15.44	-4.82	-7.56
-21.0	8.784	-323.64	13.41	21.15	-3.36	-8.12
-22.0E	8.696	-342.19	3.45	24.39	-1.78	-8.51
-23.0E	8.718	-360.92	-7.85	24.12	-0.16	-8.72
-24.0E	8.853	-379.34	-18.12	20.33	1.46	-8.73
-25.0E	9.077	-397.04	-24.96	14.21	3.00	-8.57
-26.0E	9.348	-413.81	-27.34	7.44	4.41	-8.24
-27.0E	9.622	-429.65	-25.72	1.32	5.67	-7.78
-28.0	9.864	-444.68	-21.18	-3.46	6.75	-7.19
-29.0	10.049	-459.09	-14.81	-6.72	7.66	-6.50
-30.0	10.164	-473.09	-7.38	-8.45	8.40	-5.72

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-10.00	0.0	10.00
-1.0	9.675	-14.52	33.66	-3.37	-1.11	9.61
-2.0	9.313	-30.14	36.81	5.53	-2.30	9.02
-3.0C	8.939	-47.08	34.85	16.13	-3.54	8.21
-4.0D	8.637	-65.41	22.42	25.53	-4.80	7.18
-5.0D	8.512	-84.68	1.08	29.31	-6.03	6.01
-6.0D	8.619	-103.96	-21.55	25.23	-7.19	4.76
-7.0D	8.933	-122.28	-38.66	15.04	-8.22	3.50
-8.0D	9.378	-139.06	-46.65	2.86	-9.09	2.30
-9.0C	9.855	-154.23	-45.17	-7.74	-9.78	1.19
-10.0C	10.278	-168.07	-36.73	-15.26	-10.28	0.19
-11.0C	10.594	-180.96	-24.60	-19.80	-10.57	-0.73
-12.0C	10.776	-193.27	-11.01	-21.93	-10.66	-1.56
-13.0C	10.818	-205.35	2.89	-22.04	-10.56	-2.34
-14.0C	10.719	-217.52	16.29	-20.26	-10.26	-3.09
-15.0C	10.491	-230.09	27.79	-16.57	-9.77	-3.83
-16.0D	10.165	-243.37	35.03	-11.07	-9.07	-4.58
-17.0D	9.796	-257.60	36.11	-4.23	-8.20	-5.35
-18.0	9.445	-272.91	31.91	3.16	-7.18	-6.14
-19.0	9.151	-289.27	25.41	10.35	-6.01	-6.90
-20.0	8.926	-306.58	18.44	16.77	-4.68	-7.60
-21.0	8.776	-324.65	10.68	21.74	-3.21	-8.17
-22.0E	8.713	-343.20	1.32	24.26	-1.64	-8.56
-23.0E	8.753	-361.85	-8.97	23.54	-0.01	-8.75
-24.0E	8.893	-380.14	-18.06	19.71	1.59	-8.75
-25.0E	9.111	-397.74	-23.84	13.92	3.11	-8.56
-26.0E	9.366	-414.46	-25.50	7.68	4.51	-8.21
-27.0E	9.620	-430.31	-23.51	2.14	5.75	-7.71
-28.0	9.838	-445.43	-18.87	-2.12	6.83	-7.08
-29.0	10.000	-460.00	-12.56	-4.89	7.73	-6.35
-30.0	10.092	-474.23	-5.33	-6.18	8.46	-5.51

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-5.00	0.0	10.00
-1.0	9.687	-14.82	31.02	1.53	-1.16	9.62
-2.0	9.372	-30.64	30.13	9.20	-2.40	9.06
-3.0C	9.085	-47.54	25.13	17.14	-3.67	8.31
-4.0C	8.878	-65.42	14.19	23.32	-4.94	7.38
-5.0D	8.811	-83.87	-1.43	25.37	-6.16	6.30
-6.0D	8.910	-102.26	-17.59	22.20	-7.28	5.14
-7.0D	9.158	-119.92	-30.07	14.95	-8.27	3.94
-8.0C	9.504	-136.45	-36.52	6.03	-9.10	2.75
-9.0C	9.884	-151.76	-36.81	-2.32	-9.75	1.62
-10.0C	10.240	-165.96	-32.27	-8.93	-10.22	0.56
-11.0C	10.533	-179.28	-24.66	-13.56	-10.53	-0.42
-12.0C	10.739	-192.00	-15.39	-16.37	-10.66	-1.32
-13.0C	10.846	-204.37	-5.38	-17.60	-10.63	-2.17
-14.0C	10.849	-216.62	4.77	-17.39	-10.43	-2.97
-15.0C	10.750	-229.00	14.42	-15.77	-10.08	-3.74
-16.0C	10.558	-241.74	22.64	-12.75	-9.56	-4.49
-17.0D	10.296	-255.04	28.15	-8.39	-8.87	-5.24
-18.0D	9.996	-269.10	29.75	-2.97	-8.01	-5.98
-19.0	9.701	-284.02	27.30	2.95	-7.01	-6.71
-20.0	9.448	-299.80	21.85	8.63	-5.87	-7.40
-21.0	9.260	-316.33	14.72	13.33	-4.60	-8.04
-22.0	9.150	-333.39	6.78	16.40	-3.22	-8.56
-23.0	9.122	-350.73	-1.34	17.37	-1.77	-8.95
-24.0	9.175	-368.03	-8.83	16.17	-0.29	-9.17
-25.0	9.297	-385.02	-14.79	13.17	1.17	-9.22
-26.0	9.470	-401.48	-18.54	9.08	2.58	-9.11
-27.0	9.668	-417.33	-19.89	4.67	3.89	-8.85
-28.0	9.869	-432.54	-19.03	0.54	5.09	-8.46
-29.0	10.052	-447.18	-16.40	-2.91	6.16	-7.94
-30.0	10.200	-461.36	-12.42	-5.50	7.09	-7.33

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-5.00	0.0	10.00
-1.0	9.687	-14.82	31.05	1.52	-1.16	9.62
-2.0	9.370	-30.64	30.64	9.32	-2.40	9.06
-3.0C	9.075	-47.57	26.13	17.56	-3.67	8.30
-4.0C	8.858	-65.52	15.03	24.10	-4.94	7.35
-5.0D	8.786	-84.08	-1.48	26.27	-6.16	6.26
-6.0D	8.891	-102.56	-18.71	22.84	-7.29	5.09
-7.0D	9.155	-120.28	-31.87	15.06	-8.29	3.88
-8.0C	9.520	-136.79	-38.36	5.67	-9.13	2.70
-9.0C	9.916	-152.02	-38.09	-2.93	-9.79	1.58
-10.0C	10.281	-166.12	-32.71	-9.56	-10.27	0.54
-11.0C	10.575	-179.35	-24.25	-14.03	-10.57	-0.43
-12.0C	10.772	-191.99	-14.24	-16.61	-10.69	-1.32
-13.0C	10.864	-204.31	-3.61	-17.55	-10.65	-2.16
-14.0C	10.846	-216.56	7.02	-17.00	-10.44	-2.96
-15.0C	10.723	-228.99	16.94	-14.97	-10.05	-3.73
-16.0C	10.506	-241.85	24.99	-11.47	-9.50	-4.49
-17.0D	10.223	-255.34	29.57	-6.67	-8.78	-5.24
-18.0D	9.917	-269.64	29.56	-1.00	-7.89	-6.00
-19.0	9.633	-284.81	25.37	4.80	-6.87	-6.75
-20.0	9.407	-300.80	18.67	9.94	-5.72	-7.47
-21.0	9.254	-317.42	11.05	13.77	-4.44	-8.12
-22.0	9.181	-334.46	3.39	15.86	-3.08	-8.65
-23.0	9.183	-351.64	-3.79	16.03	-1.64	-9.04
-24.0	9.254	-368.70	-9.89	14.41	-0.19	-9.25
-25.0	9.380	-385.41	-14.34	11.47	1.25	-9.30
-26.0	9.541	-401.63	-16.78	7.84	2.62	-9.17
-27.0	9.716	-417.31	-17.19	4.10	3.91	-8.89
-28.0	9.886	-432.45	-15.79	0.73	5.09	-8.48
-29.0	10.034	-447.13	-12.95	-1.99	6.14	-7.94
-30.0	10.147	-461.44	-9.00	-3.89	7.06	-7.28

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-5.00	0.0	10.00
-1.0	9.688	-14.81	31.07	1.52	-1.16	9.62
-2.0	9.368	-30.64	31.15	9.43	-2.40	9.06
-3.0C	9.064	-47.60	27.12	17.97	-3.67	8.29
-4.0C	8.838	-65.62	15.82	24.87	-4.94	7.33
-5.0D	8.762	-84.28	-1.64	27.14	-6.17	6.22
-6.0D	8.875	-102.86	-19.95	23.39	-7.31	5.04
-7.0D	9.155	-120.61	-33.74	15.06	-8.31	3.83
-8.0C	9.539	-137.09	-40.17	5.20	-9.16	2.66
-9.0C	9.951	-152.23	-39.25	-3.60	-9.83	1.55
-10.0C	10.324	-166.23	-32.96	-10.19	-10.31	0.52
-11.0C	10.615	-179.36	-23.63	-14.48	-10.61	-0.43
-12.0C	10.802	-191.92	-12.90	-16.80	-10.72	-1.32
-13.0C	10.877	-204.21	-1.69	-17.44	-10.66	-2.14
-14.0C	10.837	-216.47	9.40	-16.52	-10.43	-2.94
-15.0C	10.688	-228.98	19.53	-14.05	-10.02	-3.71
-16.0C	10.446	-241.97	27.23	-10.07	-9.44	-4.48
-17.0D	10.146	-255.67	30.64	-4.85	-8.68	-5.25
-18.0D	9.838	-270.22	28.83	0.97	-7.77	-6.03
-19.0	9.570	-285.64	22.94	6.51	-6.73	-6.81
-20.0	9.375	-301.80	15.21	10.99	-5.56	-7.54
-21.0	9.260	-318.49	7.32	13.39	-4.29	-8.20
-22.0	9.223	-335.46	0.06	15.00	-2.94	-8.74
-23.0	9.255	-352.44	-6.15	14.39	-1.53	-9.13
-24.0	9.344	-369.22	-10.91	12.39	-0.10	-9.34
-25.0	9.472	-385.62	-13.95	9.50	1.30	-9.38
-26.0	9.623	-401.57	-15.15	6.26	2.64	-9.25
-27.0	9.776	-417.04	-14.62	3.15	3.89	-8.97
-28.0	9.917	-432.06	-12.63	0.49	5.04	-8.54
-29.0	10.030	-446.72	-9.45	-1.49	6.08	-7.98
-30.0	10.107	-461.12	-5.38	-2.64	7.00	-7.29

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	-5.00	0.0	10.00
-1.0	9.688	-14.81	31.09	1.51	-1.16	9.62
-2.0	9.366	-30.65	31.65	9.54	-2.40	9.05
-3.0C	9.054	-47.63	28.11	18.39	-3.67	8.28
-4.0C	8.819	-65.72	16.56	25.63	-4.94	7.30
-5.0D	8.740	-84.49	-1.91	27.96	-6.17	6.19
-6.0D	8.861	-103.15	-21.30	23.86	-7.32	4.99
-7.0D	9.158	-120.93	-35.67	14.96	-8.34	3.79
-8.0C	9.562	-137.36	-41.93	4.65	-9.20	2.62
-9.0C	9.988	-152.41	-40.25	-4.31	-9.87	1.53
-10.0C	10.366	-166.29	-33.00	-10.80	-10.35	0.51
-11.0C	10.653	-179.33	-22.82	-14.88	-10.64	-0.43
-12.0	10.829	-191.83	-11.41	-16.94	-10.75	-1.30
-13.0C	10.886	-204.08	0.36	-17.26	-10.68	-2.12
-14.0C	10.823	-216.37	11.88	-15.96	-10.42	-2.91
-15.0C	10.647	-228.96	22.13	-13.03	-9.99	-3.69
-16.0C	10.380	-242.11	29.28	-8.56	-9.37	-4.48
-17.0D	10.066	-256.04	31.25	-2.97	-8.58	-5.27
-18.0D	9.761	-270.85	27.53	2.89	-7.64	-6.07
-19.0	9.516	-286.49	20.08	8.04	-6.59	-6.87
-20.0	9.354	-302.80	11.56	11.73	-5.42	-7.62
-21.0	9.277	-319.51	3.57	13.65	-4.16	-8.29
-22.0	9.277	-336.36	-3.21	13.79	-2.82	-8.84
-23.0	9.338	-353.10	-8.49	12.44	-1.44	-9.23
-24.0	9.444	-369.56	-12.05	10.05	-0.05	-9.44
-25.0	9.578	-385.62	-13.85	7.14	1.31	-9.49
-26.0	9.722	-401.24	-13.95	4.18	2.61	-9.37
-27.0	9.858	-416.43	-12.56	1.53	3.83	-9.09
-28.0	9.974	-431.25	-9.91	-0.54	4.95	-8.66
-29.0	10.058	-445.79	-6.25	-1.86	5.97	-8.10
-30.0	10.100	-460.17	-1.82	-2.30	6.87	-7.40

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	0.0	0.0	10.00
-1.0	9.700	-15.11	28.41	6.39	-1.21	9.62
-2.0	9.425	-31.14	24.97	13.17	-2.49	9.09
-3.0C	9.201	-48.08	18.24	19.38	-3.79	8.38
-4.0C	9.066	-65.72	7.44	23.40	-5.08	7.51
-5.0C	9.058	-83.66	-6.01	23.74	-6.30	6.50
-6.0C	9.187	-101.36	-18.92	20.09	-7.42	5.41
-7.0C	9.433	-118.35	-28.32	13.64	-8.40	4.29
-8.0C	9.749	-134.35	-32.76	6.24	-9.22	3.16
-9.0C	10.086	-149.30	-32.43	-0.58	-9.87	2.08
-10.0C	10.400	-163.33	-28.50	-6.04	-10.35	1.05
-11.0	10.661	-176.61	-22.27	-9.99	-10.66	0.08
-12.0	10.851	-189.34	-14.74	-12.51	-10.82	-0.84
-13.0	10.961	-201.75	-6.54	-13.76	-10.83	-1.70
-14.0	10.984	-214.01	1.89	-13.83	-10.69	-2.52
-15.0C	10.922	-226.33	10.14	-12.74	-10.41	-3.32
-16.0C	10.780	-238.90	17.58	-10.48	-9.97	-4.10
-17.0C	10.569	-251.91	23.24	-7.10	-9.38	-4.87
-18.0D	10.314	-265.52	25.92	-2.77	-8.64	-5.64
-19.0D	10.052	-279.83	24.80	2.04	-7.75	-6.40
-20.0	9.819	-294.86	20.11	6.62	-6.74	-7.14
-21.0	9.648	-310.50	13.07	10.22	-5.62	-7.84
-22.0	9.555	-326.57	5.09	12.24	-4.41	-8.48
-23.0	9.544	-342.81	-2.69	12.43	-3.13	-9.02
-24.0	9.607	-358.95	-9.43	10.89	-1.82	-9.43
-25.0	9.731	-374.78	-14.58	8.02	-0.51	-9.72
-26.0	9.899	-390.13	-17.89	4.36	0.77	-9.87
-27.0	10.091	-404.93	-19.36	0.44	1.99	-9.89
-28.0	10.289	-419.17	-19.17	-3.32	3.12	-9.80
-29.0	10.478	-432.87	-17.59	-6.67	4.17	-9.61
-30.0	10.645	-446.10	-14.89	-9.45	5.13	-9.33

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.C	10.000	0.0	30.00	0.0	0.0	10.00
-1.C	9.700	-15.10	28.43	6.38	-1.21	9.62
-2.0	9.423	-31.15	25.46	13.28	-2.49	9.09
-3.0C	9.191	-48.11	19.25	19.78	-3.79	8.37
-4.0C	9.045	-65.82	8.47	24.18	-5.08	7.48
-5.0C	9.029	-83.87	-5.57	24.76	-6.31	6.46
-6.0C	9.158	-101.70	-19.34	21.06	-7.43	5.35
-7.0C	9.412	-118.79	-29.38	14.32	-8.42	4.21
-8.0C	9.740	-134.85	-34.00	6.59	-9.24	3.08
-9.0C	10.089	-149.82	-33.41	-0.44	-9.89	1.99
-10.0C	10.411	-163.84	-28.97	-5.98	-10.37	0.96
-11.0	10.674	-177.10	-22.18	-9.88	-10.67	-0.02
-12.0	10.860	-189.83	-14.14	-12.28	-10.82	-0.93
-13.0	10.961	-202.25	-5.51	-13.35	-10.81	-1.79
-14.0	10.972	-214.55	3.29	-13.19	-10.66	-2.62
-15.0C	10.895	-226.94	11.79	-11.81	-10.34	-3.42
-16.0C	10.735	-239.63	19.22	-9.22	-9.88	-4.20
-17.0C	10.509	-252.80	24.36	-5.50	-9.25	-4.99
-18.0D	10.249	-266.61	25.87	-0.98	-8.47	-5.76
-19.0D	9.995	-281.13	23.13	3.73	-7.56	-6.53
-20.0	9.787	-296.33	16.94	7.80	-6.53	-7.29
-21.0	9.654	-312.05	8.94	10.50	-5.41	-8.00
-22.0	9.605	-328.05	0.69	11.41	-4.21	-8.63
-23.0	9.637	-344.06	-6.74	10.51	-2.96	-9.17
-24.0	9.738	-359.84	-12.72	8.10	-1.69	-9.59
-25.0	9.892	-375.21	-16.92	4.67	-0.44	-9.88
-26.0	10.078	-390.05	-19.32	0.75	0.77	-10.05
-27.0	10.281	-404.32	-20.04	-3.19	1.92	-10.10
-28.0	10.483	-418.02	-19.31	-6.86	2.98	-10.05
-29.0	10.672	-431.21	-17.37	-10.07	3.96	-9.91
-30.0	10.835	-443.95	-14.44	-12.71	4.86	-9.69

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	0.0	0.0	10.00
-1.0	9.701	-15.10	28.46	6.38	-1.21	9.62
-2.0	9.421	-31.15	25.95	13.39	-2.49	9.09
-3.0C	9.181	-48.14	20.25	20.18	-3.79	8.36
-4.0C	9.025	-65.92	9.47	24.96	-5.08	7.46
-5.0C	9.001	-84.08	-5.24	25.75	-6.31	6.42
-6.0D	9.132	-102.03	-19.92	21.94	-7.44	5.29
-7.0C	9.395	-119.21	-30.61	14.86	-8.43	4.14
-8.0C	9.737	-135.31	-35.34	6.79	-9.26	3.01
-9.0C	10.098	-150.28	-34.39	-0.46	-9.92	1.91
-10.0C	10.427	-164.28	-29.37	-6.04	-10.39	0.88
-11.0	10.691	-177.51	-21.98	-9.86	-10.69	-0.09
-12.0	10.872	-190.22	-13.40	-12.12	-10.83	-1.00
-13.0	10.963	-202.64	-4.31	-12.99	-10.80	-1.87
-14.0C	10.960	-214.97	4.87	-12.57	-10.62	-2.69
-15.0C	10.865	-227.44	13.61	-10.88	-10.29	-3.50
-16.0C	10.686	-240.25	20.95	-7.92	-9.79	-4.29
-17.0C	10.446	-253.59	25.40	-3.87	-9.13	-5.08
-18.0D	10.182	-267.61	25.52	0.80	-8.32	-5.87
-19.0D	9.940	-282.34	21.08	5.31	-7.38	-6.66
-20.0	9.762	-297.69	13.46	8.76	-6.34	-7.42
-21.0	9.669	-313.45	4.66	10.50	-5.22	-8.14
-22.0	9.665	-329.35	-3.75	10.30	-4.04	-8.78
-23.0	9.741	-345.11	-10.87	8.34	-2.82	-9.32
-24.0	9.881	-360.51	-16.26	5.08	-1.60	-9.75
-25.0	10.067	-375.39	-19.81	1.06	-0.42	-10.06
-26.0	10.280	-389.68	-21.59	-3.20	0.72	-10.26
-27.0	10.504	-403.35	-21.79	-7.33	1.78	-10.35
-28.0	10.721	-416.44	-20.61	-11.06	2.77	-10.36
-29.0	10.921	-429.01	-18.22	-14.25	3.67	-10.29
-30.0	11.091	-441.15	-14.82	-16.84	4.48	-10.15

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	0.0	0.0	10.00
-1.0	9.701	-15.10	28.48	6.37	-1.21	9.62
-2.0	9.419	-31.15	26.44	13.49	-2.49	9.08
-3.0C	9.171	-48.17	21.25	20.58	-3.79	8.35
-4.0C	9.004	-66.01	10.43	25.74	-5.08	7.43
-5.0D	8.974	-84.28	-5.02	26.71	-6.32	6.38
-6.0D	9.107	-102.35	-20.66	22.75	-7.45	5.24
-7.0C	9.382	-119.61	-31.98	15.29	-8.45	4.08
-8.0C	9.739	-135.73	-36.75	6.84	-9.29	2.94
-9.0C	10.112	-150.69	-35.35	-0.59	-9.94	1.84
-10.0C	10.447	-164.64	-29.67	-6.19	-10.42	0.81
-11.0	10.711	-177.84	-21.64	-9.91	-10.71	-0.15
-12.0	10.886	-190.52	-12.51	-12.00	-10.83	-1.06
-13.0	10.966	-202.93	-2.95	-12.65	-10.80	-1.92
-14.0C	10.947	-215.30	6.61	-11.95	-10.60	-2.75
-15.0C	10.832	-227.85	15.56	-9.91	-10.23	-3.56
-16.0C	10.634	-240.79	22.71	-6.57	-9.70	-4.36
-17.0C	10.380	-254.31	26.26	-2.20	-9.00	-5.16
-18.0D	10.115	-268.54	24.79	2.56	-8.17	-5.97
-19.0D	9.889	-283.48	18.60	6.76	-7.21	-6.77
-20.0	9.744	-298.96	9.69	9.49	-6.16	-7.55
-21.0	9.693	-314.73	0.26	10.21	-5.05	-8.27
-22.0	9.735	-330.49	-8.24	8.90	-3.89	-8.92
-23.0	9.856	-345.96	-15.10	5.92	-2.71	-9.48
-24.0	10.037	-360.95	-20.06	1.84	-1.55	-9.92
-25.0	10.260	-375.32	-23.13	-2.75	-0.44	-10.25
-26.0	10.504	-389.02	-24.41	-7.37	0.61	-10.49
-27.0	10.753	-402.07	-24.02	-11.65	1.59	-10.64
-28.0D	10.990	-414.52	-22.06	-15.38	2.48	-10.71
-29.0D	11.200	-426.44	-18.68	-18.44	3.28	-10.71
-30.0D	11.368	-437.95	-14.11	-20.79	4.01	-10.64

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	5.00	0.0	10.00
-1.0	9.714	-15.39	25.76	11.23	-1.26	9.63
-2.0	9.479	-31.64	19.76	17.09	-2.58	9.12
-3.0C	9.318	-48.61	11.29	21.58	-3.92	8.45
-4.0C	9.257	-66.01	0.45	23.52	-5.23	7.64
-5.0C	9.311	-83.44	-11.13	22.23	-6.45	6.71
-6.0C	9.479	-100.46	-21.10	18.03	-7.57	5.70
-7.0C	9.731	-116.76	-27.64	12.13	-8.54	4.66
-8.0C	10.030	-132.15	-30.21	5.89	-9.36	3.62
-9.0C	10.337	-146.66	-29.30	0.27	-10.01	2.60
-10.0	10.621	-160.36	-25.87	-4.29	-10.50	1.61
-11.0	10.861	-173.41	-20.84	-7.69	-10.84	0.68
-12.0	11.044	-185.98	-14.84	-10.02	-11.04	-0.20
-13.0	11.163	-198.21	-8.27	-11.37	-11.11	-1.05
-14.0	11.212	-210.27	-1.39	-11.79	-11.06	-1.86
-15.0	11.191	-222.31	5.62	-11.30	-10.87	-2.64
-16.0	11.098	-234.49	12.47	-9.86	-10.56	-3.42
-17.0C	10.938	-246.97	18.63	-7.43	-10.11	-4.18
-18.0C	10.722	-259.89	23.21	-4.03	-9.51	-4.95
-19.0C	10.473	-273.41	25.06	0.14	-8.77	-5.72
-20.0D	10.222	-287.60	23.25	4.61	-7.90	-6.49
-21.0D	10.009	-302.44	17.85	8.64	-6.91	-7.24
-22.0	9.866	-317.81	9.96	11.44	-5.83	-7.96
-23.0	9.809	-333.48	1.09	12.44	-4.67	-8.62
-24.0	9.842	-349.18	-7.43	11.48	-3.47	-9.21
-25.0	9.957	-364.62	-14.66	8.81	-2.26	-9.70
-26.0	10.136	-379.61	-20.05	4.96	-1.07	-10.08
-27.0	10.360	-393.99	-23.42	0.54	0.07	-10.36
-28.0	10.608	-407.71	-24.81	-3.91	1.15	-10.55
-29.0	10.861	-420.79	-24.37	-8.02	2.14	-10.65
-30.0D	11.101	-433.27	-22.32	-11.56	3.05	-10.67

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	5.00	0.0	10.00
-1.0	9.714	-15.39	25.78	11.23	-1.26	9.63
-2.0	9.477	-31.65	20.22	17.19	-2.58	9.12
-3.0C	9.309	-48.64	12.28	21.96	-3.92	8.44
-4.0C	9.235	-66.10	1.63	24.29	-5.23	7.61
-5.0C	9.280	-83.64	-10.24	23.32	-6.46	6.66
-6.0C	9.440	-100.82	-20.75	19.25	-7.57	5.63
-7.0C	9.692	-117.26	-27.78	13.30	-8.55	4.57
-8.0C	9.994	-132.79	-30.58	6.93	-9.36	3.50
-9.0C	10.305	-147.41	-29.64	1.20	-10.01	2.46
-10.0	10.591	-161.22	-26.02	-3.40	-10.49	1.45
-11.0	10.831	-174.37	-20.74	-6.80	-10.82	0.50
-12.0	11.012	-187.03	-14.50	-9.07	-11.00	-0.40
-13.0	11.126	-199.37	-7.72	-10.31	-11.05	-1.27
-14.0	11.169	-211.55	-0.64	-10.60	-10.97	-2.09
-15.0	11.139	-223.73	6.51	-9.92	-10.76	-2.90
-16.0C	11.036	-236.07	13.39	-8.25	-10.40	-3.68
-17.0C	10.868	-248.74	19.31	-5.57	-9.91	-4.47
-18.0C	10.648	-261.89	23.17	-1.98	-9.27	-5.24
-19.0D	10.406	-275.64	23.70	2.18	-8.49	-6.02
-20.0D	10.177	-290.03	20.25	6.29	-7.58	-6.79
-21.0D	10.003	-305.00	13.41	9.52	-6.58	-7.54
-22.0	9.910	-320.36	4.70	11.17	-5.49	-8.25
-23.0	9.908	-335.84	-4.26	10.88	-4.36	-8.90
-24.0	9.993	-351.18	-12.28	8.75	-3.20	-9.47
-25.0	10.153	-366.12	-18.65	5.23	-2.05	-9.94
-26.0	10.368	-380.50	-23.02	0.90	-0.93	-10.33
-27.0	10.617	-394.23	-25.32	-3.64	0.12	-10.62
-28.0D	10.879	-407.30	-25.61	-7.94	1.10	-10.82
-29.0D	11.134	-419.73	-24.01	-11.71	2.00	-10.95
-30.0D	11.364	-431.62	-20.74	-14.80	2.81	-11.01

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	5.00	0.0	10.00
-1.0	9.714	-15.39	25.80	11.22	-1.26	9.63
-2.0	9.475	-31.65	20.69	17.29	-2.58	9.12
-3.0C	9.299	-48.66	13.27	22.34	-3.92	8.43
-4.0C	9.215	-66.20	2.79	25.06	-5.23	7.59
-5.0C	9.248	-83.85	-9.44	24.39	-6.46	6.62
-6.0C	9.404	-101.16	-20.57	20.42	-7.58	5.57
-7.0C	9.657	-117.75	-28.14	14.36	-8.56	4.48
-8.0C	9.964	-133.40	-31.16	7.82	-9.37	3.39
-9.0C	10.280	-148.11	-30.14	1.95	-10.01	2.33
-10.0	10.570	-162.00	-26.26	-2.71	-10.49	1.31
-11.0	10.811	-175.22	-20.66	-6.09	-10.81	0.34
-12.0	10.990	-187.95	-14.11	-8.28	-10.97	-0.58
-13.0	11.098	-200.37	-7.06	-9.41	-11.00	-1.46
-14.0	11.133	-212.65	0.26	-9.53	-10.89	-2.30
-15.0	11.093	-224.95	7.60	-8.64	-10.65	-3.11
-16.0C	10.979	-237.45	14.49	-6.71	-10.26	-3.91
-17.0C	10.801	-250.31	20.07	-3.77	-9.72	-4.71
-18.0C	10.578	-263.67	23.02	-0.01	-9.04	-5.49
-19.0D	10.344	-277.64	22.05	4.07	-8.22	-6.27
-20.0D	10.141	-292.22	16.93	7.71	-7.29	-7.05
-21.0D	10.008	-307.28	8.81	10.06	-6.28	-7.79
-22.0	9.965	-322.58	-0.49	10.55	-5.20	-8.50
-23.0	10.016	-337.85	-9.41	9.06	-4.09	-9.14
-24.0	10.152	-352.80	-16.93	5.92	-2.98	-9.71
-25.0	10.356	-367.24	-22.48	1.70	-1.89	-10.18
-26.0D	10.605	-381.03	-25.84	-2.95	-0.86	-10.57
-27.0D	10.876	-394.14	-26.92	-7.48	0.11	-10.88
-28.0D	11.148	-406.59	-25.77	-11.50	0.99	-11.10
-29.0D	11.397	-418.45	-22.59	-14.79	1.79	-11.25
-30.0D	11.604	-429.83	-17.73	-17.29	2.51	-11.33

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	5.00	0.0	10.00
-1.0	9.715	-15.39	25.81	11.21	-1.26	9.63
-2.0	9.473	-31.65	21.16	17.39	-2.58	9.11
-3.0C	9.290	-48.69	14.26	22.73	-3.92	8.42
-4.0C	9.194	-66.29	3.91	25.83	-5.23	7.56
-5.0C	9.218	-84.06	-8.73	25.45	-6.46	6.57
-6.0C	9.370	-101.51	-20.57	21.52	-7.58	5.50
-7.0C	9.626	-118.22	-28.71	15.31	-8.56	4.39
-8.0C	9.940	-133.97	-31.94	8.54	-9.38	3.29
-9.0C	10.264	-148.76	-30.77	2.52	-10.02	2.21
-10.0	10.559	-162.70	-26.56	-2.19	-10.49	1.18
-11.0	10.801	-175.96	-20.57	-5.55	-10.80	0.20
-12.0	10.977	-188.74	-13.67	-7.66	-10.95	-0.73
-13.0	11.079	-201.23	-6.29	-8.65	-10.96	-1.62
-14.0	11.104	-213.59	1.32	-8.58	-10.83	-2.47
-15.0	11.052	-226.00	8.85	-7.45	-10.55	-3.29
-16.0C	10.926	-238.64	15.74	-5.24	-10.12	-4.11
-17.0C	10.736	-251.68	20.86	-2.03	-9.55	-4.91
-18.0C	10.510	-265.25	22.70	1.86	-8.83	-5.70
-19.0D	10.287	-279.44	20.11	5.79	-7.98	-6.49
-20.0D	10.113	-294.18	13.37	8.87	-7.03	-7.27
-21.0D	10.022	-309.29	4.15	10.28	-6.01	-8.02
-22.0	10.030	-324.50	-5.58	9.64	-4.94	-8.73
-23.0	10.133	-339.51	-14.35	7.07	-3.87	-9.37
-24.0	10.317	-354.08	-21.29	3.08	-2.80	-9.93
-25.0D	10.560	-368.02	-25.94	-1.64	-1.79	-10.41
-26.0D	10.839	-381.26	-28.05	-6.41	-0.83	-10.81
-27.0D	11.125	-393.80	-27.56	-10.73	0.04	-11.13
-28.0D	11.394	-405.72	-24.60	-14.29	0.84	-11.36
-29.0D	11.621	-417.11	-19.58	-16.98	1.56	-11.52
-30.0D	11.789	-428.10	-13.09	-18.79	2.21	-11.58

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	10.00	0.0	10.00
-1.0	9.727	-15.68	23.06	16.06	-1.32	9.64
-2.0	9.534	-32.14	14.49	20.96	-2.68	9.15
-3.0C	9.437	-49.12	4.25	23.74	-4.05	8.53
-4.0C	9.450	-66.28	-6.81	23.69	-5.37	7.77
-5.0C	9.573	-83.21	-17.02	20.80	-6.61	6.93
-6.0C	9.789	-99.56	-24.72	15.90	-7.72	6.01
-7.0C	10.067	-115.11	-29.09	10.12	-8.70	5.07
-8.0	10.373	-129.80	-30.30	4.46	-9.51	4.13
-9.0	10.679	-143.65	-29.06	-0.52	-10.18	3.22
-10.0	10.962	-156.76	-26.18	-4.62	-10.71	2.34
-11.0	11.211	-169.26	-22.27	-7.87	-11.11	1.51
-12.0	11.416	-181.27	-17.71	-10.34	-11.39	0.73
-13.0	11.572	-192.90	-12.72	-12.11	-11.57	-0.01
-14.0	11.675	-204.28	-7.42	-13.23	-11.65	-0.72
-15.0	11.722	-215.51	-1.84	-13.73	-11.64	-1.40
-16.0	11.712	-226.71	3.97	-13.59	-11.53	-2.06
-17.0	11.640	-237.99	10.01	-12.74	-11.32	-2.72
-18.0	11.506	-249.47	16.18	-11.10	-11.00	-3.38
-19.0	11.310	-261.30	22.22	-8.54	-10.56	-4.05
-20.0C	11.055	-273.62	27.45	-4.96	-9.99	-4.74
-21.0C	10.755	-286.60	30.62	-0.34	-9.27	-5.45
-22.0D	10.441	-300.35	30.17	4.99	-8.41	-6.18
-23.0D	10.154	-314.93	25.19	10.30	-7.43	-6.92
-24.0D	9.939	-330.25	16.32	14.55	-6.34	-7.66
-25.0	9.827	-346.06	5.30	16.77	-5.16	-8.36
-26.0	9.831	-362.03	-5.98	16.44	-3.94	-9.01
-27.0	9.946	-377.80	-16.06	13.69	-2.71	-9.57
-28.0	10.153	-393.05	-24.03	9.17	-1.49	-10.04
-29.0	10.429	-407.57	-29.47	3.73	-0.33	-10.42
-30.0	10.746	-421.27	-32.29	-1.82	0.74	-10.72

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	10.00	0.0	10.00
-1.0	9.728	-15.68	23.07	16.05	-1.31	9.64
-2.0	9.532	-32.14	14.93	21.05	-2.68	9.15
-3.0C	9.428	-49.15	5.22	24.10	-4.05	8.52
-4.0C	9.429	-66.37	-5.55	24.42	-5.37	7.75
-5.0C	9.540	-83.41	-15.78	21.90	-6.61	6.88
-6.0C	9.744	-99.91	-23.70	17.25	-7.72	5.94
-7.0C	10.013	-115.64	-28.31	11.61	-8.69	4.97
-8.0	10.312	-130.51	-29.67	6.01	-9.51	3.99
-9.0	10.611	-144.56	-28.48	1.06	-10.17	3.04
-10.0	10.889	-157.88	-25.60	-3.02	-10.68	2.12
-11.0	11.131	-170.58	-21.68	-6.22	-11.06	1.25
-12.0	11.330	-182.80	-17.14	-8.64	-11.32	0.42
-13.0	11.480	-194.65	-12.20	-10.34	-11.47	-0.36
-14.0	11.578	-206.25	-6.94	-11.39	-11.52	-1.11
-15.0	11.621	-217.72	-1.41	-11.79	-11.48	-1.83
-16.0	11.606	-229.16	4.41	-11.51	-11.33	-2.53
-17.0	11.530	-240.70	10.47	-10.49	-11.07	-3.22
-18.0	11.392	-252.46	16.64	-8.62	-10.70	-3.91
-19.0	11.191	-264.60	22.46	-5.79	-10.20	-4.60
-20.0C	10.937	-277.25	26.97	-1.96	-9.56	-5.31
-21.0C	10.649	-290.58	28.64	2.70	-8.78	-6.03
-22.CD	10.366	-304.65	26.03	7.65	-7.87	-6.75
-23.0D	10.132	-319.44	18.99	11.97	-6.84	-7.47
-24.0D	9.988	-334.79	8.90	14.67	-5.74	-8.18
-25.0	9.953	-350.39	-2.22	15.07	-4.58	-8.84
-26.C	10.031	-365.91	-12.68	13.09	-3.39	-9.44
-27.0	10.207	-381.02	-21.38	9.19	-2.22	-9.96
-28.0	10.460	-395.48	-27.71	4.16	-1.10	-10.40
-29.0D	10.765	-409.17	-31.42	-1.22	-0.04	-10.76
-30.CD	11.094	-422.06	-32.43	-6.28	0.92	-11.06

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	10.00	0.0	10.00
-1.0	9.728	-15.68	23.09	16.04	-1.31	9.64
-2.0	9.530	-32.14	15.37	21.15	-2.68	9.15
-3.0C	9.419	-49.17	6.19	24.46	-4.05	8.51
-4.0C	9.408	-66.46	-4.30	25.16	-5.37	7.72
-5.0C	9.506	-83.61	-14.60	23.00	-6.61	6.83
-6.0C	9.700	-100.26	-22.81	18.58	-7.73	5.87
-7.0C	9.961	-116.16	-27.71	13.05	-8.69	4.86
-8.0	10.255	-131.22	-29.23	7.48	-9.50	3.85
-9.0	10.550	-145.45	-28.07	2.54	-10.15	2.86
-10.0	10.823	-158.95	-25.11	-1.51	-10.65	1.91
-11.0	11.060	-171.85	-21.09	-4.66	-11.02	1.00
-12.0	11.252	-184.26	-16.45	-7.00	-11.25	0.13
-13.0	11.395	-196.32	-11.41	-8.59	-11.37	-0.69
-14.0	11.485	-208.14	-6.07	-9.50	-11.39	-1.48
-15.0	11.518	-219.85	-0.42	-9.71	-11.30	-2.23
-16.0	11.493	-231.55	5.51	-9.20	-11.10	-2.97
-17.0	11.405	-243.39	11.65	-7.88	-10.79	-3.70
-18.0	11.255	-255.49	17.70	-5.65	-10.35	-4.41
-19.0C	11.046	-268.00	22.92	-2.47	-9.78	-5.13
-20.0C	10.793	-281.07	25.94	1.58	-9.07	-5.86
-21.0D	10.528	-294.81	25.18	6.08	-8.22	-6.58
-22.0D	10.294	-309.22	19.85	10.23	-7.25	-7.30
-23.0D	10.135	-324.19	10.81	13.06	-6.21	-8.01
-24.0D	10.079	-339.46	0.01	13.82	-5.10	-8.69
-25.0	10.134	-354.70	-10.63	12.27	-3.97	-9.32
-26.0	10.291	-369.61	-19.79	8.77	-2.85	-9.89
-27.0D	10.531	-383.92	-26.66	4.02	-1.77	-10.38
-28.0D	10.827	-397.50	-30.82	-1.17	-0.75	-10.80
-29.0D	11.151	-410.30	-32.05	-6.09	0.17	-11.15
-30.0D	11.473	-422.36	-30.42	-10.31	1.01	-11.43

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	10.00	0.0	10.00
-1.0	9.728	-15.68	23.11	16.04	-1.31	9.64
-2.0	9.529	-32.14	15.82	21.24	-2.68	9.14
-3.0C	9.410	-49.20	7.15	24.82	-4.05	8.50
-4.0C	9.388	-66.55	-3.06	25.90	-5.37	7.70
-5.0C	9.473	-83.81	-13.48	24.09	-6.61	6.78
-6.0C	9.657	-100.61	-22.05	19.88	-7.73	5.79
-7.0C	9.913	-116.68	-27.31	14.42	-8.70	4.76
-8.0C	10.204	-131.91	-29.02	8.84	-9.50	3.72
-9.0	10.497	-146.31	-27.86	3.89	-10.14	2.70
-10.0	10.767	-159.97	-24.78	-0.15	-10.63	1.71
-11.0	11.000	-173.03	-20.59	-3.25	-10.97	0.76
-12.0	11.186	-185.62	-15.75	-5.49	-11.19	-0.14
-13.0	11.321	-197.86	-10.53	-6.95	-11.28	-0.99
-14.0	11.400	-209.89	-4.98	-7.67	-11.26	-1.81
-15.0	11.421	-221.83	0.86	-7.65	-11.12	-2.60
-16.0	11.382	-233.80	6.96	-6.84	-10.87	-3.37
-17.0	11.279	-245.94	13.12	-5.16	-10.50	-4.13
-18.0C	11.115	-258.39	18.79	-2.55	-9.99	-4.87
-19.0C	10.900	-271.30	22.86	0.95	-9.34	-5.61
-20.0C	10.658	-284.79	23.71	5.02	-8.56	-6.35
-21.0D	10.430	-298.91	20.12	8.99	-7.65	-7.08
-22.0D	10.261	-313.57	12.34	11.91	-6.66	-7.81
-23.0D	10.187	-328.57	2.04	12.98	-5.60	-8.51
-24.0D	10.221	-343.60	-8.70	11.83	-4.52	-9.17
-25.0D	10.360	-358.35	-18.27	8.68	-3.44	-9.77
-26.0D	10.587	-372.56	-25.64	4.19	-2.40	-10.31
-27.0D	10.875	-386.07	-30.17	-0.81	-1.42	-10.78
-28.0D	11.194	-398.82	-31.56	-5.60	-0.52	-11.18
-29.0D	11.510	-410.85	-29.84	-9.68	0.29	-11.51
-30.0C	11.795	-422.26	-25.43	-12.86	1.02	-11.75

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	15.00	0.0	10.00
-1.0	9.741	-15.97	20.31	20.86	-1.37	9.65
-2.0	9.590	-32.63	9.16	24.77	-2.77	9.18
-3.0	9.557	-49.63	-2.85	25.87	-4.17	8.60
-4.0	9.646	-66.54	-14.37	23.91	-5.52	7.91
-5.0	9.844	-82.97	-23.79	19.47	-6.77	7.15
-6.0	10.122	-98.64	-30.14	13.68	-7.89	6.35
-7.0	10.450	-113.41	-33.41	7.59	-8.86	5.53
-8.0	10.797	-127.25	-34.24	1.90	-9.70	4.74
-9.0	11.144	-140.24	-33.39	-3.10	-10.41	3.99
-10.0	11.477	-152.46	-31.47	-7.38	-11.00	3.29
-11.0	11.785	-164.00	-28.80	-10.99	-11.48	2.65
-12.0	12.064	-174.98	-25.50	-14.03	-11.88	2.08
-13.0	12.305	-185.48	-21.62	-16.56	-12.20	1.58
-14.0	12.504	-195.60	-17.17	-18.62	-12.45	1.12
-15.0B	12.654	-205.43	-12.21	-20.22	-12.63	0.71
-16.0B	12.752	-215.06	-6.85	-21.32	-12.75	0.34
-17.0B	12.794	-224.58	-1.25	-21.91	-12.79	-0.02
-18.0B	12.777	-234.06	4.45	-21.97	-12.77	-0.37
-19.0	12.703	-243.61	10.09	-21.52	-12.68	-0.73
-20.0	12.571	-253.30	15.59	-20.55	-12.52	-1.11
-21.0	12.384	-263.23	20.97	-19.06	-12.29	-1.53
-22.0	12.143	-273.50	26.36	-16.95	-11.98	-2.00
-23.0	11.845	-284.23	31.96	-14.05	-11.57	-2.52
-24.0	11.488	-295.58	37.75	-10.05	-11.06	-3.11
-25.0C	11.074	-307.72	42.97	-4.58	-10.41	-3.78
-26.0C	10.618	-320.88	45.49	2.54	-9.61	-4.52
-27.0D	10.163	-335.24	42.37	10.89	-8.65	-5.33
-28.0D	9.776	-350.85	32.38	19.09	-7.56	-6.20
-29.0	9.518	-367.51	17.39	25.15	-6.36	-7.09
-30.0	9.426	-384.79	0.47	27.38	-5.07	-7.95

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	15.00	0.0	10.00
-1.0	9.742	-15.97	20.33	20.85	-1.37	9.65
-2.0	9.588	-32.63	9.58	24.86	-2.77	9.18
-3.0	9.548	-49.65	-1.93	26.20	-4.17	8.59
-4.0	9.626	-66.62	-13.09	24.59	-5.52	7.89
-5.0	9.810	-83.16	-22.38	20.51	-6.77	7.10
-6.0	10.074	-98.97	-28.74	15.01	-7.89	6.27
-7.0	10.387	-113.92	-32.08	9.12	-8.86	5.42
-8.0	10.722	-127.97	-33.01	3.55	-9.69	4.58
-9.0	11.057	-141.18	-32.33	-1.40	-10.39	3.78
-10.0	11.380	-153.62	-30.69	-5.67	-10.97	3.04
-11.0	11.682	-165.40	-28.44	-9.32	-11.44	2.35
-12.0	11.960	-176.59	-25.73	-12.46	-11.83	1.73
-13.0	12.207	-187.30	-22.57	-15.14	-12.15	1.18
-14.0	12.420	-197.59	-18.92	-17.41	-12.40	0.68
-15.0	12.592	-207.56	-14.78	-19.27	-12.59	0.24
-16.0B	12.720	-217.28	-10.19	-20.71	-12.72	-0.16
-17.0B	12.800	-226.83	-5.24	-21.69	-12.79	-0.52
-18.0B	12.827	-236.28	-0.06	-22.21	-12.80	-0.87
-19.0B	12.801	-245.73	5.19	-22.24	-12.74	-1.21
-20.0	12.721	-255.24	10.40	-21.80	-12.63	-1.56
-21.0	12.588	-264.89	15.55	-20.87	-12.44	-1.92
-22.0	12.403	-274.79	20.71	-19.43	-12.18	-2.31
-23.0	12.164	-285.02	26.09	-17.37	-11.85	-2.75
-24.0	11.867	-295.70	31.97	-14.49	-11.42	-3.24
-25.0	11.508	-306.99	38.34	-10.45	-10.87	-3.79
-26.0C	11.085	-319.10	44.28	-4.84	-10.17	-4.41
-27.0C	10.613	-332.24	47.19	2.55	-9.31	-5.09
-28.0D	10.142	-346.63	43.60	11.20	-8.29	-5.84
-29.0	9.747	-362.31	32.59	19.55	-7.14	-6.64
-30.0	9.491	-379.06	16.86	25.58	-5.88	-7.45

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	15.00	0.0	10.00
-1.0	9.742	-15.96	20.34	20.85	-1.36	9.65
-2.0	9.586	-32.63	10.00	24.95	-2.77	9.18
-3.0	9.540	-49.67	-1.00	26.54	-4.17	8.58
-4.0C	9.606	-66.70	-11.82	25.28	-5.52	7.86
-5.0	9.776	-83.35	-20.98	21.56	-6.77	7.06
-6.0	10.026	-99.31	-27.36	16.35	-7.88	6.19
-7.0	10.325	-114.44	-30.76	10.67	-8.86	5.31
-8.0	10.647	-128.70	-31.74	5.24	-9.68	4.43
-9.0	10.969	-142.13	-31.12	0.39	-10.37	3.58
-10.0	11.280	-154.81	-29.60	-3.82	-10.93	2.78
-11.0	11.573	-166.84	-27.58	-7.46	-11.39	2.05
-12.0	11.843	-178.28	-25.26	-10.61	-11.76	1.37
-13.0	12.089	-189.23	-22.66	-13.35	-12.06	0.76
-14.0	12.306	-199.75	-19.73	-15.73	-12.30	0.21
-15.0	12.491	-209.93	-16.41	-17.77	-12.49	-0.28
-16.0	12.640	-219.81	-12.68	-19.46	-12.62	-0.72
-17.0	12.749	-229.48	-8.56	-20.78	-12.70	-1.11
-18.0	12.814	-239.01	-4.12	-21.70	-12.73	-1.48
-19.0	12.832	-248.45	0.52	-22.19	-12.70	-1.82
-20.0	12.803	-257.89	5.26	-22.25	-12.62	-2.15
-21.0	12.725	-267.40	10.04	-21.86	-12.48	-2.49
-22.0	12.597	-277.05	14.88	-21.02	-12.27	-2.84
-23.0	12.420	-286.91	19.90	-19.67	-12.00	-3.21
-24.0	12.189	-297.10	25.38	-17.70	-11.64	-3.61
-25.0	11.898	-307.73	31.62	-14.87	-11.18	-4.06
-26.0	11.539	-318.96	38.63	-10.82	-10.60	-4.56
-27.0C	11.109	-331.01	45.29	-5.11	-9.86	-5.12
-28.0C	10.624	-344.11	48.52	2.44	-8.95	-5.73
-29.0D	10.142	-358.50	44.47	11.23	-7.87	-6.39
-30.0	9.742	-374.18	32.67	19.62	-6.66	-7.11

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	15.00	0.0	10.00
-1.0	9.742	-15.96	20.36	20.84	-1.36	9.65
-2.0	9.585	-32.63	10.42	25.04	-2.77	9.18
-3.0	9.531	-49.70	-0.07	26.87	-4.17	8.57
-4.0C	9.586	-66.79	-10.54	25.97	-5.52	7.84
-5.0C	9.742	-83.54	-19.60	22.62	-6.77	7.01
-6.0	9.978	-99.65	-26.03	17.71	-7.88	6.12
-7.0	10.264	-114.96	-29.51	12.24	-8.85	5.20
-8.0	10.573	-129.43	-30.52	6.96	-9.67	4.28
-9.0	10.883	-143.09	-29.87	2.23	-10.34	3.38
-10.0	11.181	-156.02	-28.31	-1.88	-10.89	2.53
-11.0	11.461	-168.30	-26.33	-5.43	-11.33	1.74
-12.0	11.719	-180.02	-24.15	-8.51	-11.68	1.00
-13.0	11.954	-191.24	-21.85	-11.21	-11.95	0.33
-14.0	12.165	-202.05	-19.40	-13.58	-12.16	-0.28
-15.0	12.350	-212.49	-16.72	-15.67	-12.32	-0.83
-16.0	12.506	-222.64	-13.77	-17.47	-12.44	-1.32
-17.0	12.631	-232.54	-10.51	-18.97	-12.51	-1.77
-18.0	12.720	-242.26	-6.95	-20.16	-12.53	-2.18
-19.0	12.772	-251.85	-3.12	-21.00	-12.51	-2.56
-20.0	12.783	-261.38	0.92	-21.47	-12.45	-2.91
-21.0	12.753	-270.90	5.14	-21.56	-12.33	-3.25
-22.0	12.678	-280.49	9.51	-21.23	-12.16	-3.59
-23.0	12.557	-290.21	14.15	-20.44	-11.92	-3.94
-24.0	12.387	-300.15	19.23	-19.13	-11.62	-4.30
-25.0	12.161	-310.40	25.06	-17.14	-11.22	-4.68
-26.0	11.871	-321.10	31.93	-14.19	-10.72	-5.10
-27.0	11.505	-332.41	39.62	-9.91	-10.08	-5.55
-28.0C	11.063	-344.57	46.48	-3.87	-9.27	-6.04
-29.0C	10.571	-357.83	48.66	3.94	-8.28	-6.57
-30.0D	10.097	-372.39	42.56	12.64	-7.13	-7.15

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	20.00	0.0	10.00
-1.0	9.756	-16.25	17.52	25.65	-1.42	9.65
-2.0	9.646	-33.11	3.79	28.53	-2.87	9.21
-3.0	9.678	-50.12	-10.01	27.96	-4.30	8.67
-4.0	9.845	-66.79	-22.19	24.19	-5.67	8.05
-5.0	10.122	-82.74	-31.42	18.27	-6.93	7.38
-6.0	10.477	-97.72	-37.38	11.49	-8.06	6.70
-7.0	10.877	-111.67	-40.61	4.81	-9.05	6.04
-8.0	11.301	-124.60	-41.89	-1.29	-9.91	5.42
-9.0	11.729	-136.58	-41.71	-6.65	-10.66	4.88
-10.0	12.149	-147.71	-40.17	-11.31	-11.31	4.43
-11.0B	12.546	-158.11	-37.16	-15.35	-11.87	4.06
-12.0B	12.904	-167.89	-32.56	-18.87	-12.34	3.78
-13.0B	13.207	-177.17	-26.42	-21.88	-12.72	3.57
-14.0A	13.440	-186.07	-18.98	-24.27	-13.00	3.40
-15.0A	13.592	-194.73	-10.63	-25.88	-13.19	3.27
-16.0A	13.655	-203.25	-1.78	-26.54	-13.29	3.15
-17.0A	13.628	-211.74	7.10	-26.18	-13.29	3.00
-18.0A	13.512	-220.34	15.56	-24.86	-13.21	2.82
-19.0B	13.313	-229.13	23.16	-22.80	-13.06	2.58
-20.0B	13.042	-238.24	29.54	-20.22	-12.85	2.26
-21.0B	12.713	-247.78	34.50	-17.29	-12.58	1.84
-22.0	12.341	-257.85	38.21	-14.00	-12.27	1.33
-23.0	11.934	-268.57	41.16	-10.14	-11.91	0.70
-24.0	11.499	-280.06	43.90	-5.32	-11.50	-0.04
-25.0	11.038	-292.50	46.23	0.91	-11.00	-0.91
-26.0C	10.561	-306.05	46.27	8.74	-10.39	-1.90
-27.0D	10.110	-320.88	40.75	17.54	-9.65	-3.01
-28.0D	9.754	-336.95	27.83	25.47	-8.81	-4.19
-29.0	9.560	-353.95	9.44	30.05	-7.87	-5.42
-30.0	9.566	-371.27	-10.46	29.63	-6.89	-6.64

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	20.00	0.0	10.00
-1.0	9.756	-16.25	17.53	25.64	-1.42	9.65
-2.0	9.644	-33.11	4.18	28.61	-2.87	9.21
-3.0	9.670	-50.14	-9.15	28.27	-4.30	8.66
-4.0	9.826	-66.86	-20.98	24.80	-5.67	8.03
-5.0	10.090	-82.90	-30.04	19.19	-6.93	7.34
-6.0	10.430	-98.02	-35.98	12.64	-8.05	6.63
-7.0	10.817	-112.13	-39.37	6.08	-9.05	5.93
-8.0	11.229	-125.23	-41.01	0.00	-9.91	5.28
-9.0	11.652	-137.38	-41.43	-5.45	-10.66	4.70
-10.0	12.073	-148.68	-40.69	-10.27	-11.31	4.21
-11.0B	12.480	-159.21	-38.56	-14.52	-11.88	3.82
-12.0B	12.856	-169.08	-34.73	-18.28	-12.37	3.51
-13.0B	13.184	-178.42	-29.11	-21.56	-12.77	3.28
-14.0A	13.446	-187.34	-21.90	-24.27	-13.08	3.12
-15.0A	13.628	-195.97	-13.48	-26.21	-13.29	2.99
-16.0A	13.719	-204.43	-4.35	-27.18	-13.41	2.88
-17.0A	13.716	-212.84	4.97	-27.06	-13.43	2.77
-18.0A	13.619	-221.31	13.94	-25.89	-13.36	2.62
-19.0B	13.434	-229.97	22.03	-23.87	-13.22	2.41
-20.0B	13.173	-238.92	28.78	-21.29	-13.00	2.13
-21.0B	12.851	-248.27	33.90	-18.38	-12.73	1.76
-22.0	12.484	-258.12	37.52	-15.21	-12.42	1.29
-23.0	12.086	-268.59	40.21	-11.61	-12.07	0.71
-24.0	11.662	-279.79	42.83	-7.22	-11.66	0.01
-25.0	11.209	-291.86	45.68	-1.52	-11.18	-0.80
-26.0C	10.731	-304.99	47.42	5.88	-10.59	-1.74
-27.0C	10.255	-319.37	44.49	14.70	-9.87	-2.79
-28.0D	9.849	-335.06	33.65	23.40	-9.03	-3.94
-29.0D	9.591	-351.85	15.79	29.39	-8.09	-5.15
-30.0	9.535	-369.18	-4.86	30.50	-7.10	-6.36

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	20.00	0.0	10.00
-1.0	9.756	-16.25	17.55	25.63	-1.42	9.65
-2.0	9.643	-33.11	4.58	28.70	-2.87	9.21
-3.0	9.662	-50.16	-8.29	28.58	-4.30	8.65
-4.0	9.808	-66.94	-19.76	25.42	-5.67	8.00
-5.0	10.058	-83.07	-28.62	20.12	-6.93	7.29
-6.0	10.383	-98.32	-34.52	13.83	-8.05	6.55
-7.0	10.755	-112.59	-37.99	7.44	-9.04	5.82
-8.0	11.155	-125.88	-39.87	1.41	-9.90	5.13
-9.0	11.568	-138.23	-40.76	-4.07	-10.65	4.51
-10.0	11.985	-149.71	-40.77	-9.02	-11.30	3.98
-11.0B	12.397	-160.40	-39.57	-13.46	-11.88	3.55
-12.0B	12.789	-170.40	-36.68	-17.45	-12.38	3.21
-13.0B	13.141	-179.83	-31.81	-21.00	-12.80	2.96
-14.0B	13.433	-188.79	-25.02	-24.03	-13.14	2.78
-15.0A	13.647	-197.42	-16.68	-26.34	-13.39	2.66
-16.0A	13.771	-205.84	-7.35	-27.69	-13.53	2.56
-17.0A	13.796	-214.17	2.37	-27.88	-13.57	2.47
-18.0A	13.723	-222.54	11.87	-26.91	-13.52	2.35
-19.0A	13.556	-231.06	20.53	-24.98	-13.38	2.18
-20.0B	13.308	-239.85	27.79	-22.40	-13.17	1.94
-21.0B	12.994	-249.01	33.24	-19.49	-12.89	1.61
-22.0B	12.634	-258.65	36.88	-16.39	-12.58	1.18
-23.0	12.244	-268.87	39.33	-13.01	-12.23	0.66
-24.0	11.830	-279.78	41.62	-9.01	-11.83	0.02
-25.0	11.390	-291.49	44.57	-3.87	-11.37	-0.74
-26.0	10.918	-304.18	47.54	2.94	-10.80	-1.62
-27.0C	10.429	-318.08	47.29	11.50	-10.10	-2.61
-28.0D	9.978	-333.32	39.29	20.70	-9.26	-3.71
-29.0D	9.655	-349.79	22.77	28.03	-8.33	-4.88
-30.0	9.528	-367.04	1.78	30.88	-7.33	-6.09

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	20.00	0.0	10.00
-1.0	9.757	-16.25	17.56	25.62	-1.41	9.65
-2.0	9.641	-33.11	4.97	28.78	-2.87	9.21
-3.0	9.654	-50.18	-7.42	28.89	-4.30	8.64
-4.0	9.789	-67.01	-18.53	26.05	-5.67	7.98
-5.0	10.025	-83.24	-27.19	21.08	-6.92	7.25
-6.0	10.335	-98.63	-33.01	15.06	-8.05	6.48
-7.0	10.692	-113.07	-36.48	8.86	-9.04	5.71
-8.0	11.076	-126.55	-38.49	2.95	-9.89	4.98
-9.0	11.477	-139.11	-39.71	-2.52	-10.63	4.31
-10.0	11.887	-150.80	-40.34	-7.54	-11.28	3.73
-11.0B	12.299	-161.69	-40.06	-12.14	-11.86	3.25
-12.0B	12.701	-171.86	-38.25	-16.34	-12.37	2.87
-13.0B	13.074	-181.41	-34.38	-20.15	-12.81	2.59
-14.0B	13.396	-190.45	-28.30	-23.50	-13.18	2.39
-15.0A	13.646	-199.11	-20.29	-26.22	-13.46	2.26
-16.0A	13.807	-207.52	-10.92	-28.00	-13.63	2.17
-17.0A	13.867	-215.79	-0.88	-28.61	-13.71	2.09
-18.0A	13.825	-224.06	9.15	-27.95	-13.68	2.00
-19.0A	13.683	-232.45	18.46	-26.18	-13.55	1.87
-20.0B	13.452	-241.07	26.38	-23.63	-13.35	1.67
-21.0B	13.150	-250.04	32.35	-20.70	-13.08	1.39
-22.0B	12.797	-259.46	36.23	-17.62	-12.76	1.02
-23.0	12.414	-269.43	38.52	-14.40	-12.40	0.55
-24.0	12.011	-280.03	40.38	-10.75	-12.01	-0.04
-25.0	11.585	-291.37	43.04	-6.19	-11.56	-0.73
-26.0	11.127	-303.62	46.66	-0.10	-11.02	-1.54
-27.0C	10.636	-316.99	48.84	7.91	-10.35	-2.47
-28.0D	10.151	-331.67	44.47	17.26	-9.53	-3.50
-29.0D	9.760	-347.71	30.44	25.78	-8.59	-4.63
-30.0	9.551	-364.74	9.79	30.55	-7.58	-5.80

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	25.00	0.0	10.00
-1.0	9.770	-16.54	14.69	30.41	-1.47	9.66
-2.0	9.703	-33.59	-1.63	32.24	-2.96	9.24
-3.0	9.801	-50.59	-17.23	30.04	-4.43	8.74
-4.0	10.047	-67.02	-30.26	24.54	-5.82	8.19
-5.0	10.408	-82.50	-39.78	17.23	-7.09	7.62
-6.0	10.849	-96.82	-46.00	9.50	-8.23	7.07
-7.0	11.340	-109.96	-49.66	2.21	-9.24	6.57
-8.0	11.858	-121.97	-51.17	-4.28	-10.13	6.16
-9.0B	12.379	-132.96	-50.40	-9.93	-10.91	5.86
-10.0B	12.880	-143.06	-47.11	-14.92	-11.57	5.65
-11.0A	13.334	-152.44	-41.32	-19.48	-12.13	5.55
-12.0A	13.718	-161.24	-33.43	-23.66	-12.56	5.51
-13.0A	14.013	-169.62	-24.02	-27.23	-12.88	5.52
-14.0A	14.206	-177.72	-13.62	-29.77	-13.07	5.56
-15.0A	14.290	-185.67	-2.74	-30.84	-13.15	5.58
-16.0A	14.262	-193.59	8.20	-30.21	-13.13	5.57
-17.0A	14.123	-201.62	18.75	-27.99	-13.01	5.49
-18.0A	13.881	-209.87	28.47	-24.55	-12.82	5.32
-19.0A	13.546	-218.49	36.79	-20.40	-12.58	5.03
-20.0B	13.135	-227.60	43.10	-16.00	-12.29	4.62
-21.0B	12.673	-237.34	46.96	-11.53	-12.00	4.08
-22.0	12.183	-247.83	48.48	-6.86	-11.70	3.40
-23.0	11.686	-259.21	48.45	-1.60	-11.40	2.58
-24.0	11.194	-271.58	47.64	4.71	-11.08	1.61
-25.0	10.716	-285.08	45.48	12.31	-10.70	0.50
-26.0C	10.277	-299.81	39.44	20.73	-10.25	-0.74
-27.0D	9.932	-315.73	26.96	28.32	-9.71	-2.09
-28.0D	9.747	-332.54	8.55	32.65	-9.10	-3.50
-29.0D	9.765	-349.62	-12.07	31.97	-8.44	-4.91
-30.0D	9.986	-366.28	-30.65	26.45	-7.76	-6.28

WP = 13.5 ETA = 0.05

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	25.00	0.0	10.00
-1.0	9.770	-16.54	14.70	30.41	-1.47	9.66
-2.0	9.702	-33.59	-1.27	32.32	-2.96	9.24
-3.0	9.794	-50.61	-16.45	30.31	-4.43	8.74
-4.0	10.030	-67.09	-29.19	25.07	-5.82	8.17
-5.0	10.379	-82.64	-38.61	17.99	-7.09	7.58
-6.0	10.809	-97.07	-45.00	10.37	-8.23	7.00
-7.0	11.292	-110.33	-49.12	3.06	-9.24	6.48
-8.0	11.807	-122.45	-51.33	-3.56	-10.14	6.05
-9.0B	12.335	-133.53	-51.35	-9.39	-10.92	5.73
-10.0B	12.848	-143.70	-48.65	-14.58	-11.61	5.51
-11.0A	13.320	-153.11	-43.08	-19.31	-12.18	5.40
-12.0A	13.721	-161.92	-35.06	-23.66	-12.63	5.36
-13.0A	14.031	-170.29	-25.27	-27.40	-12.96	5.38
-14.0A	14.234	-178.36	-14.39	-30.07	-13.16	5.42
-15.0A	14.323	-186.28	-2.99	-31.19	-13.25	5.45
-16.0A	14.295	-194.18	8.46	-30.51	-13.22	5.45
-17.0A	14.152	-202.18	19.51	-28.13	-13.09	5.37
-18.0A	13.899	-210.42	29.63	-24.47	-12.89	5.20
-19.0A	13.551	-219.03	38.17	-20.10	-12.63	4.91
-20.0B	13.127	-228.16	44.38	-15.54	-12.33	4.50
-21.0B	12.653	-237.94	47.75	-10.99	-12.02	3.95
-22.0	12.159	-248.49	48.55	-6.31	-11.71	3.26
-23.0	11.665	-259.92	47.96	-1.06	-11.41	2.43
-24.0	11.179	-272.35	47.03	5.24	-11.08	1.46
-25.0	10.706	-285.90	45.13	12.87	-10.70	0.35
-26.0C	10.269	-300.68	39.29	21.34	-10.23	-0.90
-27.0D	9.927	-316.65	26.48	28.92	-9.67	-2.24
-28.0D	9.750	-333.49	7.36	33.01	-9.04	-3.65
-29.0D	9.783	-350.56	-13.90	31.87	-8.37	-5.06
-30.0D	10.026	-367.14	-32.76	25.87	-7.70	-6.42

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	25.00	0.0	10.00
-1.0	9.771	-16.53	14.71	30.40	-1.47	9.66
-2.0	9.700	-33.59	-0.90	32.39	-2.96	9.24
-3.0	9.786	-50.63	-15.66	30.59	-4.43	8.73
-4.0	10.013	-67.16	-28.09	25.61	-5.82	8.15
-5.0	10.350	-82.79	-37.39	18.76	-7.09	7.54
-6.0	10.768	-97.33	-43.89	11.28	-8.23	6.94
-7.0	11.241	-110.71	-48.39	3.99	-9.25	6.39
-8.0	11.752	-122.96	-51.27	-2.73	-10.14	5.93
-9.0B	12.283	-134.15	-52.12	-8.75	-10.94	5.59
-10.0B	12.808	-144.39	-50.12	-14.12	-11.64	5.35
-11.0A	13.297	-153.85	-44.91	-19.04	-12.23	5.23
-12.0A	13.717	-162.68	-36.83	-23.57	-12.70	5.19
-13.0A	14.043	-171.05	-26.71	-27.49	-13.04	5.21
-14.0A	14.259	-179.10	-15.38	-30.32	-13.25	5.26
-15.0A	14.356	-187.00	-3.47	-31.53	-13.34	5.30
-16.0A	14.330	-194.86	8.50	-30.83	-13.31	5.30
-17.0A	14.183	-202.84	20.05	-28.32	-13.18	5.23
-18.0A	13.923	-211.06	30.59	-24.45	-12.97	5.06
-19.0A	13.564	-219.66	39.38	-19.88	-12.69	4.78
-20.0B	13.127	-228.80	45.51	-15.16	-12.38	4.36
-21.0B	12.644	-238.60	48.41	-10.54	-12.06	3.81
-22.0	12.146	-249.19	48.53	-5.86	-11.74	3.11
-23.0	11.655	-260.66	47.43	-0.66	-11.43	2.28
-24.0	11.176	-273.12	46.44	5.60	-11.10	1.31
-25.0	10.707	-286.69	44.88	13.23	-10.71	0.20
-26.0C	10.271	-301.48	39.35	21.77	-10.22	-1.04
-27.0D	9.928	-317.48	26.34	29.36	-9.64	-2.38
-28.0D	9.756	-334.33	6.58	33.30	-8.99	-3.79
-29.0D	9.801	-351.39	-15.30	31.82	-8.31	-5.19
-30.0D	10.059	-367.90	-34.49	25.43	-7.64	-6.54

WP = 13.5 ETA = 0.07

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	25.00	0.0	10.00
-1.0	9.771	-16.53	14.72	30.39	-1.46	9.66
-2.0	9.699	-33.59	-0.54	32.47	-2.96	9.24
-3.0	9.779	-50.65	-14.87	30.87	-4.43	8.72
-4.0	9.995	-67.22	-26.97	26.16	-5.82	8.13
-5.0	10.320	-82.94	-36.12	19.56	-7.09	7.50
-6.0	10.725	-97.59	-42.66	12.25	-8.23	6.88
-7.0	11.187	-111.10	-47.46	5.00	-9.24	6.30
-8.0	11.692	-123.49	-50.95	-1.80	-10.15	5.81
-9.0B	12.223	-134.80	-52.65	-7.98	-10.95	5.43
-10.0B	12.759	-145.15	-51.49	-13.55	-11.66	5.18
-11.0A	13.264	-154.67	-46.77	-18.65	-12.27	5.04
-12.0A	13.704	-163.53	-38.76	-23.36	-12.76	5.00
-13.0A	14.049	-171.90	-28.39	-27.49	-13.12	5.02
-14.0A	14.280	-179.95	-16.62	-30.51	-13.35	5.07
-15.0A	14.387	-187.82	-4.21	-31.85	-13.45	5.12
-16.0A	14.366	-195.66	8.27	-31.18	-13.42	5.13
-17.0A	14.219	-203.60	20.33	-28.57	-13.29	5.07
-18.0A	13.954	-211.79	31.32	-24.53	-13.06	4.91
-19.0A	13.585	-220.38	40.40	-19.75	-12.77	4.63
-20.0B	13.138	-229.51	46.50	-14.88	-12.44	4.21
-21.0B	12.646	-239.32	48.97	-10.20	-12.11	3.65
-22.0	12.146	-249.92	48.47	-5.53	-11.78	2.96
-23.0	11.659	-261.41	46.90	-0.40	-11.46	2.13
-24.0	11.185	-273.87	45.88	5.79	-11.12	1.17
-25.0	10.720	-287.43	44.72	13.39	-10.72	0.06
-26.0C	10.284	-302.21	39.64	21.98	-10.22	-1.17
-27.0D	9.937	-318.20	26.60	29.63	-9.62	-2.51
-28.0D	9.765	-335.05	6.32	33.53	-8.95	-3.90
-29.0D	9.816	-352.09	-16.18	31.85	-8.26	-5.30
-30.0D	10.086	-368.56	-35.80	25.17	-7.58	-6.65

WP = 13.5 ETA = 0.04

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	30.00	0.0	10.00
-1.0	9.785	-16.82	11.81	35.16	-1.52	9.67
-2.0	9.761	-34.06	-7.10	35.91	-3.05	9.27
-3.0	9.925	-51.06	-24.51	32.09	-4.56	8.82
-4.0	10.251	-67.25	-38.52	24.98	-5.97	8.33
-5.0	10.699	-82.26	-48.63	16.43	-7.26	7.86
-6.0	11.234	-95.95	-55.33	7.88	-8.41	7.45
-7.0B	11.821	-108.33	-59.06	0.15	-9.43	7.12
-8.0B	12.431	-119.49	-59.64	-6.60	-10.33	6.91
-9.0A	13.029	-129.61	-56.79	-12.66	-11.10	6.82
-10.0A	13.582	-138.87	-50.79	-18.52	-11.73	6.84
-11.0A	14.060	-147.46	-42.40	-24.42	-12.23	6.94
-12.0	14.443	-155.54	-32.40	-30.10	-12.58	7.09
-13.0	14.719	-163.26	-21.35	-34.87	-12.80	7.26
-14.0	14.878	-170.76	-9.64	-37.89	-12.89	7.43
-15.0	14.915	-178.17	2.35	-38.56	-12.85	7.57
-16.0	14.830	-185.61	14.20	-36.70	-12.72	7.63
-17.0	14.626	-193.20	25.53	-32.64	-12.50	7.59
-18.0	14.311	-201.07	35.98	-27.10	-12.23	7.44
-19.0A	13.895	-209.37	45.14	-20.91	-11.92	7.14
-20.0A	13.395	-218.24	52.30	-14.75	-11.60	6.69
-21.0B	12.835	-227.85	56.55	-8.86	-11.30	6.08
-22.0B	12.250	-238.37	57.36	-3.03	-11.04	5.31
-23.0	11.672	-249.92	55.31	3.28	-10.82	4.38
-24.0	11.124	-262.64	51.62	10.60	-10.63	3.29
-25.0	10.622	-276.63	46.11	19.04	-10.42	2.05
-26.0C	10.195	-291.91	36.43	27.74	-10.17	0.67
-27.0C	9.899	-308.34	20.40	34.60	-9.86	-0.82
-28.0D	9.795	-325.45	-0.59	37.09	-9.51	-2.36
-29.0D	9.913	-342.54	-22.14	34.04	-9.12	-3.89
-30.0D	10.234	-358.87	-39.81	26.67	-8.72	-5.36

WP = 13.5 ETA = 0.05

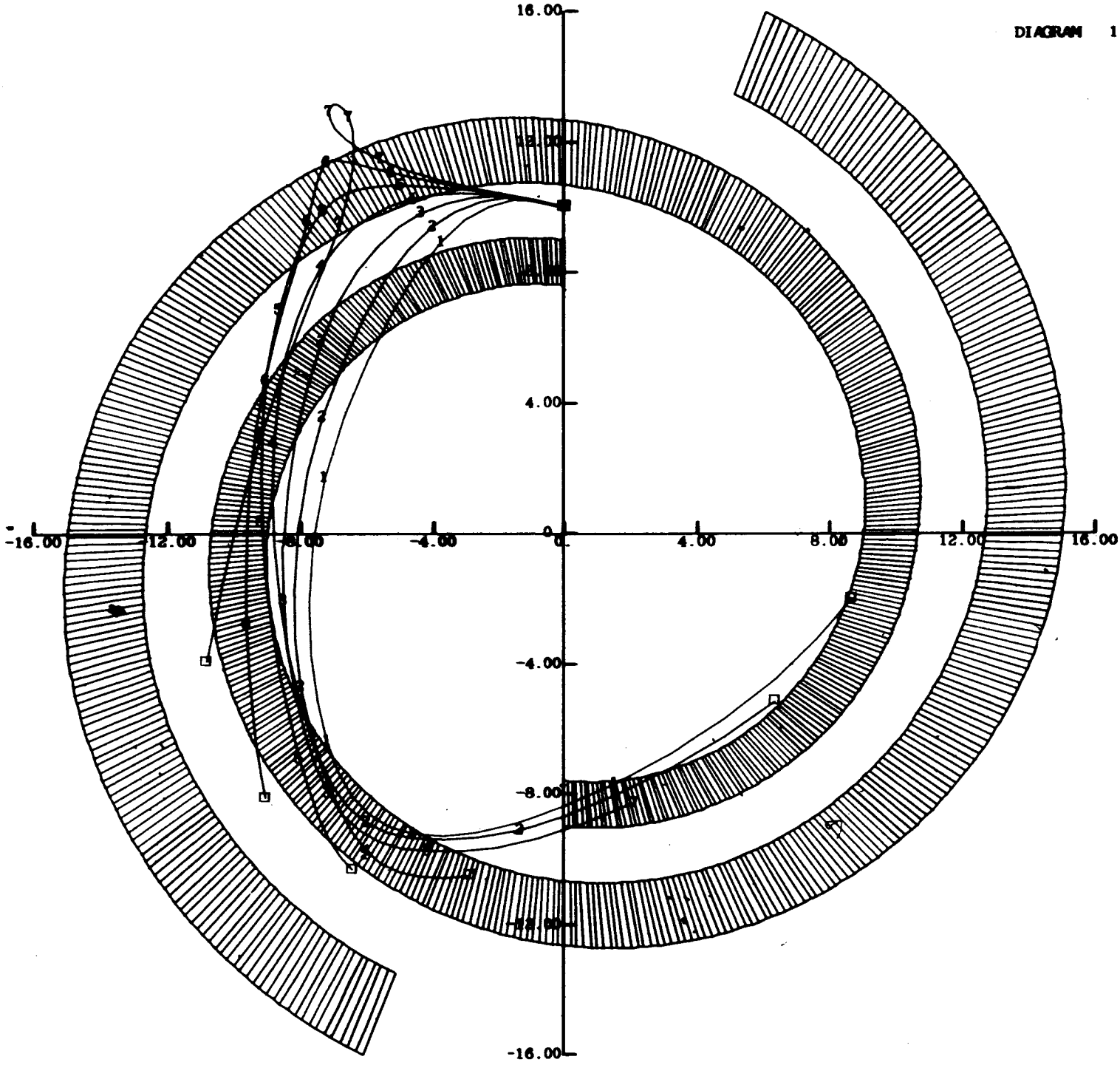
T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	30.00	0.0	10.00
-1.0	9.785	-16.82	11.82	35.15	-1.52	9.67
-2.0	9.760	-34.06	-6.77	35.98	-3.05	9.27
-3.0	9.918	-51.08	-23.81	32.33	-4.56	8.81
-4.0	10.236	-67.31	-37.64	25.42	-5.97	8.32
-5.0	10.676	-82.38	-47.82	16.99	-7.26	7.83
-6.0	11.203	-96.15	-54.95	8.44	-8.41	7.40
-7.0	11.790	-108.59	-59.36	0.57	-9.44	7.06
-8.0B	12.407	-119.81	-60.58	-6.35	-10.35	6.84
-9.0A	13.017	-129.97	-58.04	-12.55	-11.13	6.75
-10.0A	13.581	-139.23	-51.90	-18.51	-11.78	6.76
-11.0A	14.069	-147.81	-43.10	-24.50	-12.28	6.86
-12.0	14.457	-155.88	-32.64	-30.25	-12.64	7.02
-13.0	14.733	-163.59	-21.18	-35.02	-12.86	7.20
-14.0	14.889	-171.09	-9.15	-37.96	-12.94	7.37
-15.0	14.920	-178.50	3.09	-38.47	-12.90	7.50
-16.0	14.826	-185.94	15.17	-36.40	-12.76	7.55
-17.0	14.611	-193.55	26.74	-32.10	-12.53	7.51
-18.0	14.282	-201.46	37.47	-26.33	-12.25	7.34
-19.0A	13.849	-209.81	46.82	-19.95	-11.93	7.03
-20.0A	13.332	-218.77	53.91	-13.65	-11.61	6.55
-21.0B	12.758	-228.51	57.57	-7.69	-11.31	5.91
-22.0B	12.168	-239.18	57.36	-1.80	-11.04	5.11
-23.0	11.595	-250.91	54.40	4.57	-10.82	4.16
-24.0	11.059	-263.80	50.31	11.96	-10.63	3.06
-25.0	10.570	-277.96	44.74	20.44	-10.42	1.80
-26.0C	10.159	-293.40	34.74	29.06	-10.15	0.40
-27.0D	9.883	-309.95	17.96	35.52	-9.82	-1.10
-28.0D	9.808	-327.10	-3.73	37.26	-9.45	-2.64
-29.0D	9.960	-344.11	-25.41	33.39	-9.05	-4.16
-30.0D	10.312	-360.27	-42.53	25.48	-8.65	-5.61

WP = 13.5 ETA = 0.06

T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	30.00	0.0	10.00
-1.0	9.785	-16.82	11.82	35.14	-1.52	9.67
-2.0	9.758	-34.06	-6.43	36.04	-3.05	9.27
-3.0	9.912	-51.09	-23.11	32.57	-4.56	8.80
-4.0	10.221	-67.36	-36.72	25.87	-5.97	8.30
-5.0	10.651	-82.51	-46.96	17.57	-7.26	7.80
-6.0	11.172	-96.35	-54.46	9.03	-8.42	7.35
-7.0	11.757	-108.87	-59.53	1.05	-9.45	6.99
-8.0B	12.379	-120.16	-61.46	-6.04	-10.37	6.77
-9.0A	13.000	-130.34	-59.28	-12.39	-11.16	6.67
-10.0A	13.577	-139.63	-53.06	-18.46	-11.82	6.68
-11.0A	14.075	-148.20	-43.88	-24.54	-12.33	6.78
-12.0	14.469	-156.27	-32.96	-30.35	-12.70	6.94
-13.0	14.746	-163.97	-21.10	-35.13	-12.91	7.12
-14.0	14.899	-171.46	-8.75	-38.01	-12.99	7.29
-15.0	14.924	-178.87	3.74	-38.38	-12.95	7.41
-16.0	14.823	-186.32	16.06	-36.11	-12.80	7.47
-17.0	14.598	-193.95	27.90	-31.59	-12.57	7.42
-18.0	14.255	-201.89	38.90	-25.59	-12.28	7.24
-19.0A	13.807	-210.30	48.46	-19.02	-11.96	6.90
-20.0A	13.273	-219.34	55.41	-12.60	-11.62	6.41
-21.0B	12.687	-229.20	58.39	-6.57	-11.31	5.74
-22.0B	12.093	-240.01	57.14	-0.65	-11.05	4.92
-23.0	11.527	-251.90	53.38	5.76	-10.83	3.95
-24.0	11.003	-264.96	49.07	13.21	-10.63	2.83
-25.0	10.527	-279.27	43.52	21.73	-10.41	1.56
-26.0C	10.129	-294.85	33.20	30.25	-10.13	0.15
-27.0D	9.873	-311.49	15.66	36.31	-9.78	-1.36
-28.0D	9.825	-328.67	-6.68	37.34	-9.39	-2.90
-29.0D	10.008	-345.60	-28.43	32.73	-8.98	-4.42
-30.0D	10.389	-361.58	-44.93	24.37	-8.59	-5.85

WP = 13.5 ETA = 0.07

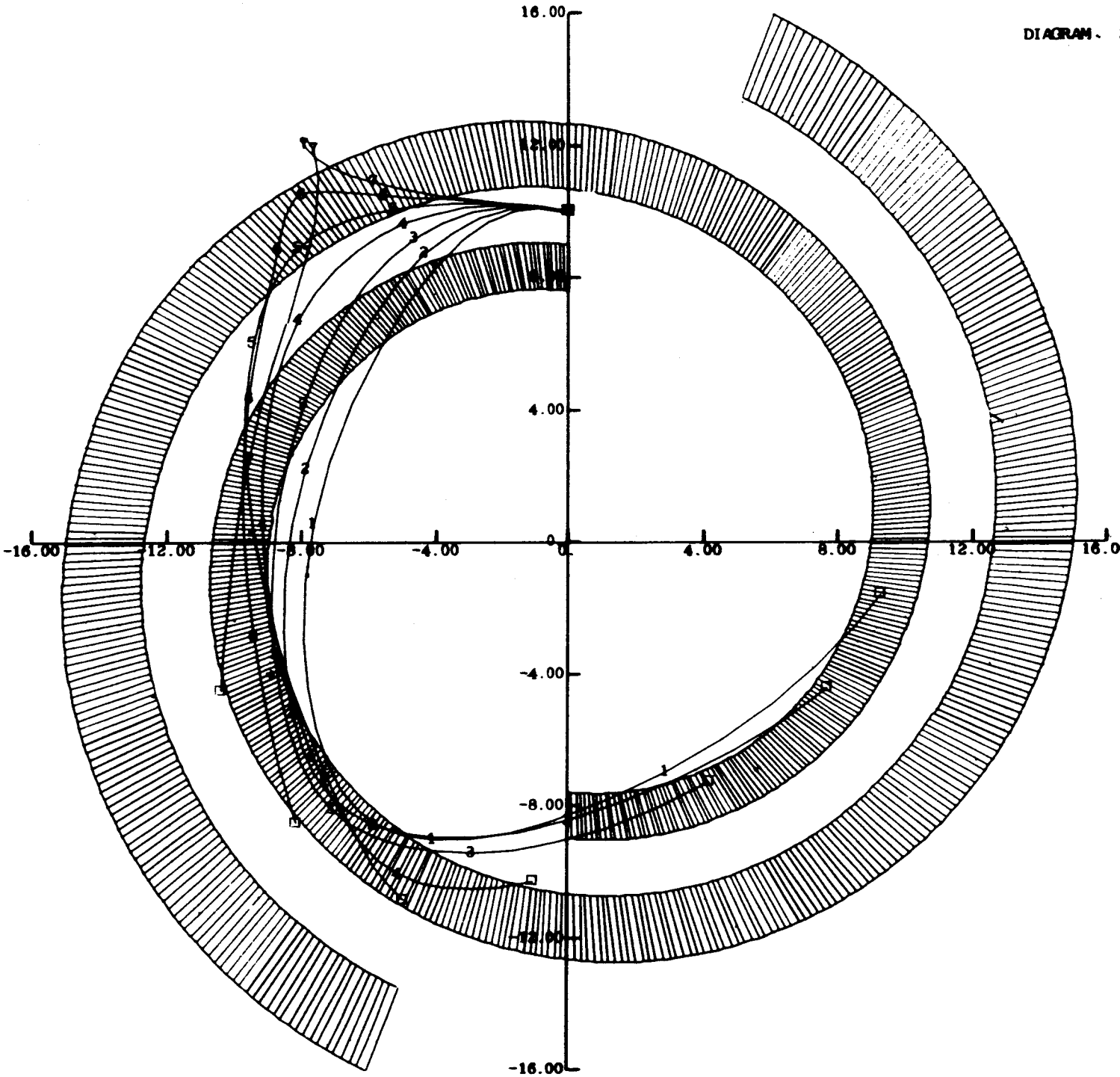
T	PI	THETA	U	V	X	Y
0.0	10.000	0.0	30.00	30.00	0.0	10.00
-1.0	9.786	-16.82	11.83	35.14	-1.52	9.67
-2.0	9.757	-34.06	-6.09	36.11	-3.05	9.27
-3.0	9.905	-51.11	-22.41	32.82	-4.56	8.80
-4.0	10.205	-67.42	-35.79	26.32	-5.97	8.28
-5.0	10.626	-82.63	-46.03	18.18	-7.26	7.76
-6.0	11.139	-96.56	-53.86	9.67	-8.42	7.29
-7.0	11.721	-109.16	-59.57	1.59	-9.46	6.92
-8.0B	12.347	-120.52	-62.24	-5.67	-10.38	6.68
-9.0B	12.979	-130.75	-60.52	-12.17	-11.19	6.58
-10.0A	13.569	-140.05	-54.27	-18.36	-11.86	6.59
-11.0A	14.078	-148.63	-44.74	-24.53	-12.39	6.69
-12.0	14.478	-156.69	-33.37	-30.41	-12.76	6.85
-13.0	14.757	-164.39	-21.12	-35.21	-12.98	7.03
-14.0	14.909	-171.87	-8.45	-38.05	-13.06	7.20
-15.0	14.930	-179.28	4.30	-38.30	-13.01	7.32
-16.0	14.821	-186.74	16.88	-35.85	-12.86	7.37
-17.0	14.586	-194.38	28.99	-31.11	-12.62	7.31
-18.0	14.231	-202.36	40.29	-24.89	-12.32	7.12
-19.0A	13.767	-210.82	50.03	-18.14	-11.98	6.78
-20.0A	13.218	-219.95	56.80	-11.60	-11.64	6.26
-21.0B	12.621	-229.91	59.02	-5.52	-11.32	5.57
-22.0	12.026	-240.86	56.73	0.42	-11.06	4.73
-23.0	11.468	-252.89	52.31	6.85	-10.84	3.74
-24.0	10.956	-266.09	47.91	14.34	-10.64	2.61
-25.0C	10.491	-280.54	42.45	22.90	-10.41	1.32
-26.0C	10.105	-296.24	31.81	31.32	-10.10	-0.10
-27.0D	9.868	-312.97	13.52	36.99	-9.74	-1.61
-28.0D	9.845	-330.15	-9.42	37.35	-9.33	-3.15
-29.0D	10.056	-346.99	-31.18	32.07	-8.91	-4.66
-30.0D	10.462	-362.81	-47.03	23.35	-8.52	-6.07



U = -30. W0=25.000

WP=13.5 ETA=.0400 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

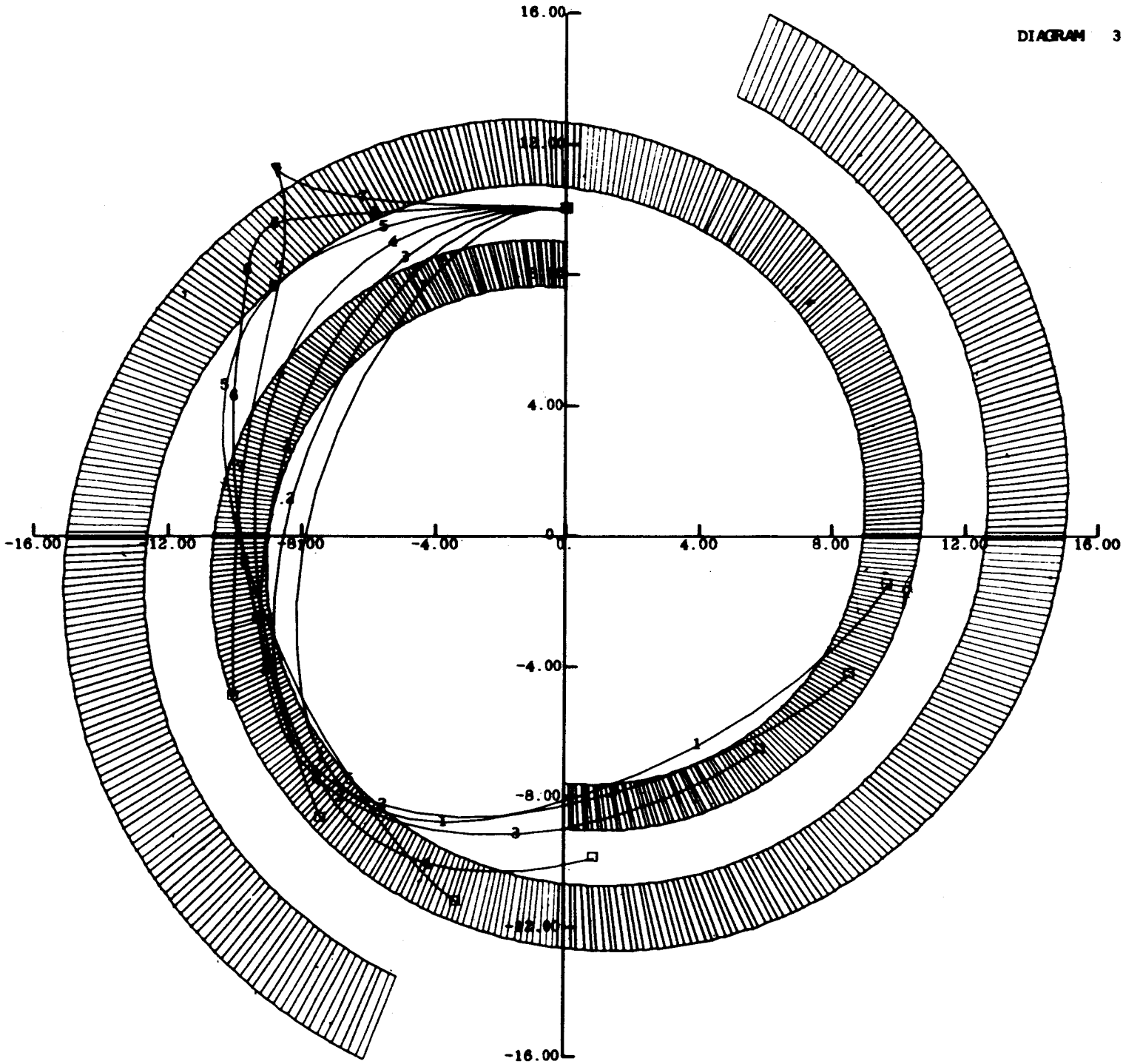
□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS



U = -20. W0=25.000

WP=13.5 ETA=.0400 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

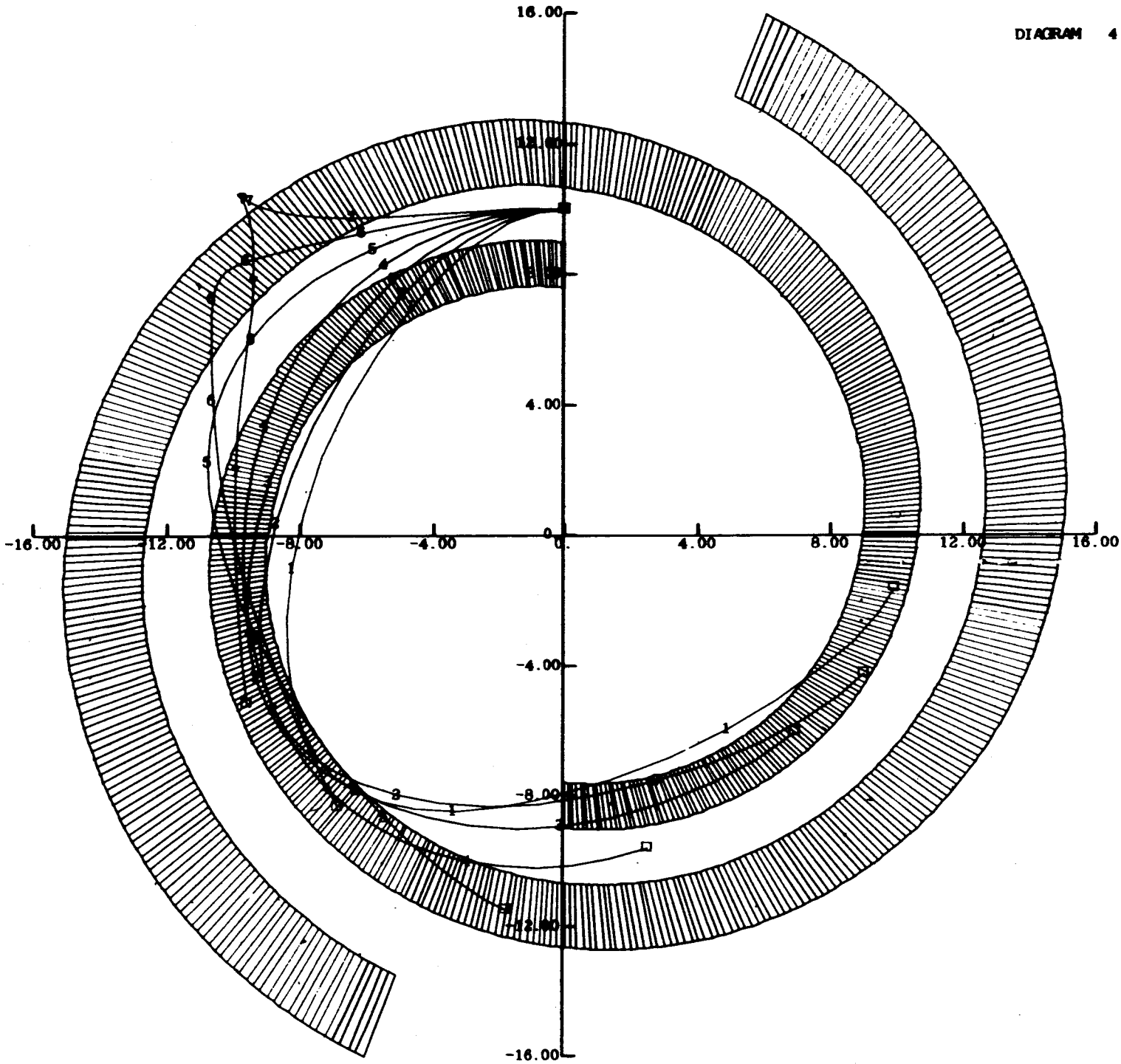
□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS



U = -10. W0=25.000

WP=13.5 ETA= 0400 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

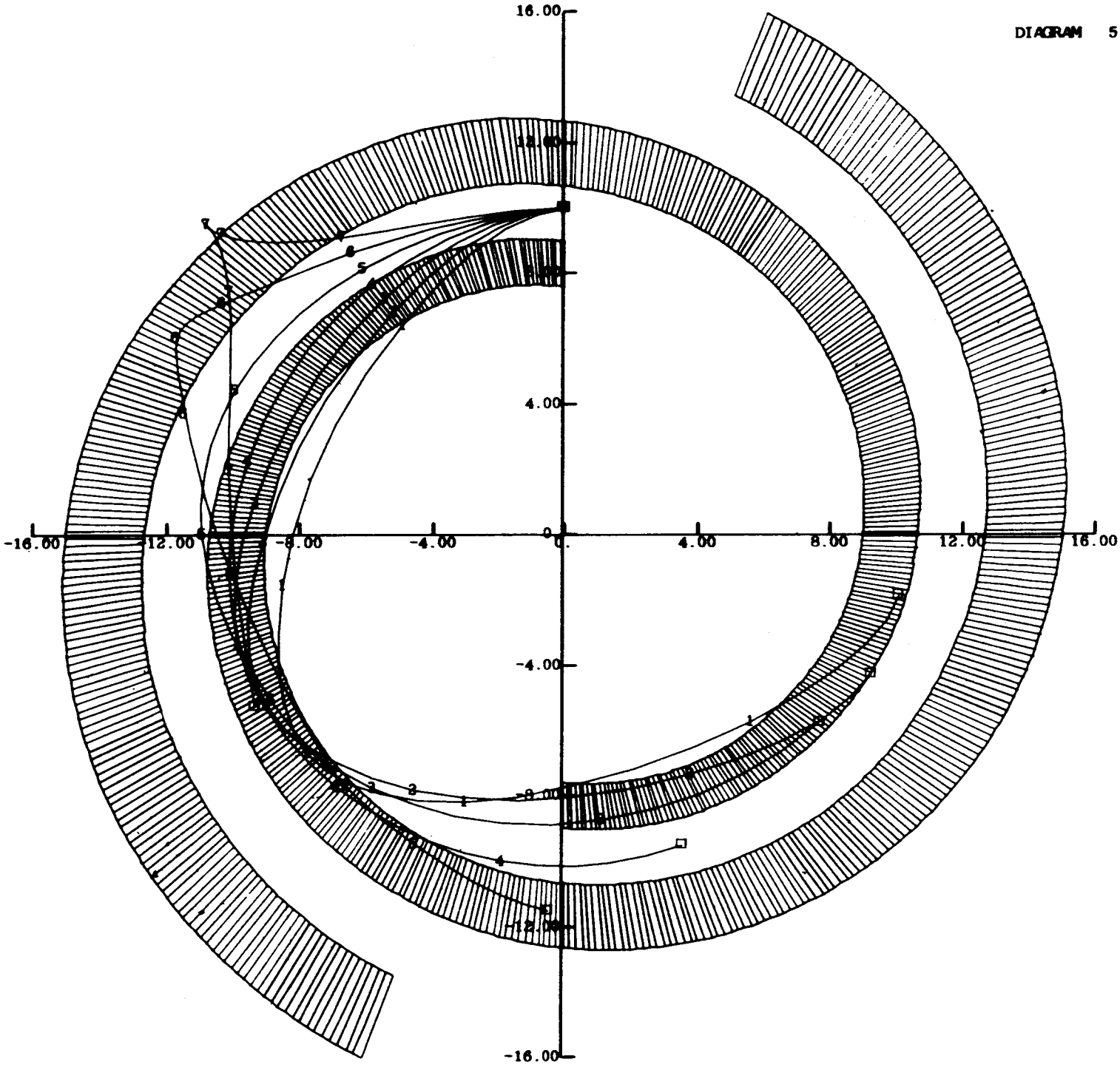
□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS



U = 0.0 WO=25.000

WP=13.5 ETA= 0400 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

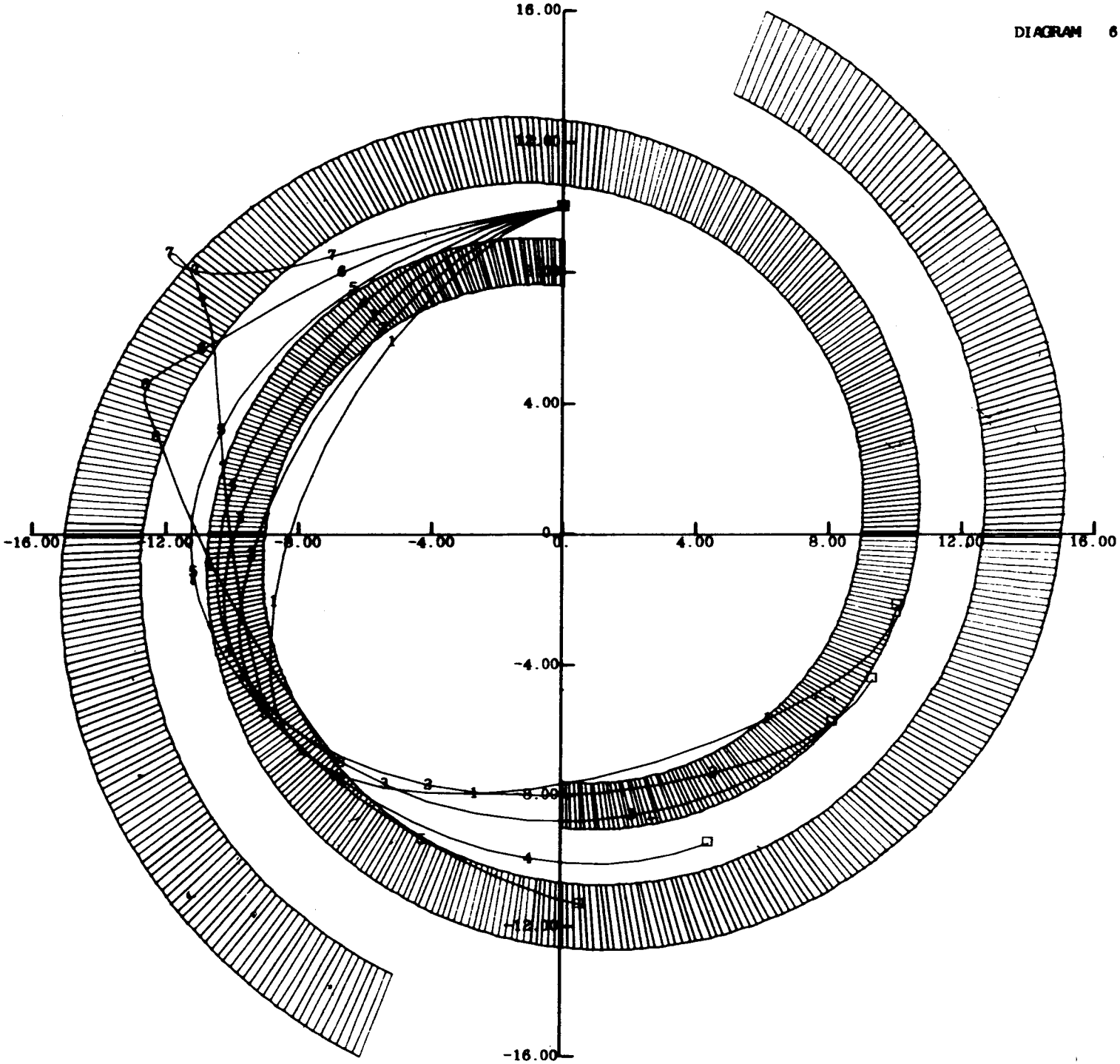


U = 10. W0=25.000

WP=13.5 ETA=.0400 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 6

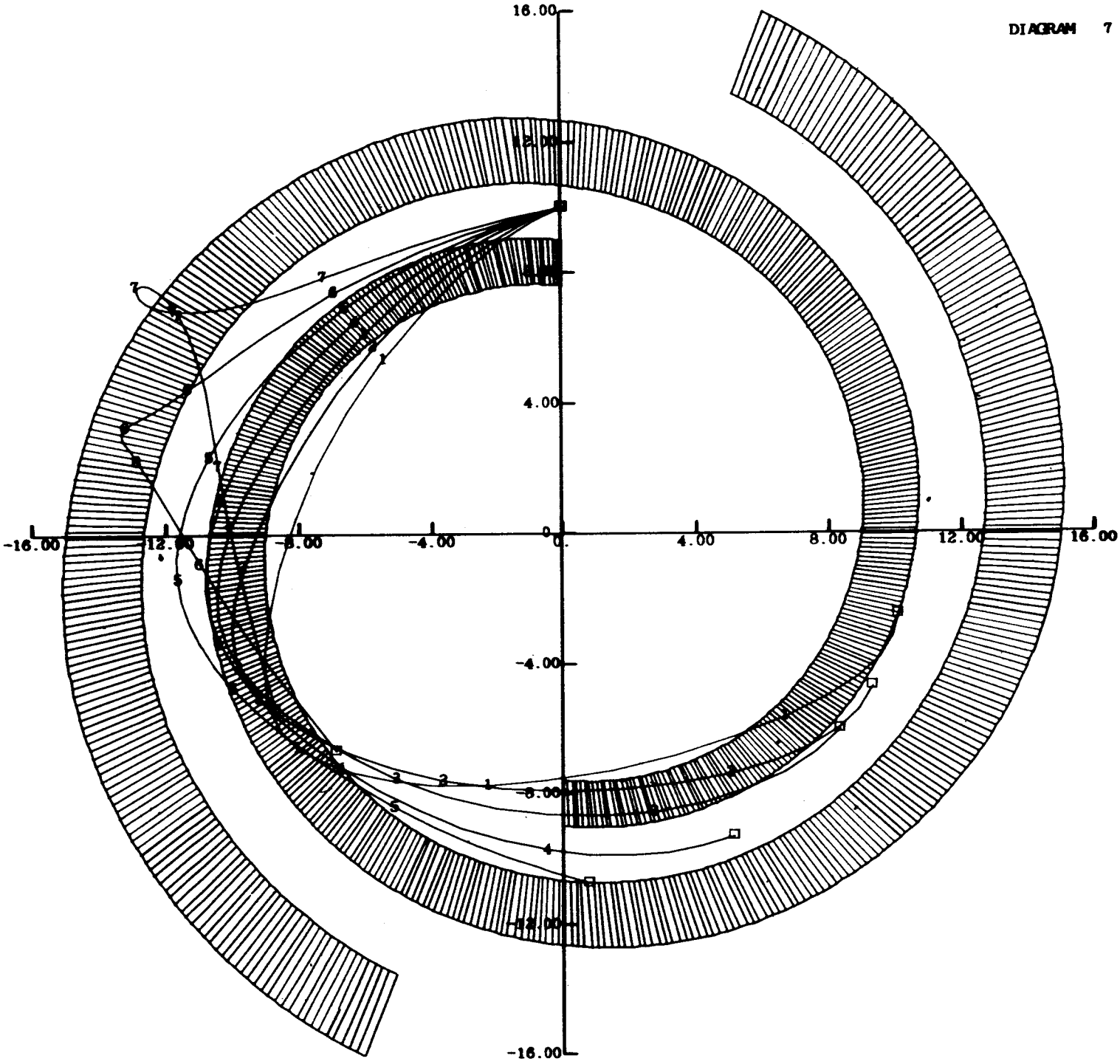


U = 20. W0=25.000

WP=13.5 ETA=.0400 PI1= 8.26 ATAN(2Y/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

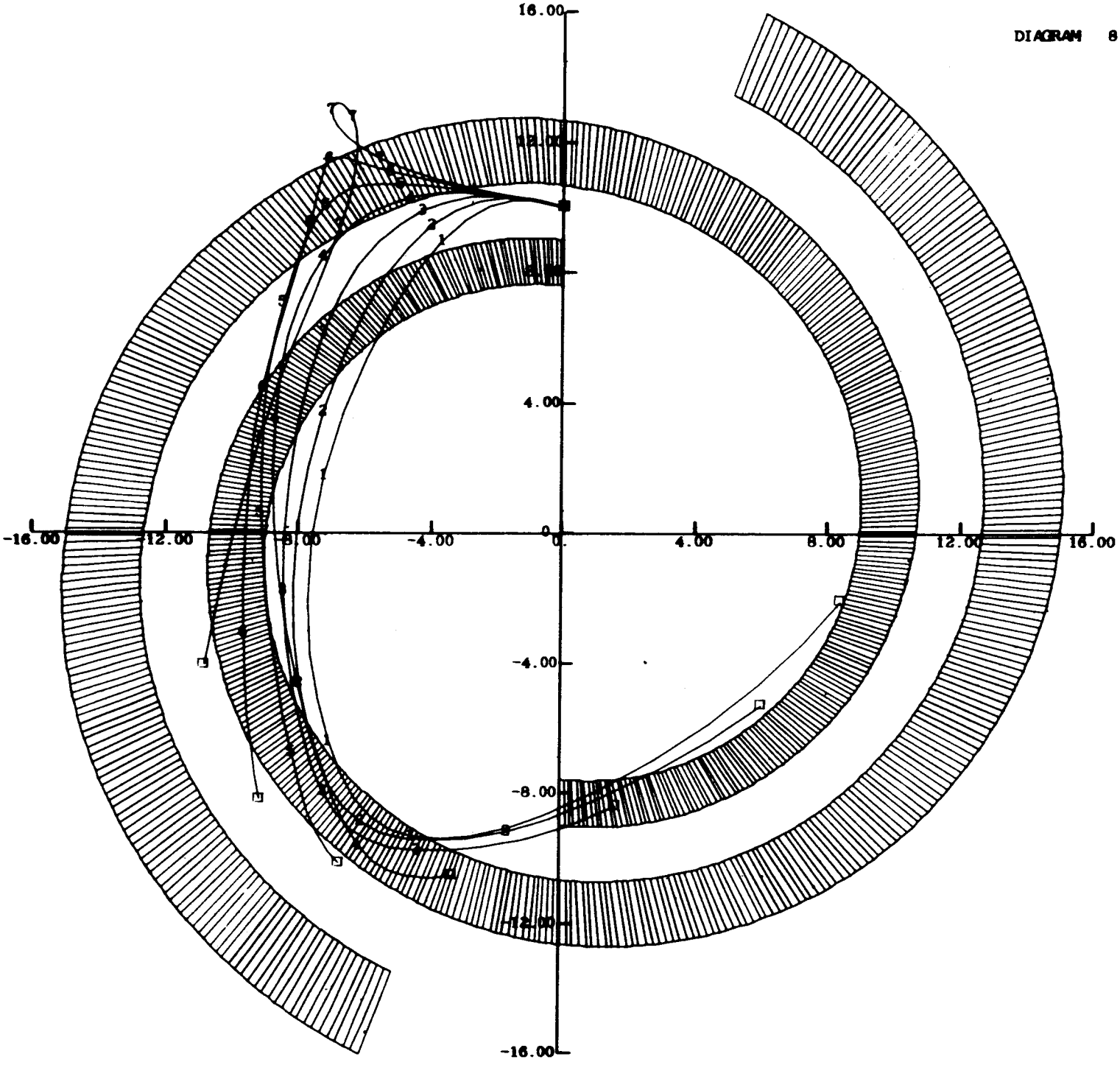
DIAGRAM 7



U = 30. W0=25.000

WP=13.5 ETA=.0400 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

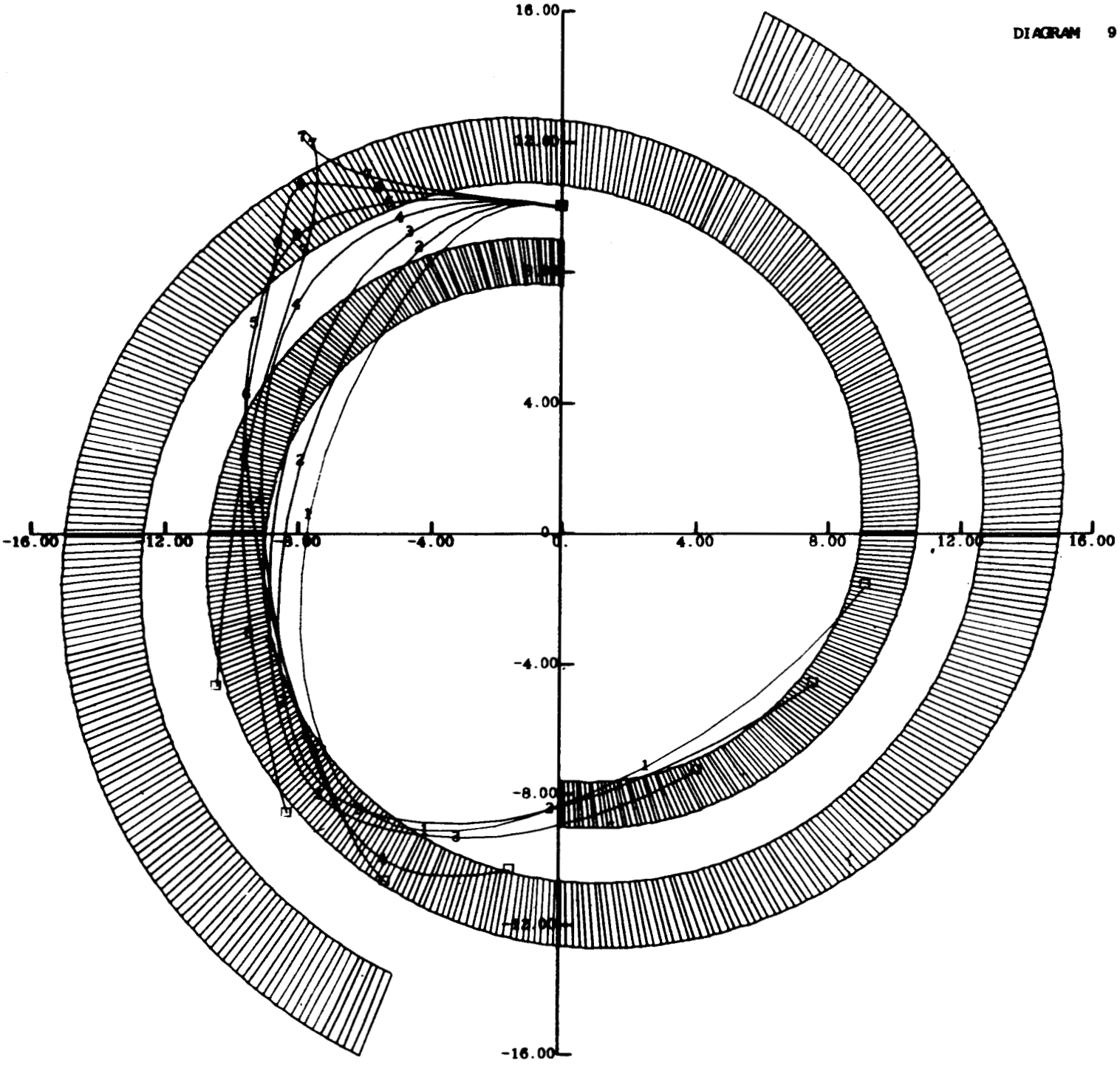
□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS



U = -30. W0=25.000

WP=13.5 ETA=.0500 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

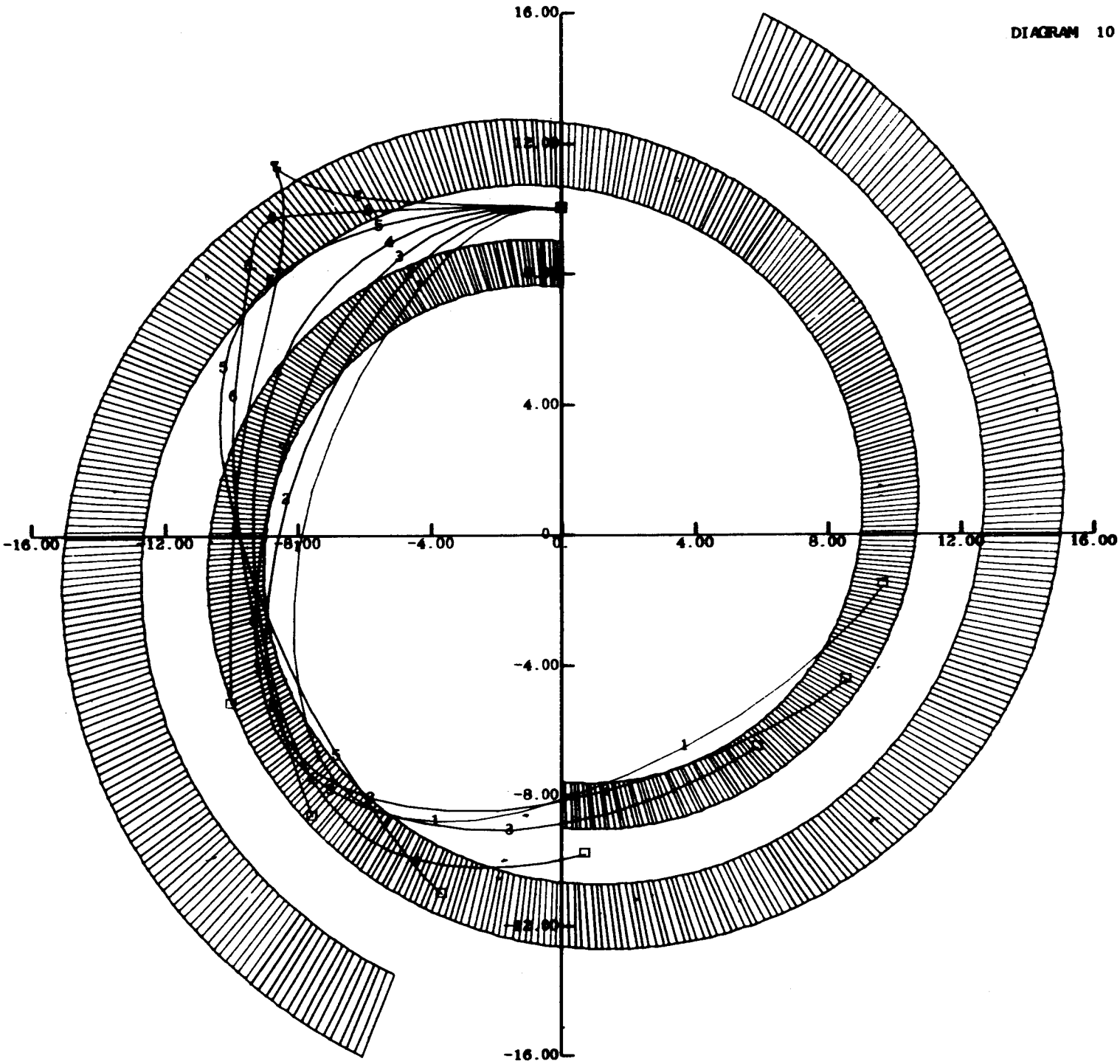


U = -20. W0=25.000

WP=13.5 ETA=.0500 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 10

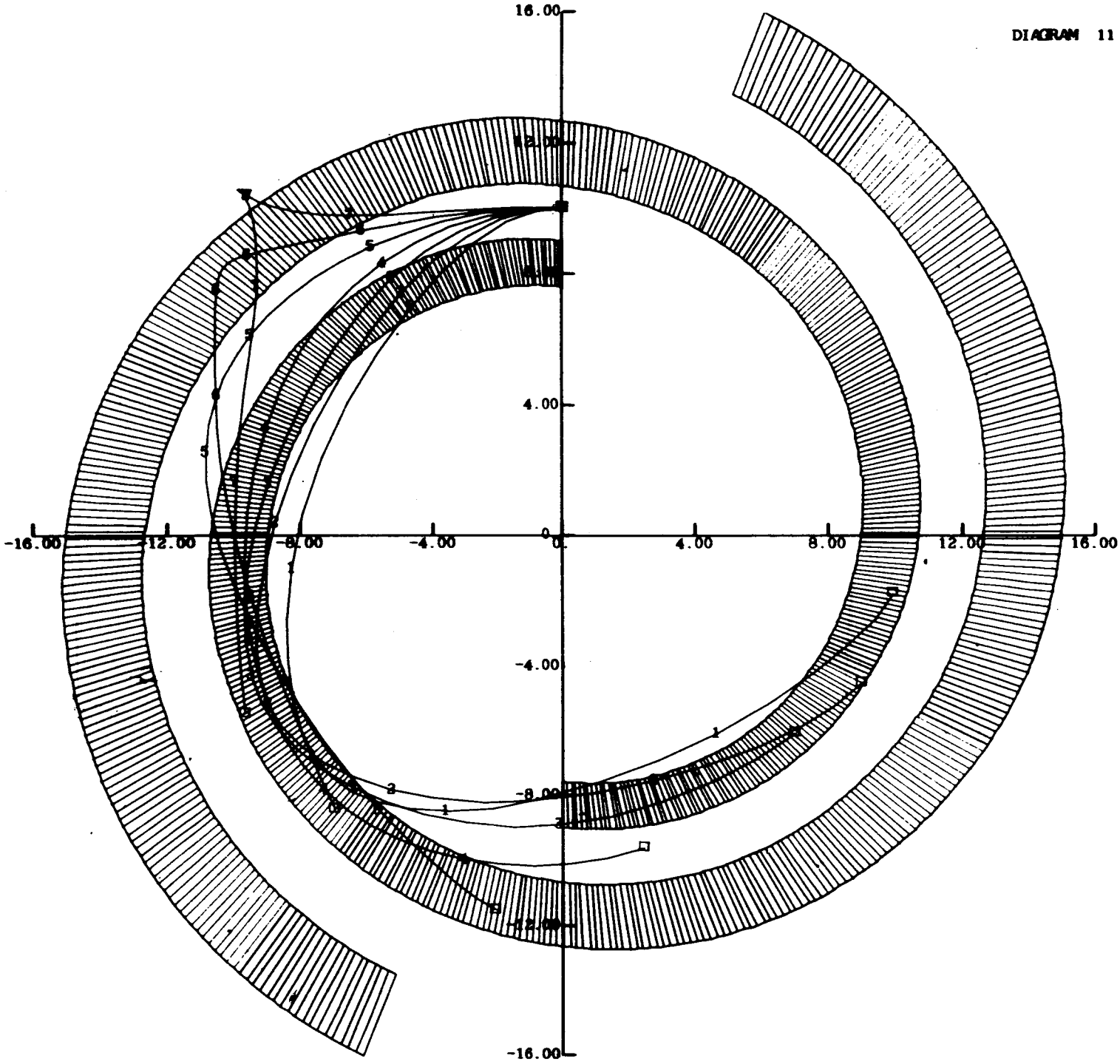


U = -10. W0=25.000

WP=13.5 ETA=.0500 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 11

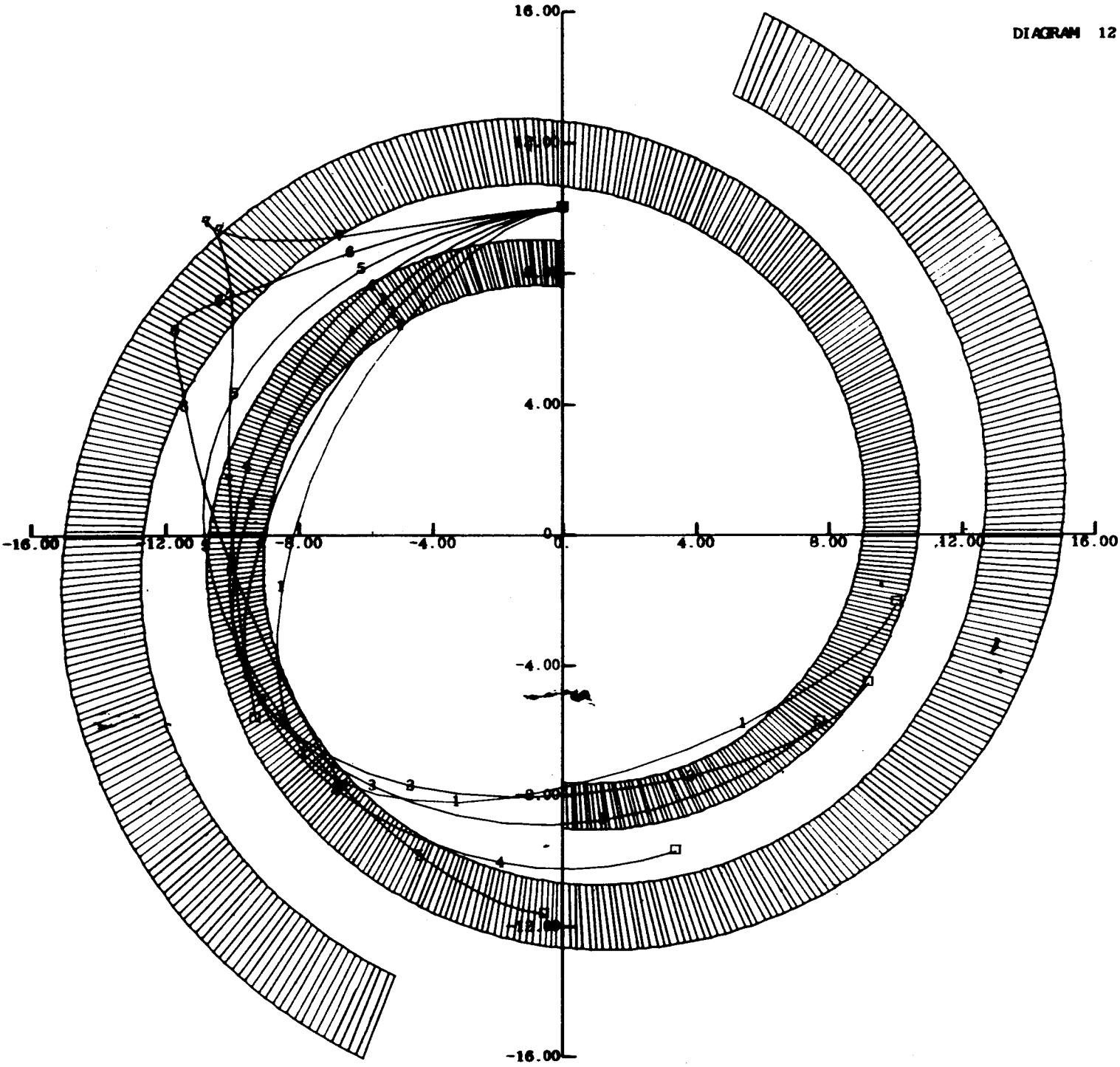


U = 0.0 WO=25.000

WP=13.5 ETA=.0500 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 12

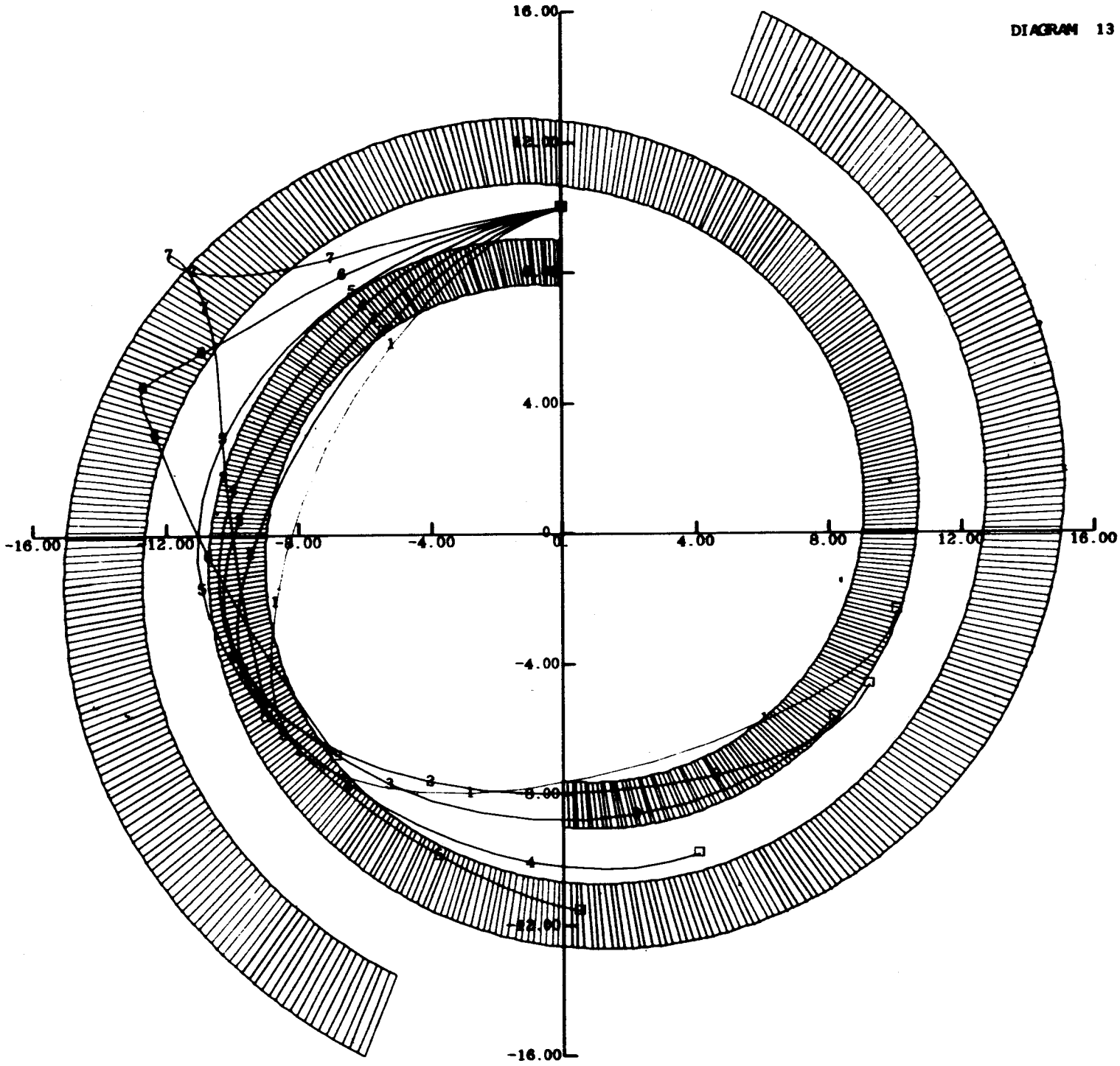


U = 10. WO=25.000

WP=13.5 ETA=.0500 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 13

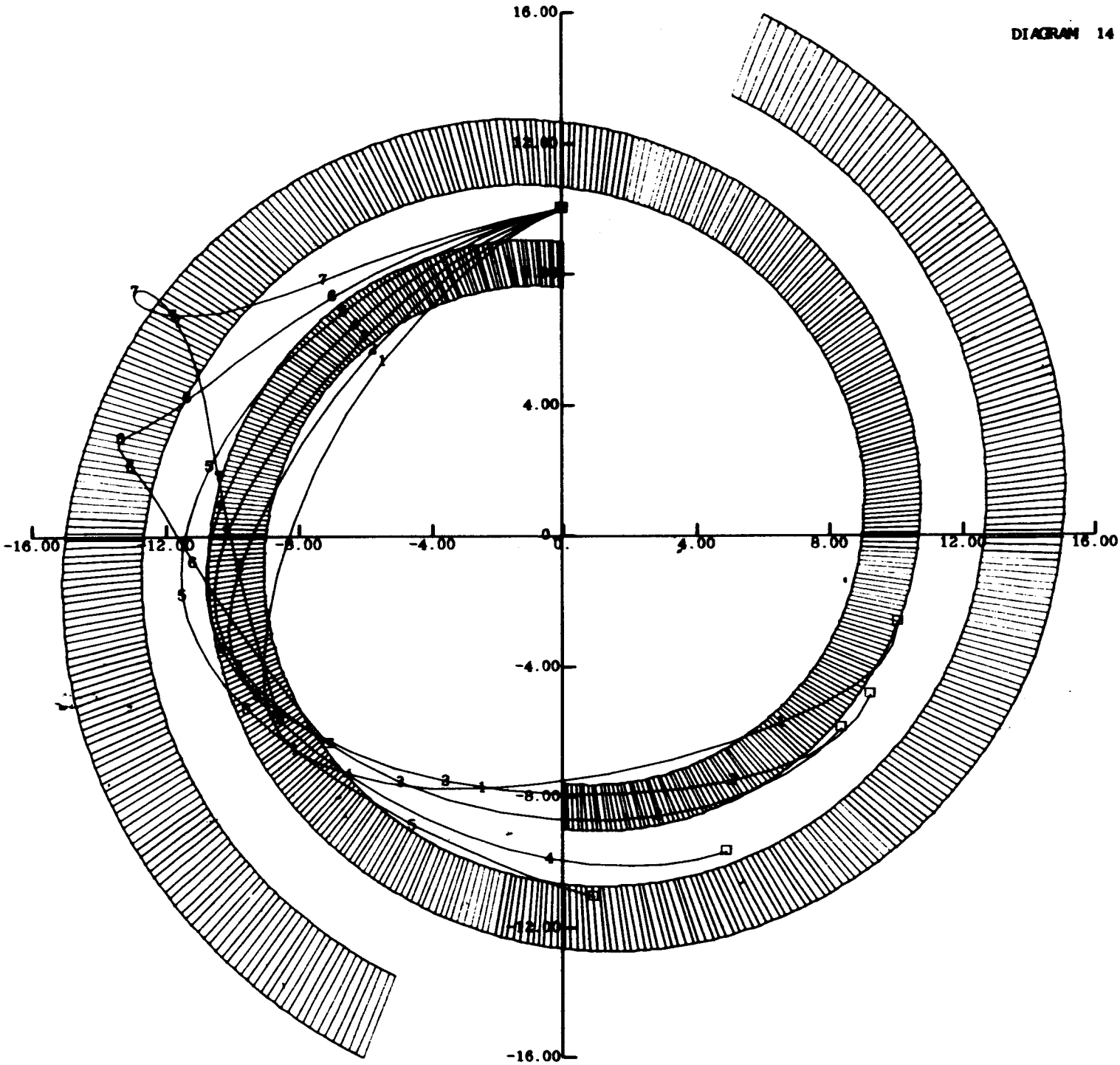


U = 20. W0=25.000

WP=13.5 ETA=.0500 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

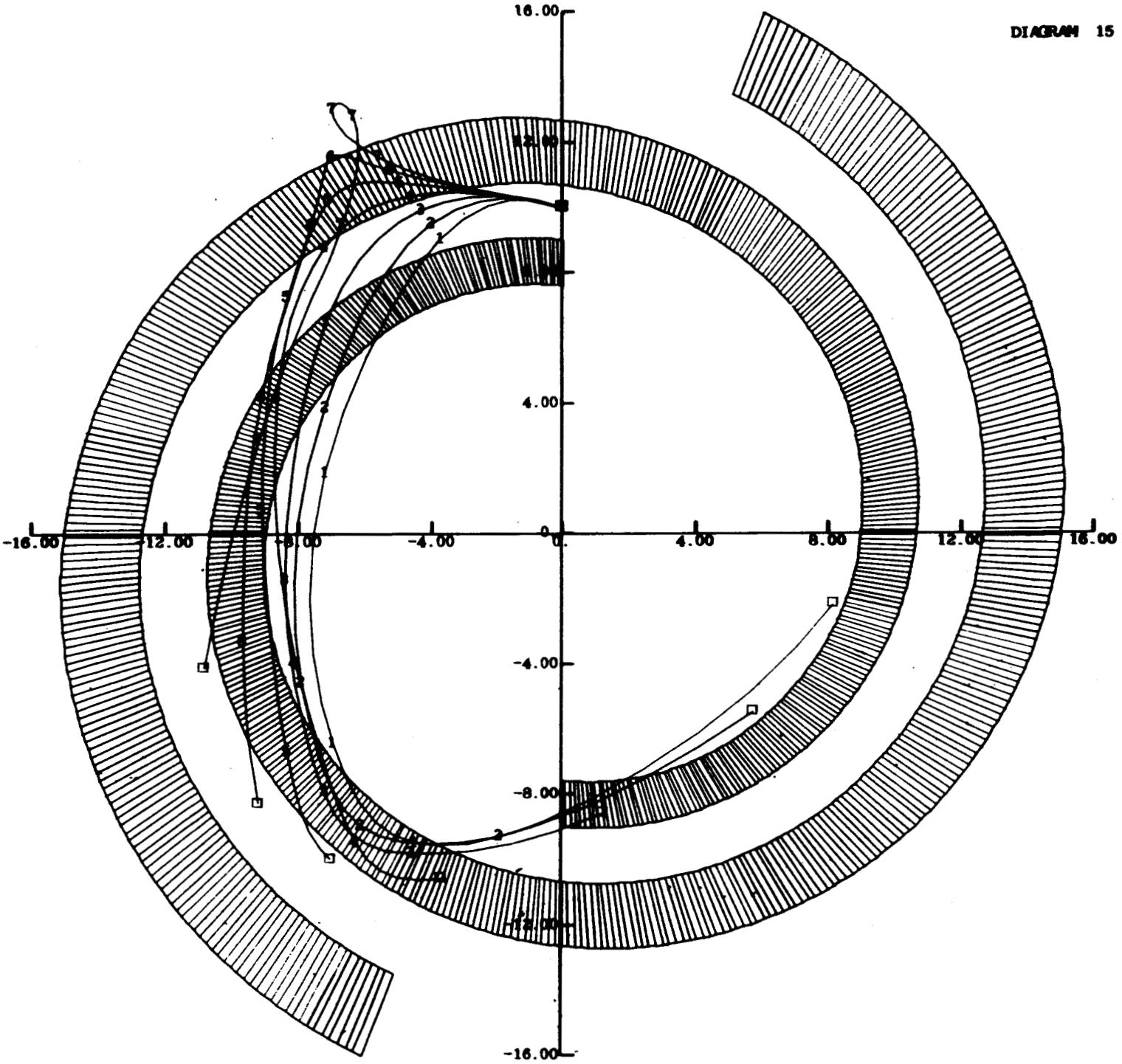
DIAGRAM 14



U = 30. W0=25.000

WP=13.5 ETA=.0500 PI1= 8.26 · ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

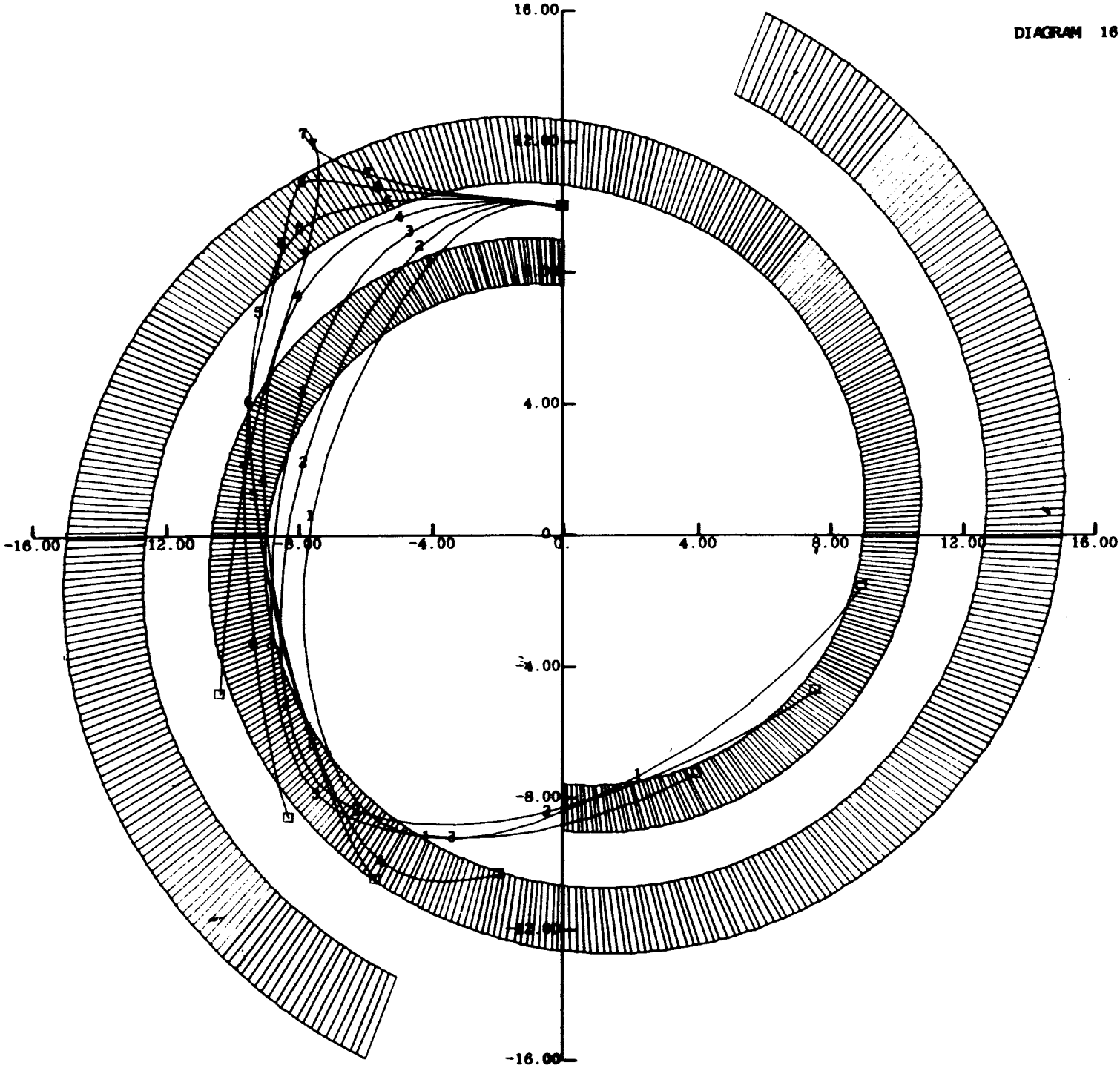


U = -30. W0=25.000

WP=13.5 ETA= 0600 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 16

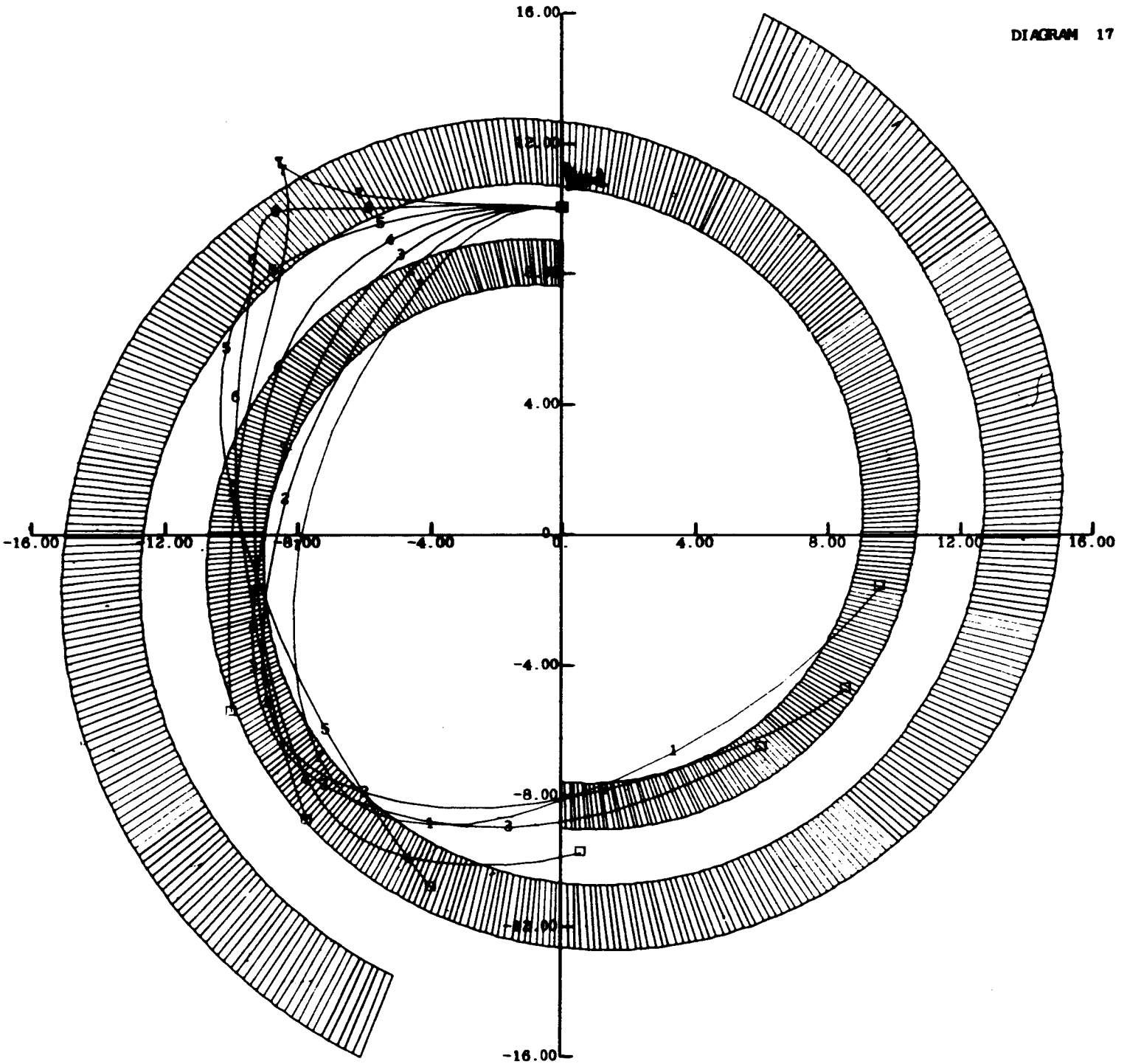


U = -20. W0=25.000

WP=13.5 ETA=.0600 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 17

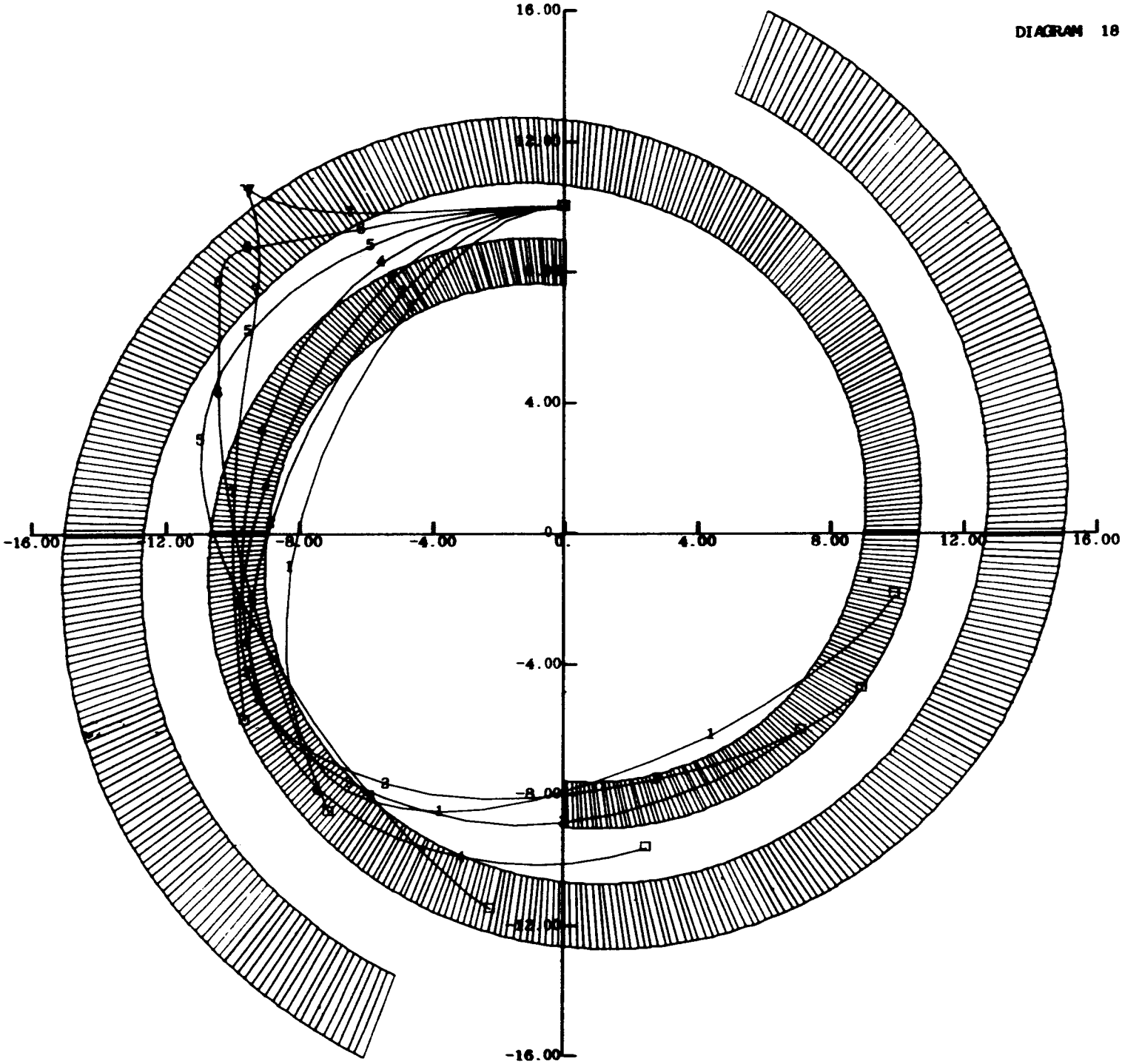


U = -10. W0=25.000

WP=13.5 ETA=.0600 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

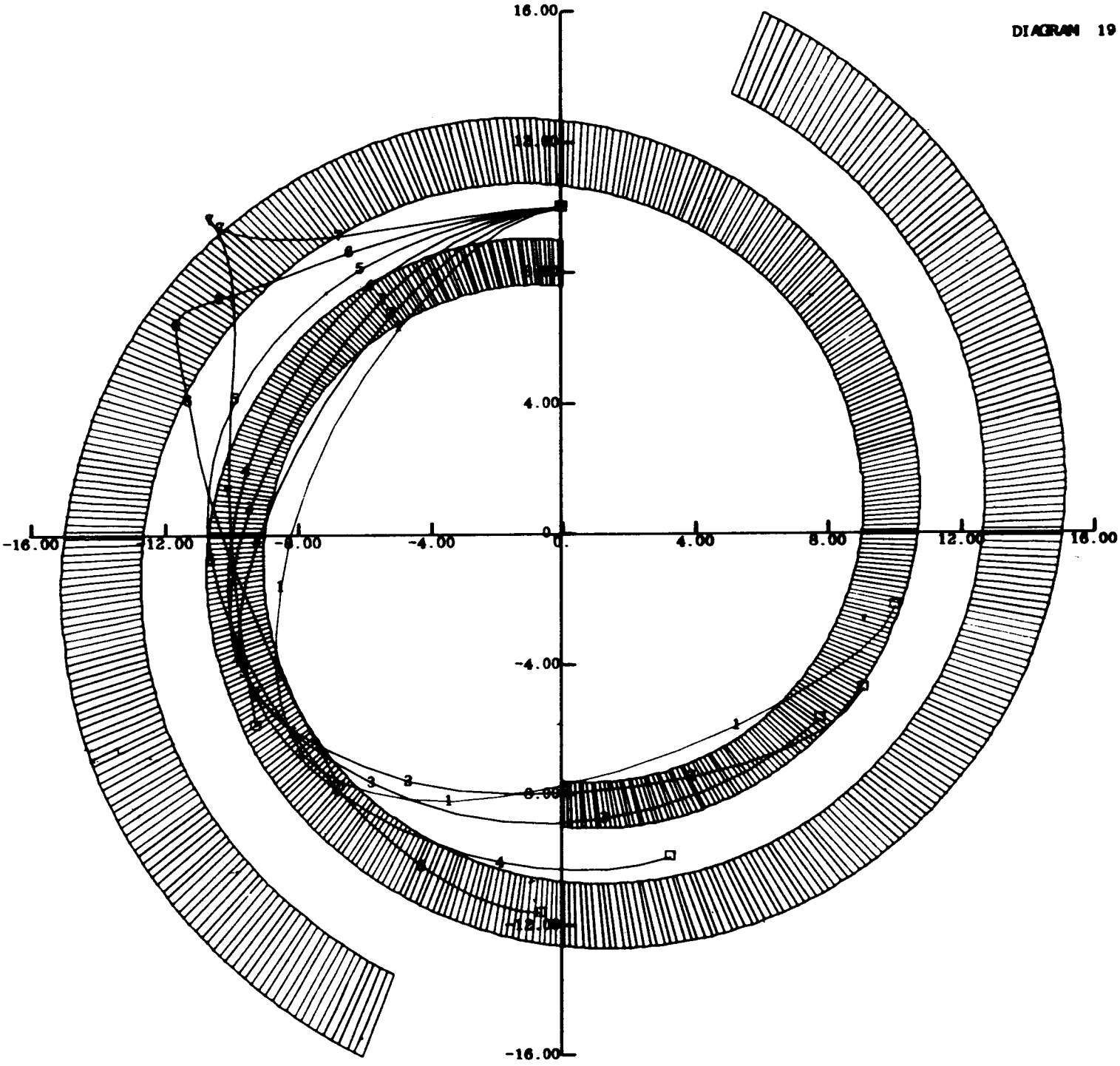
DIAGRAM 18



U = 0.0 W0=25.000

WP=13.5 ETA= 0600 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

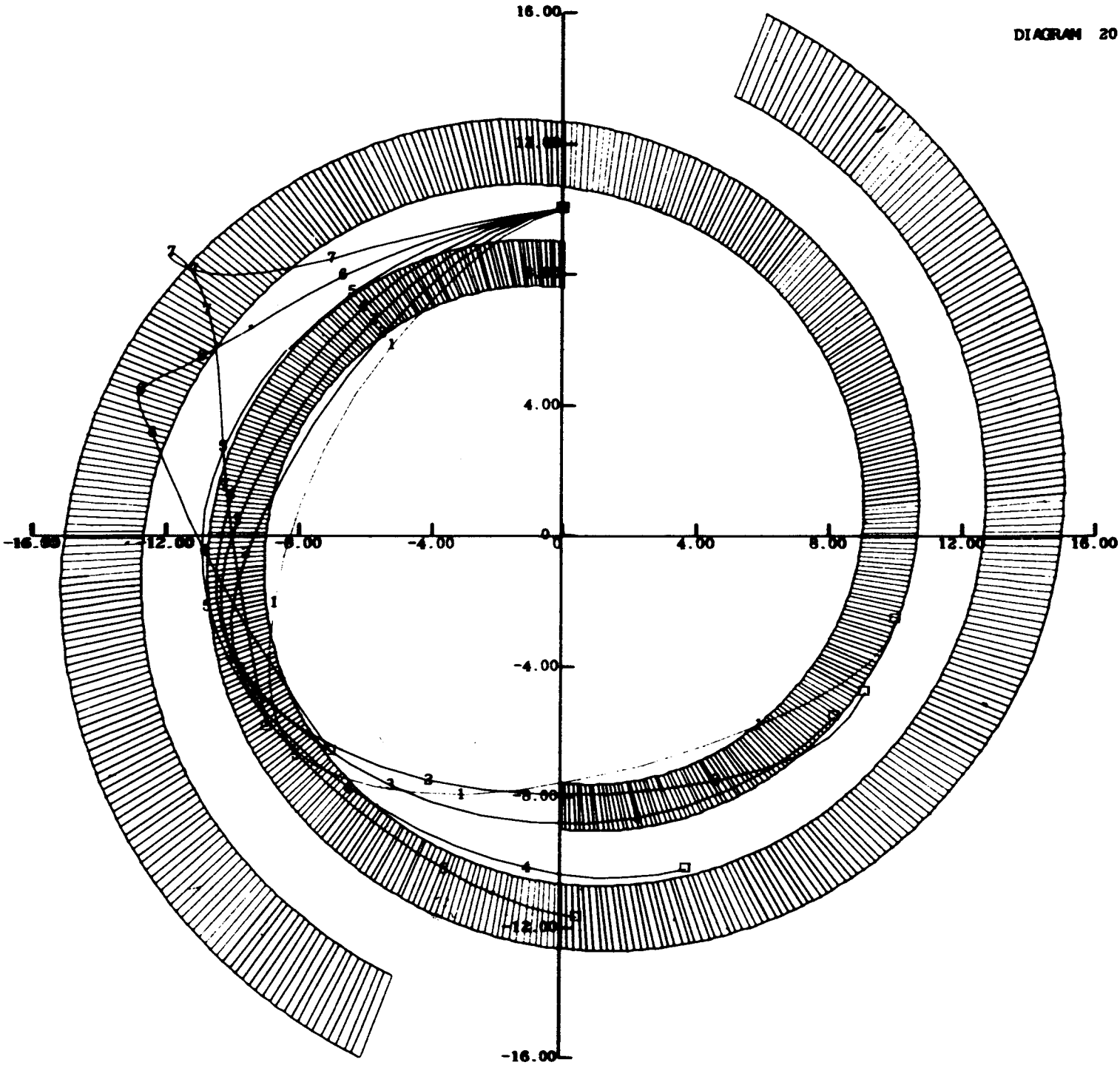


U = 10. W0=25.000

WP=13.5 ETA=.0600 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

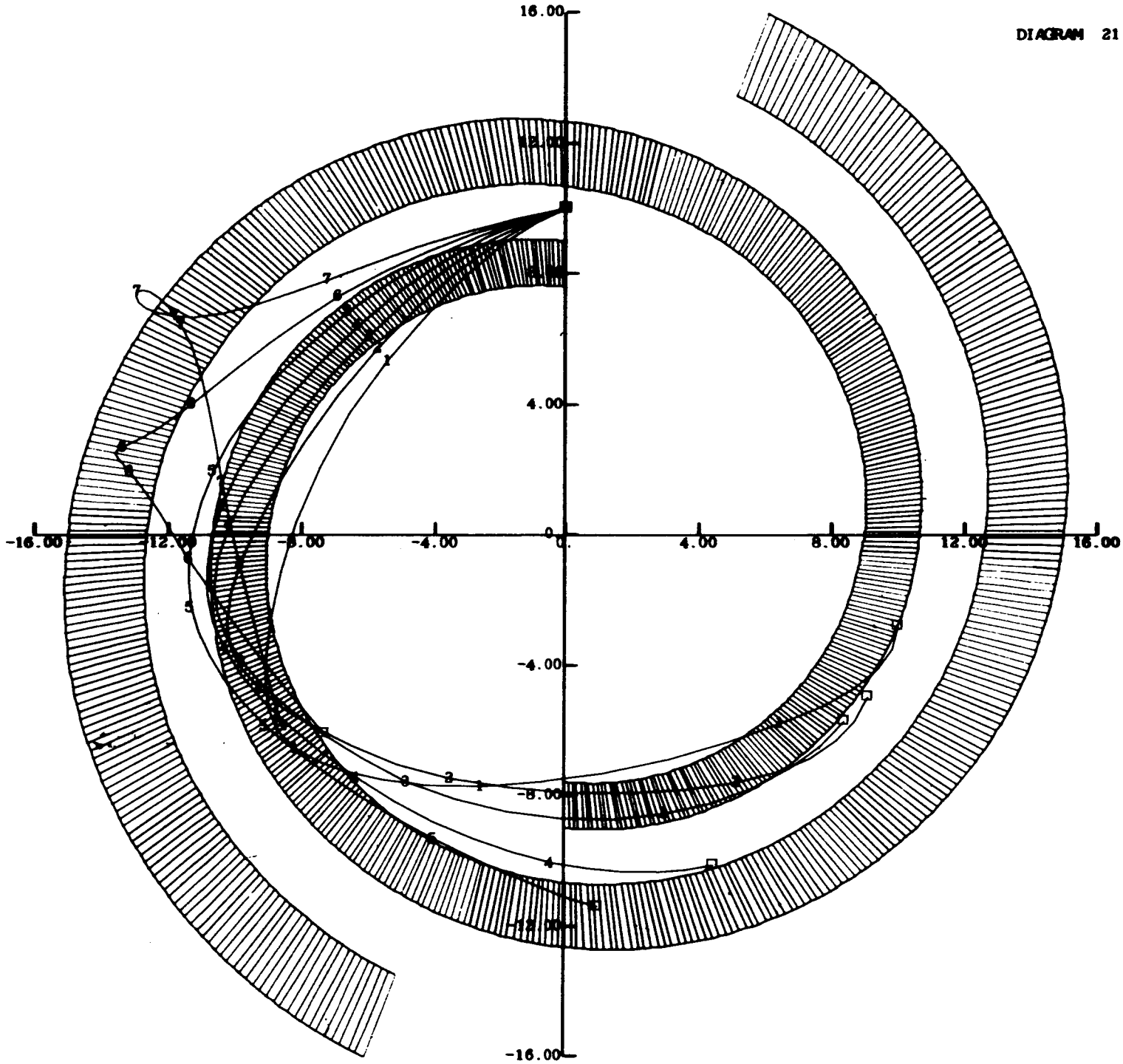
DIAGRAM 20



U = 20. W0=25.000

WP=13.5 ETA=.0600 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.[illegible] YRS EACH NUMBERS - EVERY 50 YEARS

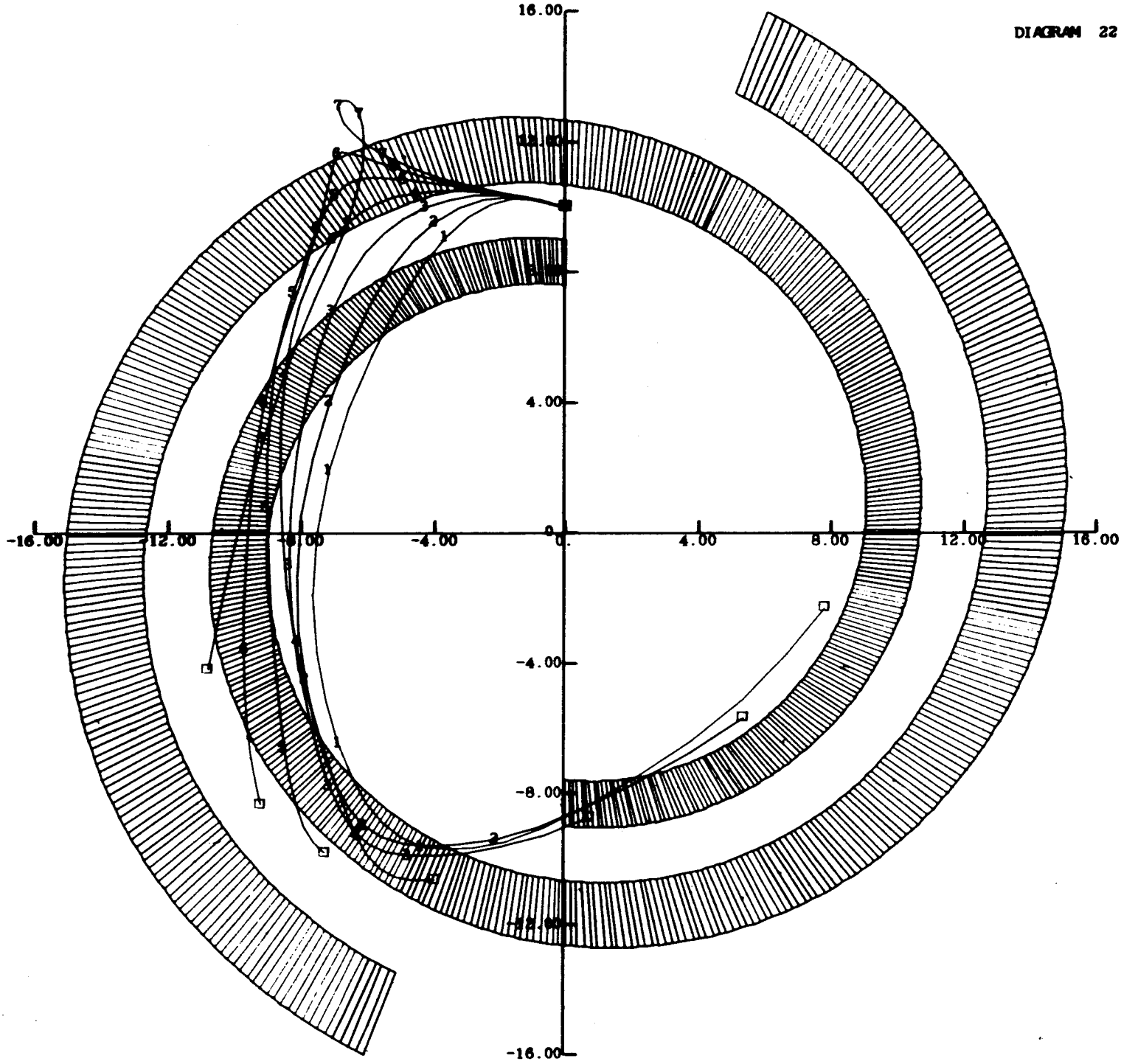


U = 30. W0=25.000

WP=13.5 ETA=.0600 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

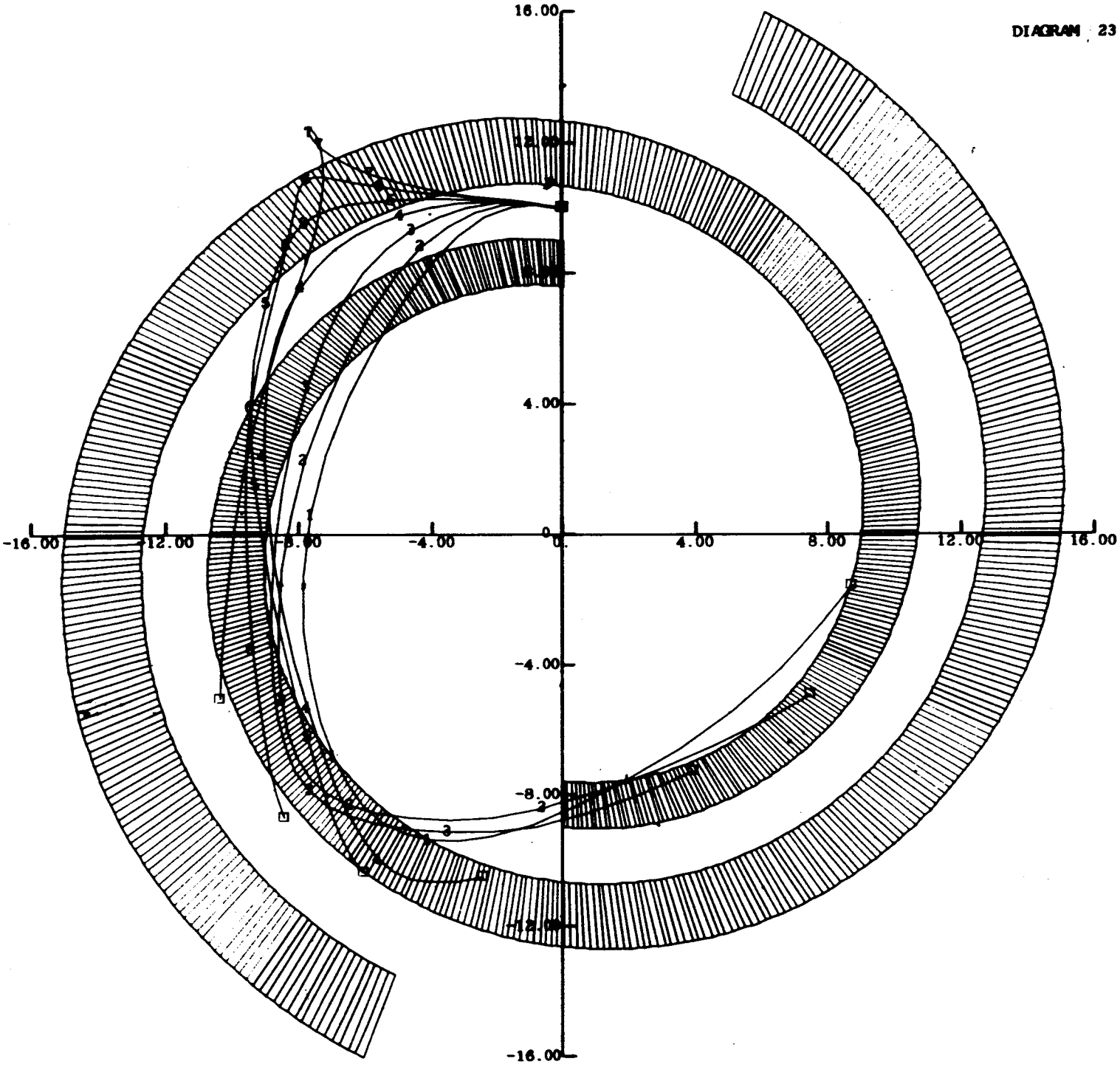
DIAGRAM 22



U = -30. W0=25.000

WP=13.5 ETA= .0700 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

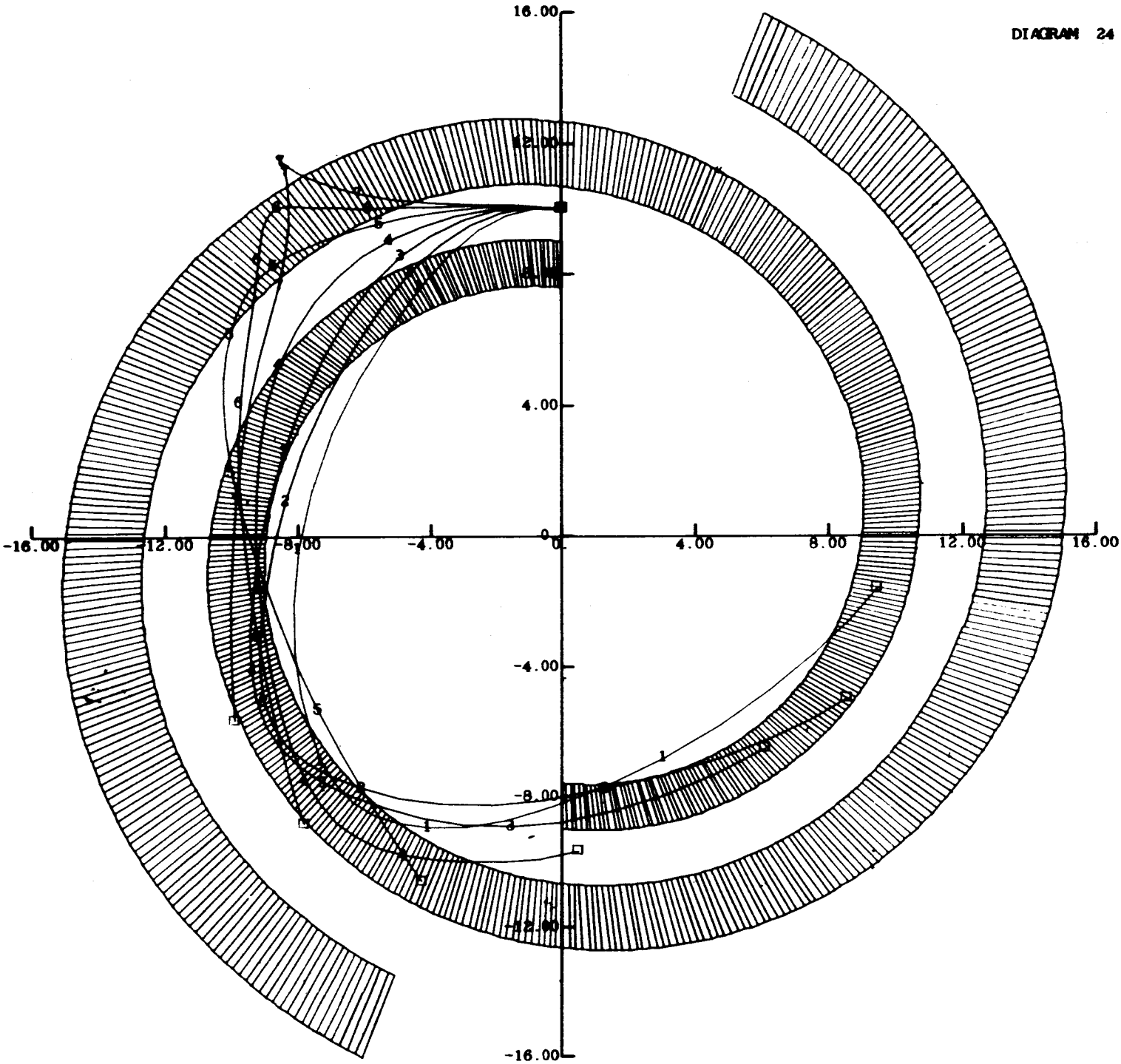
□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS



U = -20. W0=25.000

WP=13.5 ETA=.0700 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

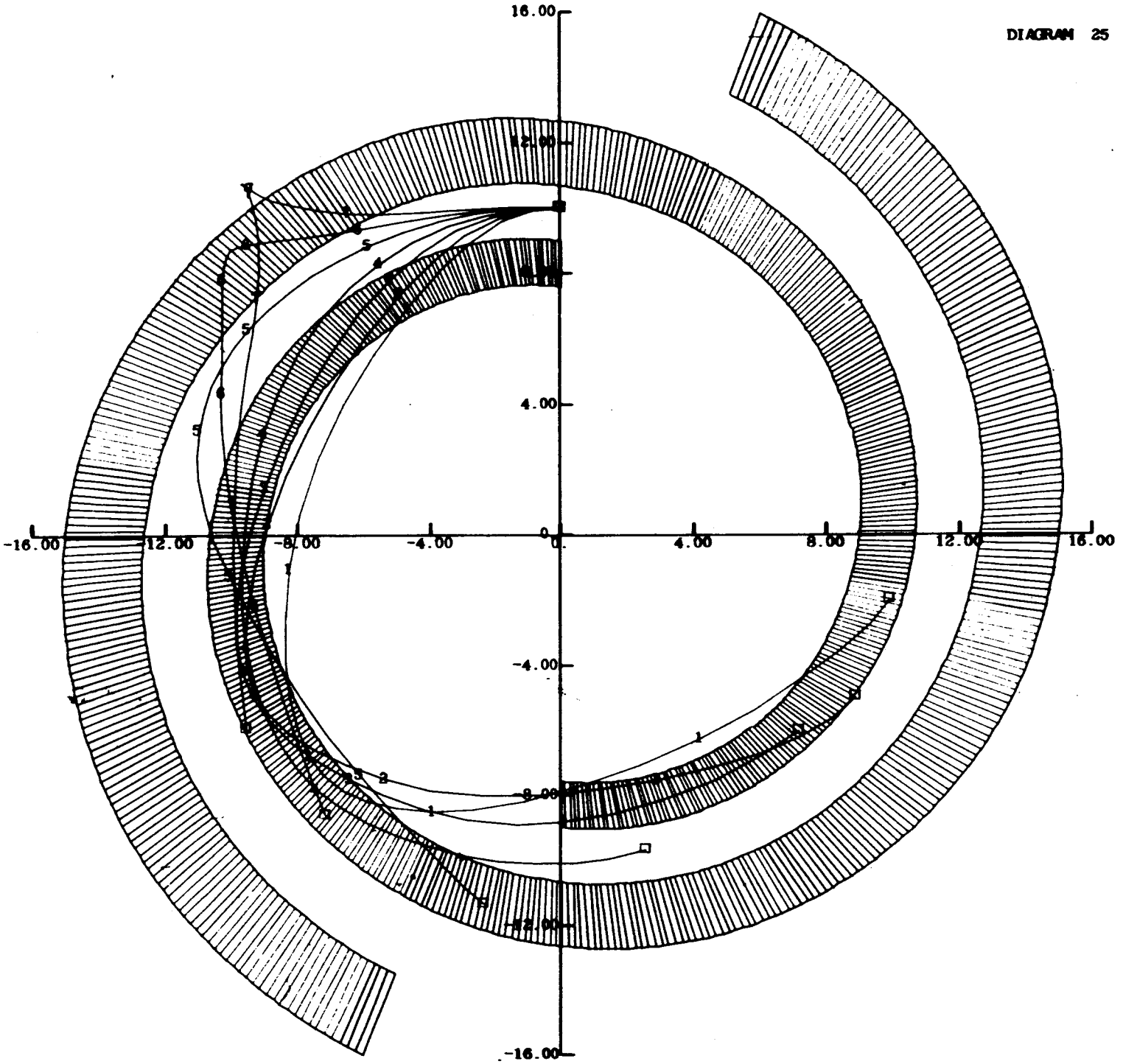


U = -10. W0=25.000

WP=13.5 ETA=.0700 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 25

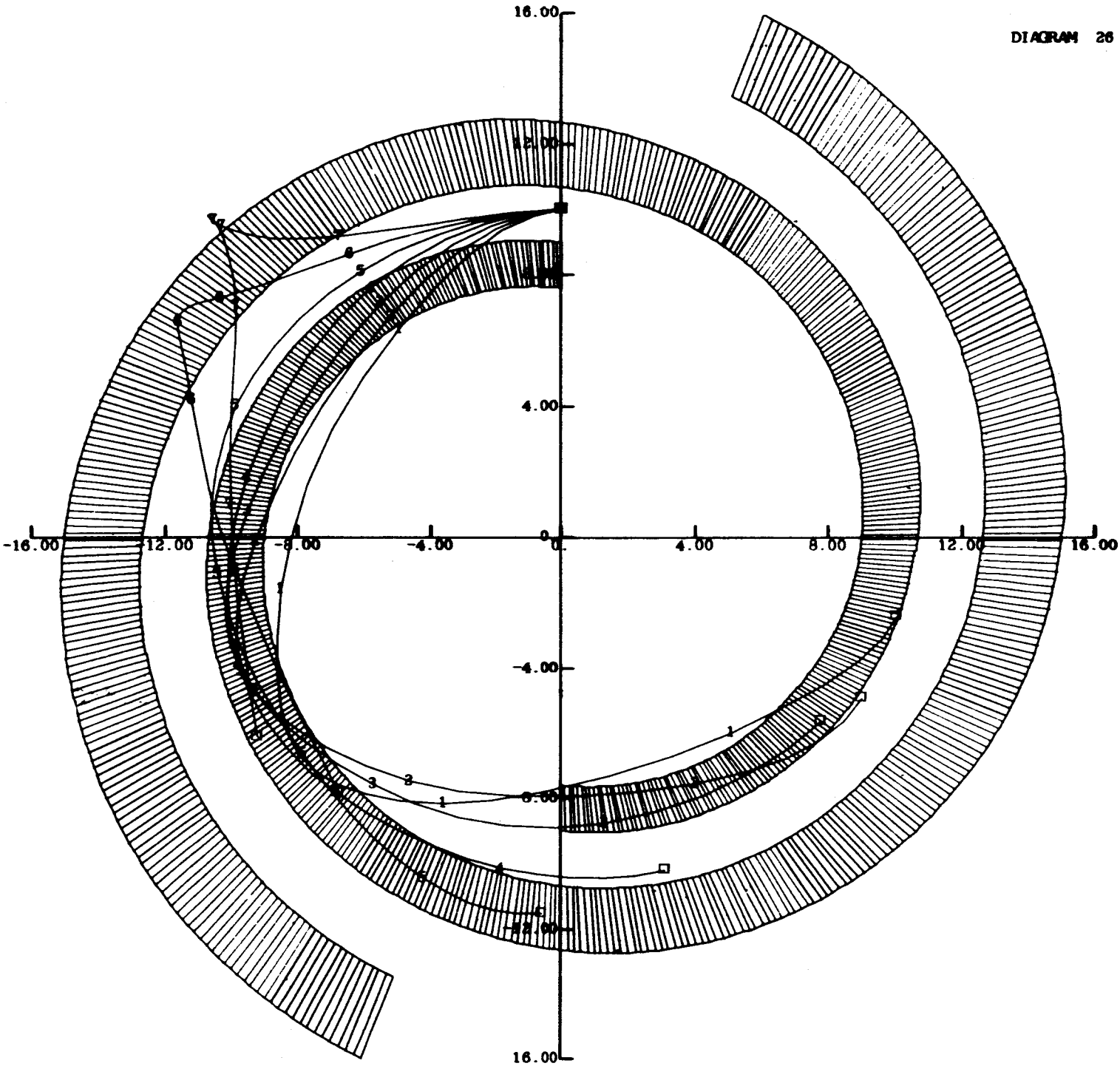


U = 0.0 WO=25.000

WP=13.5 ETA=.0700 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

DIAGRAM 26

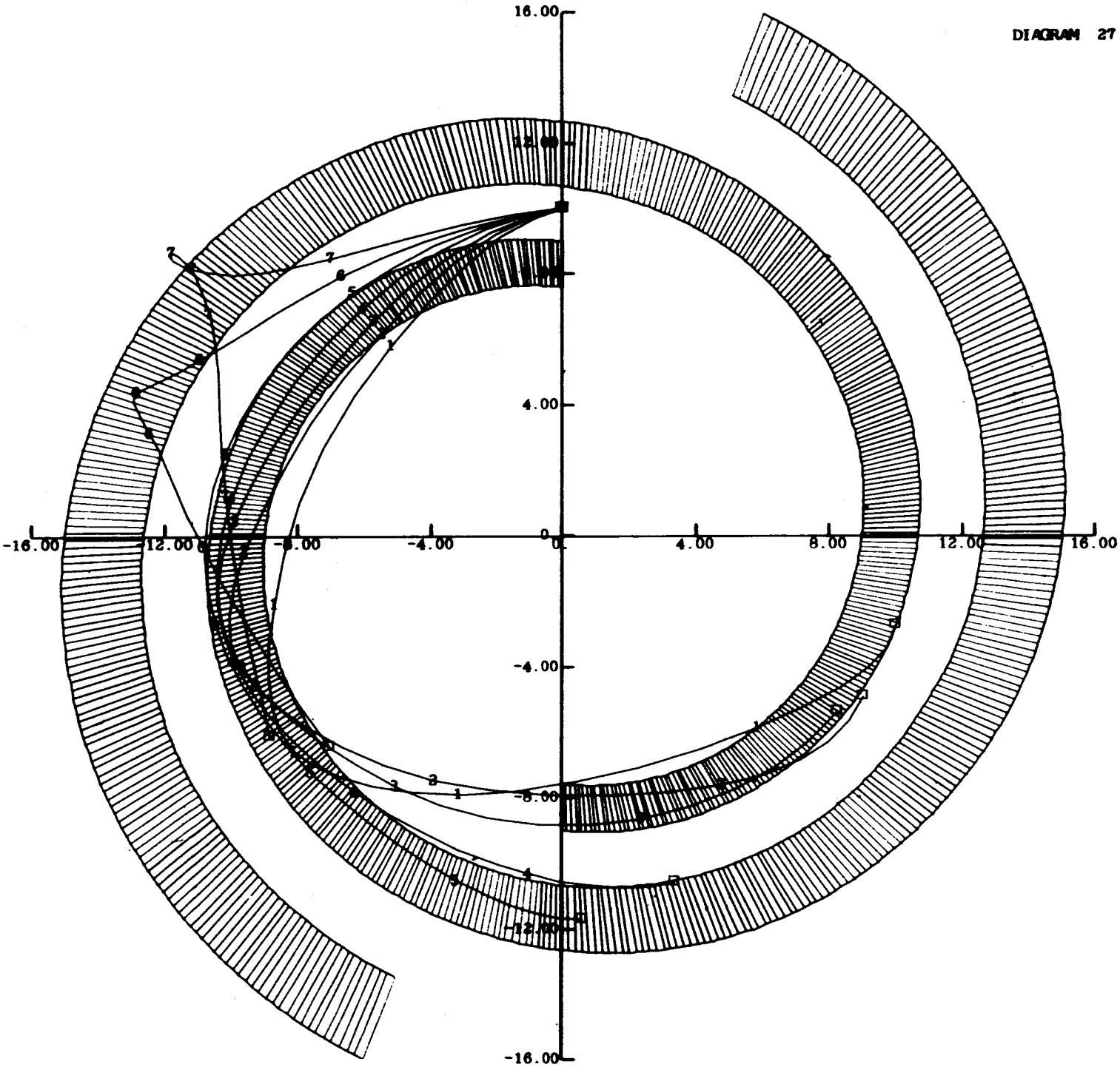


U = 10. W0=25.000

WP=13.5 ETA= 0700 PII= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS

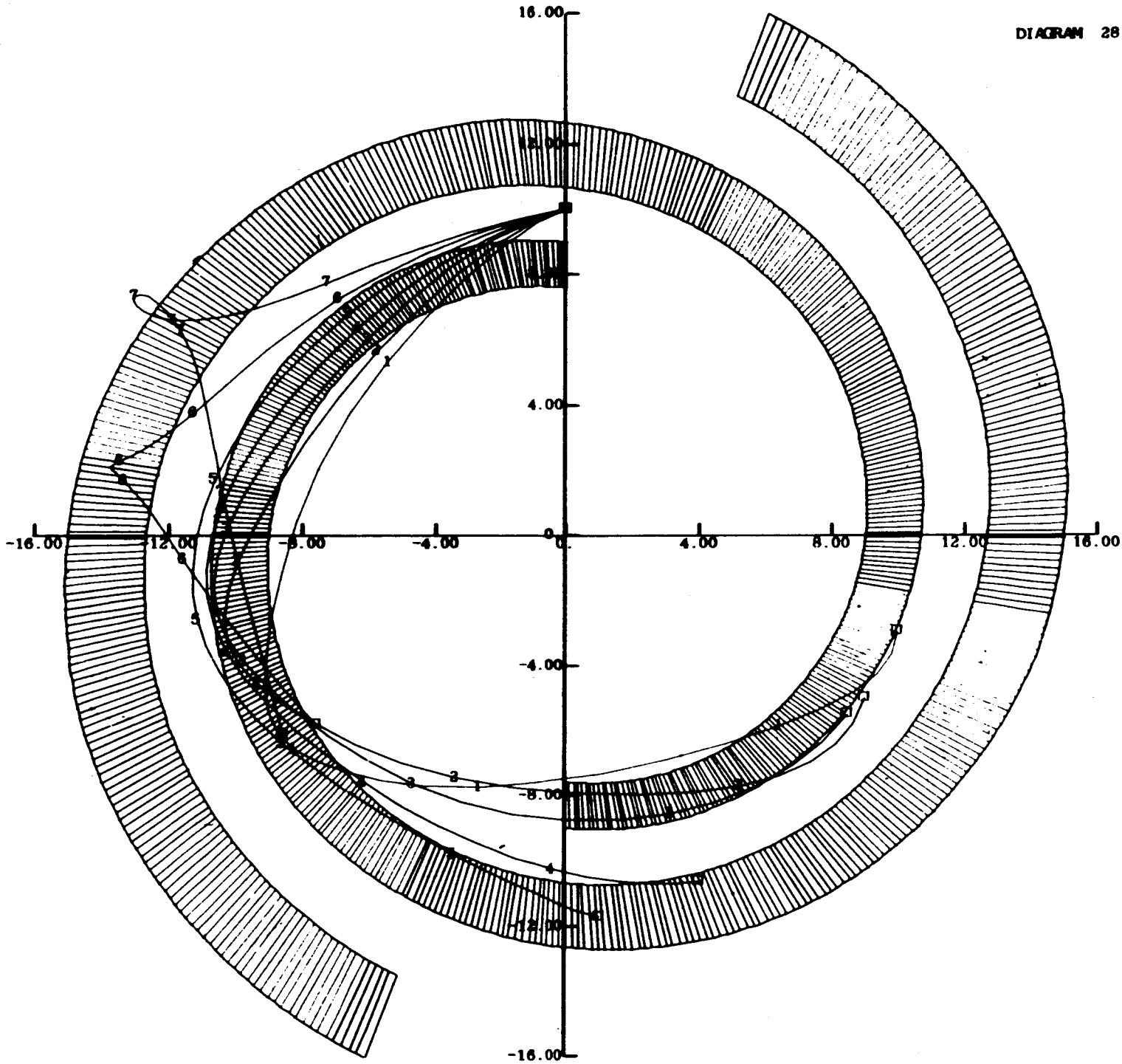
DIAGRAM 27



U = 20. W0=25.000

WP=13.5 ETA=.0700 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF =0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS



U 30. W0=25.000

WP=13.5 ETA= 0700 PI1= 8.26 ATAN(2/ALPHA)=-6.2 DEG

□ 60 TIME STEPS OF -0.500*10**7 YRS EACH NUMBERS - EVERY 50 YEARS