

H	K	L	GRP	HD	FC	A	B	SINHL/LM	DF	W*DF	ANGLE CALC
4	11	1	L	1.81	2.61	2.61	0.00	.67203	-.80	-1.08	180
4	11	2	L	1.38	.19	.19	0.00	.70736	1.19	1.21	180
4	11	3	L	1.44	.04	-.04	0.00	.74754	1.40	1.36	180
4	12	-9	L	2.51	1.13	-1.13	0.00	.73671	1.38	2.24	180
4	12	-8	L	2.65	2.57	2.57	0.00	.70440	.29	.54	0
4	12	-7	L	14.53	14.06	14.06	0.00	.67776	.47	2.36	0
4	12	-5	L	2.38	2.40	-2.40	0.00	.65746	-.01	-.03	180
4	12	-4	L	5.61	4.94	-4.94	0.00	.64411	.07	.25	180
4	12	-4	L	2.14	3.38	-3.38	0.00	.63814	-1.24	-1.91	180
4	12	-3	L	14.25	13.59	-13.59	0.00	.63977	.66	3.45	180
4	12	-2	L	3.13	2.07	2.07	0.00	.64894	1.05	2.53	0
4	12	-1	L	4.61	4.21	4.21	0.00	.66532	.41	1.19	0
4	12	0	L	2.51	1.45	-1.45	0.00	.68842	1.06	1.90	180
4	12	1	L	1.41	1.42	-1.42	0.00	.71758	-.01	-.01	180
4	12	2	L	4.28	3.20	3.20	0.00	.75209	1.08	2.68	0
4	13	-8	L	4.11	3.05	3.05	0.00	.73924	1.06	2.77	0
4	13	-7	L	5.06	4.07	4.07	0.00	.71529	.99	3.22	0
4	13	-6	L	8.56	9.00	-9.00	0.00	.69751	-.44	-1.70	180
4	13	-5	L	3.41	1.82	-1.82	0.00	.68639	1.58	4.02	180
4	13	-4	L	3.88	2.26	2.26	0.00	.68225	1.62	4.68	0
4	13	-3	L	5.53	5.16	5.16	0.00	.68523	.37	1.24	0
4	13	-2	L	7.77	7.33	7.33	0.00	.69522	.43	1.68	0
4	13	-1	L	7.63	7.96	7.96	0.00	.71194	-.33	-1.24	0
4	13	0	L	1.51	1.40	1.40	0.00	.73492	.10	.10	0
4	14	-7	L	4.93	5.01	-5.01	0.00	.75418	-.08	-.21	180
4	14	-6	L	2.62	2.60	-2.60	0.00	.73869	.01	.02	180
4	14	-5	L	2.15	1.73	1.73	0.00	.72956	.42	.62	180
4	14	-4	L	1.41	.53	-.53	0.00	.72704	.87	.87	180
4	14	-3	L	4.79	5.47	5.47	0.00	.73119	-.69	-1.90	0
4	14	-2	L	8.63	8.36	8.36	0.00	.74191	.27	1.04	0
4	14	-1	L	4.13	4.79	-4.79	0.00	.75119	-.66	-1.43	180
5	-15	0	L	2.40	.09	.09	0.00	.73823	2.31	3.83	0
5	-15	1	L	9.05	9.13	9.13	0.00	.73172	-.08	-.32	0
5	-15	2	L	7.98	8.02	8.02	0.00	.73183	-.05	-.17	0
5	-15	3	L	1.46	2.09	2.09	0.00	.73855	-.61	-.58	0
5	-15	4	L	1.40	.10	-.10	0.00	.75171	1.38	1.31	180
5	-14	-3	L	11.21	10.54	-10.54	0.00	.74960	.66	2.80	180
5	-14	-2	L	3.89	4.38	4.38	0.00	.72466	-.49	-1.16	180
5	-14	-1	L	2.13	1.84	-1.84	0.00	.70575	.29	.45	180
5	-14	0	L	4.01	4.68	-4.68	0.00	.69338	-.67	-1.74	180
5	-14	1	L	11.40	10.95	10.95	0.00	.68789	.46	2.04	0
5	-14	2	L	2.42	1.41	1.41	0.00	.68944	1.00	1.73	0
5	-14	3	L	5.80	5.21	-5.21	0.00	.69800	.60	1.96	180
5	-14	4	L	7.06	6.84	-6.84	0.00	.71330	.22	.80	180
5	-14	5	L	1.46	1.92	1.92	0.00	.73493	-.45	-.43	180
5	-13	-4	L	1.38	.41	.41	0.00	.73561	.98	.99	0
5	-13	-3	L	5.73	5.28	-5.28	0.00	.70470	.46	1.43	180
5	-13	-2	L	4.55	4.03	4.03	0.00	.67958	.52	1.51	180
5	-13	-1	L	3.47	2.03	-2.03	0.00	.66088	1.43	3.60	180
5	-13	0	L	1.95	2.20	2.20	0.00	.64918	-.25	-.37	0
5	-13	1	L	11.50	11.56	-11.56	0.00	.64486	-.06	-.31	180
5	-13	2	L	10.64	10.52	-10.52	0.00	.64805	.12	.55	180
5	-13	3	L	2.08	2.69	2.69	0.00	.65865	-.61	-.92	0

ANGLE  
STAT

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
5	-13	4	1	2.69	2.48	-2.48	0.00	.67632	.21	.41	180	
5	-13	5	1	1.41	.04	-.04	0.00	.70052	1.37	1.36	180	
5	-13	6	1	5.89	6.18	6.18	0.00	.73059	-.30	-.96	180	
5	-12	-5	1	1.44	2.12	2.12	0.00	.72868	-.68	-.66	0	
5	-12	-4	1	5.92	6.10	6.10	0.00	.69169	-.17	-.57	0	
5	-12	-3	1	2.06	.15	-.15	0.00	.66045	1.94	2.97	180	
5	-12	-2	1	2.85	1.36	1.36	0.00	.63513	1.49	3.47	0	
5	-12	-1	1	3.07	3.80	3.80	0.00	.61670	-.74	-.70	0	
5	-12	0	1	8.58	8.53	8.53	0.00	.60579	.05	.21	0	
5	-12	1	1	b.98	7.21	-7.21	0.00	.60280	-.23	-.97	180	
5	-12	2	1	1.51	.96	-.96	0.00	.60785	.36	.36	180	
5	-12	3	1	5.31	5.27	-5.27	0.00	.62075	.04	.13	180	
5	-12	4	1	3.95	4.59	-4.59	0.00	.64101	-.63	-1.73	180	
5	-12	5	1	5.56	5.37	5.37	0.00	.66798	.19	.66	180	
5	-12	6	1	3.80	2.22	-2.22	0.00	.70088	1.58	4.21	180	
5	-12	7	1	6.81	7.03	-7.03	0.00	.73891	-.22	-.75	180	
5	-11	-6	1	2.62	.94	-.94	0.00	.72901	1.67	2.94	180	
5	-11	-5	1	2.09	2.66	2.66	0.00	.68663	-.57	-.81	0	
5	-11	-4	1	4.60	4.54	4.54	0.00	.64899	.06	.19	0	
5	-11	-3	1	6.85	6.78	6.78	0.00	.61697	.06	.28	0	
5	-11	-2	1	6.76	6.75	-6.75	0.00	.59147	.02	.11	180	
5	-11	-1	1	3.28	2.79	-2.79	0.00	.57337	.48	1.32	0	
5	-11	0	1	3.19	3.68	-3.68	0.00	.56339	-.49	-1.32	180	
5	-11	1	1	3.79	3.89	3.89	0.00	.56194	-.10	-.29	0	
5	-11	2	1	3.13	3.62	3.62	0.00	.56910	-.49	-1.27	0	
5	-11	3	1	15.49	15.78	15.78	0.00	.58456	-.29	-1.59	0	
5	-11	4	1	6.38	6.55	-6.55	0.00	.60767	-.17	-.67	180	
5	-11	5	1	4.32	5.13	-5.13	0.00	.63762	-.81	-2.31	180	
5	-11	6	1	3.89	3.74	-3.74	0.00	.67347	.15	.41	180	
5	-11	7	1	11.28	10.74	10.74	0.00	.71436	.54	2.35	0	
5	-10	-7	1	5.25	4.59	4.59	0.00	.73659	.66	1.91	0	
5	-10	-6	1	6.58	6.87	6.87	0.00	.68908	-.30	-1.01	0	
5	-10	-5	1	10.50	10.09	-10.09	0.00	.64562	.41	1.98	180	
5	-10	-4	1	8.55	8.99	-8.99	0.00	.60708	-.44	-2.07	180	
5	-10	-3	1	7.27	6.98	-6.98	0.00	.57445	.29	1.38	180	
5	-10	-2	1	4.43	4.93	-4.93	0.00	.54879	-.50	-1.71	180	
5	-10	-1	1	1.17	.23	-.23	0.00	.53110	.94	1.12	180	
5	-10	0	1	1.18	.21	.21	0.00	.52221	.97	1.15	0	
5	-10	1	1	10.27	10.97	10.97	0.00	.52255	-.70	-3.83	0	
5	-10	2	1	3.22	3.77	3.77	0.00	.53212	-.55	-1.49	0	
5	-10	3	1	1.86	2.67	-2.67	0.00	.55043	-.80	-1.33	180	
5	-10	4	1	7.46	7.44	7.44	0.00	.57664	-.02	.08	0	
5	-10	5	1	13.75	13.79	-13.79	0.00	.60974	-.03	-.17	180	
5	-10	6	1	9.89	9.29	-9.29	0.00	.64868	.59	2.75	180	
5	-10	7	1	3.65	4.22	4.22	0.00	.69247	-.57	-1.37	0	
5	-10	8	1	7.80	7.89	7.89	0.00	.74025	-.08	-.31	0	
5	-9	-8	1	2.87	2.78	2.78	0.00	.75121	.10	.17	0	
5	-9	-7	1	1.38	.01	.01	0.00	.69917	1.37	1.39	0	
5	-9	-6	1	4.40	4.67	4.67	0.00	.65045	-.27	-.80	0	
5	-9	-5	1	10.38	9.66	-9.66	0.00	.66586	.72	3.55	180	
5	-9	-4	1	1.24	.57	.57	0.00	.5637	.67	.76	0	
5	-9	-3	1	2.31	2.29	-2.29	0.00	.53311	.02	.03	180	
5	-9	-2	1	2.37	2.79	-2.79	0.00	.50732	-.42	-.98	180	

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
5	-9	-1	1	23.56	23.82	23.82	0.00	.49016	-.26	-1.38	0	
5	-9	0	1	6.93	7.03	7.03	0.00	.48258	-.10	-.51	0	
5	-9	1	1	3.26	2.62	2.62	0.00	.48500	.64	2.06	0	
5	-9	2	1	8.64	8.68	-8.68	0.00	.49730	-.04	-.22	180	
5	-9	3	1	17.84	18.47	-18.47	0.00	.51875	-.63	-3.97	180	
5	-9	4	1	17.48	17.99	-17.99	0.00	.54830	-.51	-3.11	180	
5	-9	5	1	2.12	1.02	1.02	0.00	.58472	1.10	2.00	0	
5	-9	6	1	8.30	8.03	8.03	0.00	.62680	.26	1.14	0	
5	-9	7	1	1.36	.21	.21	0.00	.67350	1.15	1.19	0	
5	-9	8	1	6.23	5.87	5.87	0.00	.72391	.36	1.16	0	
5	-8	-8	1	1.40	.50	-.50	0.00	.71657	.91	.91	180	
5	-8	-7	1	6.41	5.97	-5.97	0.00	.66331	.44	1.64	180	
5	-8	-6	1	7.50	7.22	-7.22	0.00	.61337	.28	1.22	180	
5	-8	-5	1	5.29	4.92	4.92	0.00	.56762	.37	1.48	0	
5	-8	-4	1	4.98	4.89	-4.89	0.00	.52714	.09	.35	180	
5	-8	-3	1	25.76	26.21	26.21	0.00	.49326	-.45	-2.17	0	
5	-8	-2	1	8.80	8.83	8.83	0.00	.46739	-.03	-.16	180	
5	-8	-1	1	6.37	6.78	-6.78	0.00	.45092	-.41	-2.05	180	
5	-8	0	1	6.90	6.74	-6.74	0.00	.44490	.16	.88	180	
5	-8	1	1	30.73	32.01	32.01	0.00	.44974	-1.28	-4.70	0	
5	-8	2	1	26.08	26.86	-26.86	0.00	.46511	-.78	-3.55	180	
5	-8	3	1	6.47	6.58	6.58	0.00	.49002	-.11	-.54	0	
5	-8	4	1	7.01	7.63	7.63	0.00	.52310	-.62	-2.95	0	
5	-8	5	1	3.18	3.00	3.00	0.00	.56293	.18	.49	0	
5	-8	6	1	6.32	6.44	6.44	0.00	.60816	-.12	-.45	0	
5	-8	7	1	4.02	3.31	3.31	0.00	.65769	.71	1.97	0	
5	-8	8	1	8.17	7.61	-7.61	0.00	.71063	.55	2.22	180	
5	-7	-9	1	1.45	.63	-.63	0.00	.74078	.82	.79	180	
5	-7	-8	1	3.27	2.20	-2.20	0.00	.68375	1.07	2.49	180	
5	-7	-7	1	6.01	6.06	-6.06	0.00	.62930	-.05	-.19	180	
5	-7	-6	1	6.34	5.73	-5.73	0.00	.57813	.61	2.61	180	
5	-7	-5	1	2.87	2.44	-2.44	0.00	.53121	.43	1.11	180	
5	-7	-4	1	7.31	6.99	-6.99	0.00	.48976	.32	1.67	180	
5	-7	-3	1	12.98	13.42	-13.42	0.00	.45528	-.44	-2.88	180	
5	-7	-2	1	5.43	5.66	5.66	0.00	.42943	-.23	-1.09	0	
5	-7	-1	1	2.18	2.24	2.24	0.00	.41385	-.06	-.15	0	
5	-7	0	1	6.29	6.21	-6.21	0.00	.40972	.08	.43	180	
5	-7	1	1	3.25	3.62	3.62	0.00	.41736	-.37	-1.29	0	
5	-7	2	1	17.38	17.45	17.45	0.00	.43616	-.07	-.47	0	
5	-7	3	1	5.97	6.21	6.21	0.00	.46477	-.23	-1.13	0	
5	-7	4	1	4.89	4.63	4.63	0.00	.50152	.27	1.06	0	
5	-7	5	1	9.47	10.01	10.01	0.00	.54475	-.54	-2.83	0	
5	-7	6	1	1.33	.73	.73	0.00	.59305	.60	.65	0	
5	-7	7	1	11.61	11.46	-11.46	0.00	.64529	.15	.73	180	
5	-7	8	1	1.44	.45	.45	0.00	.70058	.99	.96	0	
5	-6	-9	1	1.41	.48	.48	0.00	.71111	.93	.92	0	
5	-6	-8	1	8.36	7.87	-7.87	0.00	.65302	.49	2.16	180	
5	-6	-7	1	9.60	9.59	9.59	0.00	.59743	.01	.07	0	
5	-6	-6	1	7.23	7.45	7.45	0.00	.54509	-.22	-1.08	0	
5	-6	-5	1	2.32	2.43	2.43	0.00	.49706	-.11	-.26	0	
5	-6	-4	1	8.71	8.84	-8.84	0.00	.45468	-.13	-.75	180	
5	-6	-3	1	7.72	8.33	-8.33	0.00	.41967	-.61	-3.63	180	
5	-6	-2	1	38.06	39.03	-39.03	0.00	.39402	-.96	-3.18	180	

H	K	L	GRP	FU	FC	A	B	SINH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
5	-6	-1	1	4.50	4.29	4.29	0.00	.37961	.21	1.02	0	
5	-6	0	1	8.96	9.51	9.51	0.00	.37773	-.52	-3.46	0	
5	-6	1	1	18.12	18.76	-18.76	0.00	.38857	-.64	-4.32	180	
5	-6	2	1	4.14	4.97	4.97	0.00	.41112	-.83	-3.46	0	
5	-6	3	1	1.12	.71	.71	0.00	.44360	.41	.51	0	
5	-6	4	1	11.52	11.96	-11.96	0.00	.48402	-.44	-2.69	180	
5	-6	5	1	12.18	12.85	12.85	0.00	.53056	-.67	-3.99	0	
5	-6	6	1	2.39	2.69	2.69	0.00	.58176	-.30	-.61	0	
5	-6	7	1	7.20	6.77	-6.77	0.00	.63649	.43	1.76	180	
5	-6	8	1	6.93	7.46	7.46	0.00	.69392	-.53	-1.95	0	
5	-6	9	1	2.29	1.54	1.54	0.00	.75343	.75	1.10	0	
5	-5	-10	1	3.63	2.46	-2.46	0.00	.74463	1.17	2.67	180	
5	-5	-9	1	7.14	7.61	7.61	0.00	.68373	-.47	-1.75	0	
5	-5	-8	1	13.83	14.07	14.07	0.00	.62468	-.24	-1.24	0	
5	-5	-7	1	11.65	11.52	11.52	0.00	.56807	.14	.73	0	
5	-5	-6	1	6.64	7.21	-7.21	0.00	.51468	-.37	-1.74	180	
5	-5	-5	1	29.05	30.11	30.11	0.00	.46564	-1.05	-4.32	0	
5	-5	-4	1	24.21	24.94	-24.94	0.00	.42246	-.73	-3.56	180	
5	-5	-3	1	11.95	12.20	-12.20	0.00	.38711	-.25	-1.82	180	
5	-5	-2	1	6.97	7.00	7.00	0.00	.36189	-.03	-.19	0	
5	-5	-1	1	13.71	14.17	14.17	0.00	.34900	-.46	-3.65	0	
5	-5	0	1	15.91	16.02	-16.02	0.00	.34981	-.12	-.86	180	
5	-5	1	1	1.37	2.14	2.14	0.00	.36423	-.77	-1.39	0	
5	-5	2	1	3.39	1.02	-1.02	0.00	.39075	2.37	.98	180	
5	-5	3	1	15.57	16.15	-16.15	0.00	.42712	-.58	-4.20	180	
5	-5	4	1	10.76	11.40	11.40	0.00	.47107	-.64	-3.95	0	
5	-5	5	1	9.11	9.88	-9.88	0.00	.52069	-.77	-4.17	180	
5	-5	6	1	3.70	3.18	3.18	0.00	.57450	.52	1.53	0	
5	-5	7	1	8.59	8.30	8.30	0.00	.63144	.30	1.33	0	
5	-5	8	1	1.71	.76	-.76	0.00	.69073	.95	1.25	180	
5	-5	9	1	1.52	1.31	-1.31	0.00	.75181	.21	.20	180	
5	-4	-10	1	2.60	1.44	-1.44	0.00	.72054	1.16	2.04	180	
5	-4	-9	1	8.34	8.68	-8.68	0.00	.65892	-.34	-1.41	180	
5	-4	-8	1	10.11	9.87	9.87	0.00	.59909	.25	1.21	0	
5	-4	-7	1	2.66	2.44	2.44	0.00	.54163	.22	.53	0	
5	-4	-6	1	11.62	11.74	-11.74	0.00	.48738	-.12	-.73	180	
5	-4	-5	1	14.27	14.08	-14.08	0.00	.43756	.19	1.30	180	
5	-4	-4	1	1.09	.68	-.68	0.00	.39382	.41	.53	180	
5	-4	-3	1	22.09	22.50	22.50	0.00	.35842	-.41	-2.20	0	
5	-4	-2	1	23.34	24.34	24.34	0.00	.33400	-1.00	-5.11	0	
5	-4	-1	1	32.04	33.13	33.13	0.00	.32308	-1.09	-4.03	0	
5	-4	0	1	10.70	11.19	11.19	0.00	.32701	-.49	-3.80	0	
5	-4	1	1	30.75	30.88	-30.88	0.00	.34527	-.13	-.47	180	
5	-4	2	1	21.31	22.97	-22.97	0.00	.37580	-1.66	-8.64	180	
5	-4	3	1	16.92	17.44	-17.44	0.00	.41588	-.52	-3.62	180	
5	-4	4	1	9.07	9.15	9.15	0.00	.46306	-.08	-.44	0	
5	-4	5	1	1.20	1.71	1.71	0.00	.51538	-.51	-.60	0	
5	-4	6	1	13.92	13.96	13.96	0.00	.57143	-.04	-.23	0	
5	-4	7	1	8.83	8.52	8.52	0.00	.63023	.31	1.43	0	
5	-4	8	1	2.44	2.14	-2.14	0.00	.69106	.30	.51	180	
5	-4	9	1	4.12	3.43	3.43	0.00	.75344	.69	1.70	0	
5	-3	-10	1	4.02	2.90	-2.90	0.00	.65911	1.11	2.85	180	
5	-3	-9	1	1.34	1.64	1.64	0.00	.63698	-.30	-.31	0	

H	K	L	GKP	FL	FC	A	B	SINTH/LM	GF	W*DF	ANGLE CALC	ANGLE STAT
5	-3	-8	1	15.26	14.49	-14.49	0.00	.57659	.77	4.33	180	
5	-3	-7	1	9.85	9.11	-9.11	0.00	.51855	.74	4.18	180	
5	-3	-0	1	2.80	2.07	-2.07	0.00	.46375	.73	2.02	180	
5	-3	-5	1	7.46	7.71	-7.71	0.00	.41348	-.25	-1.45	180	
5	-3	-4	1	7.88	8.36	8.36	0.00	.36958	-.48	-3.05	0	
5	-3	-3	1	37.31	37.47	37.47	0.00	.33458	-.16	-.59	0	
5	-3	-2	1	7.25	7.45	-7.45	0.00	.31150	-.20	-1.41	180	
5	-3	-1	1	3.47	4.05	-4.05	0.00	.30305	-.58	-2.58	180	
5	-3	0	1	17.79	18.90	-18.90	0.00	.31045	-1.11	-7.56	180	
5	-3	1	1	32.62	33.88	-33.88	0.00	.33263	-1.26	-4.60	180	
5	-3	2	1	3.00	2.20	-2.20	0.00	.36693	.79	2.94	180	
5	-3	3	1	8.97	9.13	9.13	0.00	.41032	-.16	-1.02	0	
5	-3	4	1	3.06	3.61	3.61	0.00	.46023	-.55	-1.52	0	
5	-3	5	1	7.23	7.67	-7.67	0.00	.51478	-.44	-2.17	180	
5	-3	6	1	12.06	12.61	-12.61	0.00	.57263	-.55	-2.91	0	
5	-3	7	1	1.46	3.39	-3.39	0.00	.63288	-1.94	-1.86	180	
5	-3	8	1	4.37	3.35	-3.35	0.00	.69491	1.02	2.69	180	
5	-2	-11	1	8.54	8.13	8.13	0.00	.74429	.41	1.53	0	
5	-2	-10	1	1.42	2.07	-2.07	0.00	.68060	-.65	-.64	180	
5	-2	-9	1	4.83	3.69	3.69	0.00	.61821	1.14	3.69	0	
5	-2	-6	1	3.03	1.78	-1.78	0.00	.55757	1.24	3.21	180	
5	-2	-7	1	9.03	9.45	9.45	0.00	.49931	-.42	-2.35	0	
5	-2	-5	1	5.06	5.25	-5.25	0.00	.44438	-.19	-.85	0	
5	-2	-6	1	6.73	7.35	-7.35	0.00	.39415	-.63	-3.54	180	
5	-2	-4	1	15.91	16.36	16.36	0.00	.35067	-.45	-3.31	0	
5	-2	-3	1	4.45	4.22	4.22	0.00	.31672	.22	1.23	0	
5	-2	-2	1	3.27	2.50	-2.50	0.00	.29560	.77	3.68	0	
5	-2	-1	1	24.84	25.66	-25.66	0.00	.29013	-.82	-3.95	180	
5	-2	0	1	5.04	4.88	4.88	0.00	.30117	.17	1.03	0	
5	-2	1	1	5.54	6.09	6.09	0.00	.32704	-.54	-3.36	0	
5	-2	2	1	14.54	14.92	14.92	0.00	.36460	.02	.18	0	
5	-2	3	1	2.71	2.73	-2.73	0.00	.41066	-.03	-.08	180	
5	-2	4	1	13.08	13.91	-13.91	0.00	.46269	-.83	-5.35	0	
5	-2	5	1	18.24	19.33	-19.33	0.00	.51889	-1.09	-6.83	180	
5	-2	6	1	13.75	14.02	-14.02	0.00	.57805	-.27	-1.53	180	
5	-2	7	1	14.22	13.62	-13.62	0.00	.63935	.60	3.14	180	
5	-2	8	1	6.60	6.17	6.17	0.00	.70222	.43	1.47	0	
5	-1	-11	1	8.88	8.59	-8.59	0.00	.72691	.28	1.06	180	
5	-1	-10	1	2.01	1.83	1.83	0.00	.66524	.18	.26	0	
5	-1	-9	1	4.29	4.60	4.60	0.00	.60291	-.30	-.91	0	
5	-1	-8	1	1.26	3.27	-3.27	0.00	.54240	-2.01	-2.24	180	
5	-1	-7	1	5.24	5.43	5.43	0.00	.48436	-.19	-.81	0	
5	-1	-6	1	6.19	5.80	5.80	0.00	.42983	.40	2.10	0	
5	-1	-5	1	5.23	5.87	5.87	0.00	.38029	-.64	-3.42	0	
5	-1	-4	1	3.01	1.85	1.85	0.00	.33797	1.16	4.64	0	
5	-1	-3	1	4.57	5.14	-5.14	0.00	.30586	-.57	-3.21	180	
5	-1	-2	1	17.26	17.52	17.52	0.00	.28741	-.26	-1.74	0	
5	-1	-1	1	1.28	.79	.79	0.00	.28529	.49	1.01	0	
5	-1	0	1	23.42	24.78	24.78	0.00	.22984	-1.36	-6.36	0	
5	-1	1	1	17.96	18.82	18.82	0.00	.32885	-.86	-5.28	0	
5	-1	2	1	7.80	8.18	-8.18	0.00	.36893	-.38	-2.47	180	
5	-1	3	1	4.35	3.75	-3.75	0.00	.41690	.60	2.70	180	
5	-1	4	1	8.20	8.73	-8.73	0.00	.47035	-.54	-2.96	180	

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
5	-1	5	1	9.05	9.66	9.68	C.00	.52762	-.62	-3.36	0	
5	-1	6	1	3.01	2.61	2.61	C.00	.58759	.41	1.00	0	
5	-1	7	1	3.86	3.73	3.73	C.00	.64952	.14	.35	0	
5	-1	8	1	7.59	7.27	-7.27	C.00	.71289	.32	1.23	180	
5	0	9	1	6.99	6.23	-6.23	C.00	.71662	.76	2.69	180	
5	0	10	1	2.66	3.06	3.06	C.00	.65327	-.40	-.75	0	
5	0	11	1	3.79	4.77	4.77	C.00	.59136	-.99	-1.75	0	
5	0	12	1	5.32	5.27	-5.27	C.00	.53139	.05	.21	180	
5	0	13	1	1.14	.63	.63	C.00	.47411	.51	.65	0	
5	0	14	1	18.22	18.82	-18.82	C.00	.42061	-.60	-3.63	180	
5	0	15	1	6.24	6.29	-6.29	C.00	.37252	-.05	-.30	180	
5	0	16	1	6.00	6.11	6.11	C.00	.33220	-.11	-.71	180	
5	0	17	1	8.96	9.11	-9.11	C.00	.30277	-.15	-1.22	180	
5	0	18	1	7.56	8.00	8.00	C.00	.28759	-.44	-3.37	0	
5	0	19	1	15.75	15.53	-15.53	C.00	.28893	.22	1.65	180	
5	0	20	1	13.14	13.27	13.27	C.00	.30656	-.13	-1.12	0	
5	0	21	1	3.15	3.12	3.12	C.00	.33794	.03	.10	0	
5	0	22	1	1.97	10.00	10.00	C.00	.37969	-8.04	-5.72	0	
5	0	23	1	22.72	22.68	-22.68	C.00	.42877	.03	.17	180	
5	0	24	1	2.85	3.06	3.06	C.00	.48296	-.21	-.59	0	
5	0	25	1	13.05	13.21	13.21	C.00	.54073	-.16	-.92	0	
5	0	26	1	3.83	2.81	-2.81	C.00	.60105	1.02	3.03	180	
5	0	27	1	4.32	4.94	4.94	C.00	.66322	-.62	-1.65	0	
5	0	28	1	5.21	6.44	6.44	C.00	.72676	-1.23	-3.26	0	
5	0	29	1	4.13	4.36	4.36	C.00	.70756	-.23	-.56	0	
5	0	30	1	7.23	6.20	6.20	C.00	.64486	1.02	4.24	0	
5	0	31	1	2.38	2.87	2.87	C.00	.55376	-.50	-.91	0	
5	0	32	1	1.49	2.27	2.27	C.00	.52482	1.22	1.85	0	
5	0	33	1	24.63	24.82	-24.82	C.00	.46886	-.19	-.94	180	
5	0	34	1	7.38	7.26	-7.26	C.00	.41707	.12	.66	180	
5	0	35	1	3.56	3.41	-3.41	C.00	.37120	.15	.62	180	
5	0	36	1	15.26	15.83	-15.83	C.00	.33371	-.56	-4.11	180	
5	0	37	1	3.25	2.87	2.87	C.00	.30768	.38	1.70	0	
5	0	38	1	51.79	53.01	53.01	C.00	.29613	-.38	-3.38	0	
5	0	39	1	6.32	5.70	-5.70	C.00	.30075	-.62	-4.46	180	
5	0	40	1	2.02	1.05	-1.05	C.00	.32084	.97	2.89	180	
5	0	41	1	39.51	41.36	-41.36	C.00	.35376	-.97	-4.67	180	
5	0	42	1	1.09	2.43	2.43	C.00	.39635	-1.34	-1.71	180	
5	0	43	1	1.34	1.57	1.57	C.00	.44583	-.22	-.32	0	
5	0	44	1	5.60	5.46	5.46	C.00	.50016	.13	.62	0	
5	0	45	1	1.82	.01	-.01	C.00	.55793	1.82	3.05	180	
5	0	46	1	3.35	2.60	-2.60	C.00	.61817	.75	2.03	180	
5	0	47	1	7.14	6.98	-6.98	C.00	.68023	.16	.62	180	
5	0	48	1	7.62	7.64	-7.64	C.00	.74366	-.01	-.04	180	
5	0	49	1	11.43	11.34	11.34	C.00	.70187	.09	.38	0	
5	0	50	1	3.54	1.39	-1.39	C.00	.64017	2.15	6.29	180	
5	0	51	1	5.92	6.02	-6.02	C.00	.58029	-.10	-.44	180	
5	0	52	1	4.35	4.63	-4.63	C.00	.52286	-.29	-1.02	180	
5	0	53	1	8.46	8.23	-8.23	C.00	.46878	.22	1.33	180	
5	0	54	1	9.59	9.99	9.99	C.00	.41936	-.40	-2.64	0	
5	0	55	1	28.29	28.85	28.85	C.00	.37642	-.56	-2.33	0	
5	0	56	1	6.72	7.11	-7.11	C.00	.34242	-.39	-2.59	180	
5	0	57	1	11.26	11.84	11.84	C.00	.32022	-.58	-4.81	0	

H	K	L	GR	FL	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
5	2	-2	1	12.88	12.80	-12.80	0.00	.31234	.09	.74	180	
5	2	-1	1	3.70	4.47	-4.47	0.00	.31984	-.77	-3.74	180	
5	2	0	1	3.30	3.42	-3.42	0.00	.34172	-.11	-.46	180	
5	2	1	1	4.85	5.07	5.07	0.00	.37546	-.22	-1.18	0	
5	2	2	1	8.71	9.35	-9.35	0.00	.41821	-.63	-3.94	180	
5	2	3	1	25.04	26.24	26.24	0.00	.46750	-1.20	-6.00	0	
5	2	4	1	16.05	17.06	17.06	0.00	.52148	-.51	-3.16	0	
5	2	5	1	5.01	6.38	6.38	0.00	.57884	-1.37	-4.76	0	
5	2	6	1	9.75	9.96	-9.96	0.00	.63866	-.20	-.95	180	
5	2	7	1	2.54	2.00	-2.00	0.00	.70033	.54	.88	180	
5	2	-11	1	6.50	6.22	-6.22	0.00	.69963	.28	1.00	180	
5	3	-10	1	1.31	.41	-.41	0.00	.63927	.90	.96	180	
5	3	-9	1	1.60	.93	.93	0.00	.58101	.67	.93	0	
5	3	-8	1	1.70	.19	-.19	0.00	.52555	1.51	2.48	180	
5	3	-7	1	6.41	6.19	6.19	0.00	.47388	.22	1.10	0	
5	3	-6	1	8.85	8.70	8.70	0.00	.42738	.15	.92	0	
5	3	-5	1	10.54	10.81	-10.81	0.00	.38791	-.27	-1.94	180	
5	3	-4	1	22.69	23.55	23.55	0.00	.35779	-.86	-4.17	0	
5	3	-3	1	32.76	34.36	-34.36	0.00	.33954	-1.60	-5.82	180	
5	3	-2	1	35.23	35.53	-35.53	0.00	.33510	-.30	-1.09	180	
5	3	-1	1	6.33	6.20	6.20	0.00	.34500	.13	.83	0	
5	3	0	1	13.89	14.29	-14.29	0.00	.36808	-.40	-3.14	180	
5	3	1	1	1.06	1.12	-1.12	0.00	.40208	-.05	-.07	180	
5	3	2	1	47.72	49.73	49.73	0.00	.44450	-2.02	-4.33	0	
5	3	3	1	7.94	8.02	8.02	0.00	.45316	-.03	-.44	180	
5	3	4	1	10.98	10.90	-10.90	0.00	.54644	.08	.44	0	
5	3	5	1	4.13	4.11	4.11	0.00	.60307	.01	.04	0	
5	3	6	1	1.32	1.55	1.55	0.00	.66221	-.23	-.25	0	
5	3	7	1	1.42	1.39	-1.39	0.00	.72324	.03	.03	180	
5	3	-11	1	2.62	.79	.79	0.00	.70087	1.83	3.42	0	
5	4	-10	1	7.48	7.60	-7.60	0.00	.64217	-.12	-.52	180	
5	4	-9	1	3.24	3.53	-3.53	0.00	.58590	-.29	-.75	180	
5	4	-8	1	16.12	16.92	16.92	0.00	.53282	-.80	-4.91	0	
5	4	-7	1	10.93	11.42	11.42	0.00	.48399	-.49	-2.95	0	
5	4	-6	1	2.51	1.75	-1.75	0.00	.44082	.76	2.11	180	
5	4	-5	1	23.23	24.50	-24.50	0.00	.40513	-1.27	-6.33	180	
5	4	-4	1	7.16	6.77	6.77	0.00	.37903	.39	2.53	180	
5	4	-3	1	2.87	2.26	-2.26	0.00	.36458	.61	2.22	180	
5	4	-2	1	2.57	2.37	2.37	0.00	.36319	.19	.66	0	
5	4	-1	1	14.95	15.01	-15.01	0.00	.37500	-.06	-.44	180	
5	4	0	1	8.91	8.96	-8.96	0.00	.35884	-.05	-.35	180	
5	4	1	1	7.57	8.32	8.32	0.00	.43272	-.74	-4.34	180	
5	4	2	1	21.81	22.09	-22.09	0.00	.47450	-.28	-1.57	180	
5	4	3	1	5.24	4.93	4.93	0.00	.52228	.30	1.28	0	
5	4	4	1	1.29	2.26	-2.26	0.00	.57457	-.97	-1.05	180	
5	4	5	1	7.54	7.32	-7.32	0.00	.63025	.22	.95	180	
5	4	6	1	4.42	3.34	-3.34	0.00	.68850	1.08	3.11	0	
5	4	7	1	11.90	12.10	12.10	0.00	.74872	-.20	-.83	0	
5	5	-11	1	11.12	11.05	11.05	0.00	.70558	.07	.31	0	
5	5	-10	1	3.29	2.47	-2.47	0.00	.64884	.82	2.08	180	
5	5	-9	1	6.74	6.80	6.80	0.00	.59487	-.06	-.26	0	
5	5	-8	1	4.86	4.88	-4.88	0.00	.54449	-.02	-.07	180	
5	5	-7	1	4.56	4.43	4.43	0.00	.49881	.12	.48	0	

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
5	5	-0	1	4.92	4.90	-4.90	0.00	.45921	.03	.12	180
5	5	-5	1	27.65	28.30	28.30	0.00	.42739	-.65	-2.84	180
5	5	-4	1	1.06	.61	.61	0.00	.40519	.45	.59	0
5	5	-3	1	6.37	6.44	6.44	0.00	.39424	-.07	-.40	0
5	5	-2	1	16.63	17.46	17.46	0.00	.39548	-.83	-5.97	0
5	5	-1	1	3.15	3.46	-3.46	0.00	.40879	-.31	-1.04	180
5	5	0	1	16.03	16.35	-16.35	0.00	.43305	-.32	-2.23	180
5	5	1	1	9.04	9.85	9.85	0.00	.46658	-.81	-4.86	0
5	5	2	1	24.28	24.79	-24.79	0.00	.50753	-.50	-2.34	180
5	5	3	1	3.61	2.75	-2.75	0.00	.55426	.85	2.73	180
5	5	4	1	1.91	2.23	-2.23	0.00	.60543	-.33	-.55	180
5	5	5	1	1.35	1.14	1.14	0.00	.66001	.21	.22	0
5	5	6	1	1.39	1.46	-1.46	0.00	.71723	-.08	-.08	180
5	5	5	1	4.67	3.47	-3.47	0.00	.71367	1.20	3.67	180
5	5	-11	1	9.86	9.25	9.25	0.00	.65914	.62	2.60	0
5	5	-9	1	1.32	1.46	-1.46	0.00	.60773	-.13	-.14	180
5	5	-8	1	16.03	16.62	-16.62	0.00	.56029	-.58	-3.41	180
5	5	-7	1	10.16	9.65	-9.65	0.00	.51793	.51	2.91	180
5	5	-6	1	2.90	3.78	-3.78	0.00	.48197	-.88	-2.52	180
5	5	-5	1	5.36	5.55	-5.55	0.00	.45395	-.19	-.91	180
5	5	-4	1	35.41	37.00	37.00	0.00	.43541	-1.59	-4.88	0
5	5	-3	1	19.23	20.27	20.27	0.00	.42757	-1.04	-6.50	0
5	5	-2	1	9.75	10.17	-10.17	0.00	.43102	-.41	-2.62	180
5	5	-1	1	7.91	8.23	-8.23	0.00	.44550	-.32	-1.88	180
5	5	0	1	17.23	18.13	18.13	0.00	.46998	-.89	-5.81	0
5	5	1	1	1.58	2.09	-2.09	0.00	.50302	-.51	-.80	180
5	5	2	1	4.10	4.57	4.57	0.00	.54305	-.47	-1.55	0
5	5	3	1	5.93	6.89	6.89	0.00	.58865	.04	.17	0
5	5	4	1	5.20	5.60	-5.60	0.00	.63862	-.41	-1.32	180
5	5	5	1	3.81	3.21	3.21	0.00	.69202	.61	1.64	0
5	5	6	1	5.83	5.46	-5.46	0.00	.74812	.37	1.18	180
5	5	7	1	6.96	7.18	-7.18	0.00	.72505	-.21	-.74	180
5	5	-11	1	5.50	4.55	-4.55	0.00	.67292	.95	3.39	180
5	5	-9	1	3.45	4.01	-4.01	0.00	.62424	-.56	-1.41	180
5	5	-8	1	8.50	9.00	-9.00	0.00	.57988	-.50	-2.37	180
5	5	-7	1	6.05	5.98	-5.98	0.00	.54089	.07	.32	180
5	5	-6	1	10.63	10.76	10.76	0.00	.50853	-.13	-.74	0
5	5	-5	1	9.61	9.29	9.29	0.00	.48411	.31	1.90	0
5	5	-4	1	14.17	14.80	-14.80	0.00	.46889	-.63	-4.15	180
5	5	-3	1	1.10	1.11	-1.11	0.00	.46377	-.01	-.01	180
5	5	-2	1	4.46	4.89	-4.89	0.00	.46907	-.43	-1.78	180
5	5	-1	1	14.32	14.84	-14.84	0.00	.48446	-.51	-3.34	180
5	5	0	1	3.91	3.96	-3.96	0.00	.50903	-.05	-.18	180
5	5	1	1	10.17	9.88	9.88	0.00	.54152	.29	1.59	0
5	5	2	1	6.49	6.84	6.84	0.00	.58061	-.34	-1.45	0
5	5	3	1	4.36	4.21	4.21	0.00	.62505	.15	.49	0
5	5	4	1	1.40	1.73	1.73	0.00	.67380	-.33	-.33	0
5	5	5	1	1.54	1.83	1.83	0.00	.72599	-.29	-.32	0
5	5	-11	1	8.96	9.20	-9.20	0.00	.73956	-.24	-.85	0
5	5	-10	1	4.19	4.18	-4.18	0.00	.68997	.01	.03	180
5	5	-9	1	2.30	2.58	-2.58	0.00	.64413	-.28	-.47	180
5	5	-8	1	4.45	4.32	4.32	0.00	.60288	.13	.43	0
5	5	-7	1	11.94	11.91	11.91	0.00	.56724	.03	.17	0

ANGLE  
STAT



H	K	L	GNP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
5	8	-6	1	7.09	6.93	6.93	0.00	.53831	.16	.77	0	
5	8	-5	1	7.86	8.02	6.02	0.00	.51724	-.16	-.86	0	
5	8	-4	1	14.85	15.05	-15.05	0.00	.50499	-.21	-1.30	180	
5	8	-3	1	16.54	16.70	-16.70	0.00	.50221	-.16	-1.05	180	
5	8	-2	1	10.83	11.89	-11.89	0.00	.50907	-1.06	-6.12	180	
5	8	-1	1	5.80	6.06	6.06	0.00	.52518	-.26	-1.16	0	
5	8	0	1	5.61	5.54	5.54	0.00	.54974	.08	.32	0	
5	8	1	1	5.75	5.68	5.68	0.00	.58166	.07	.30	0	
5	8	2	1	5.16	3.77	3.77	0.00	.61982	1.39	5.15	0	
5	8	3	1	8.18	8.27	-8.27	0.00	.66314	-.08	-1.35	180	
5	8	4	1	2.08	1.99	-1.99	0.00	.71067	.09	.12	180	
5	9	-10	1	7.62	7.11	7.11	0.00	.71005	.51	2.01	0	
5	9	-9	1	4.08	3.34	3.34	0.00	.66708	.74	2.14	0	
5	9	-8	1	2.51	2.24	2.24	0.00	.62893	.27	.54	0	
5	9	-7	1	5.41	5.43	-5.43	0.00	.59652	-.02	-.08	180	
5	9	-6	1	8.57	5.14	8.14	0.00	.57083	.43	2.19	0	
5	9	-5	1	4.92	5.56	-5.56	0.00	.55279	-.64	-2.35	180	
5	9	-4	1	1.23	1.68	1.68	0.00	.54318	-.45	-.51	0	
5	9	-3	1	1.76	2.41	2.41	0.00	.54244	-.65	-1.04	0	
5	9	-2	1	10.59	10.45	10.45	0.00	.55060	.14	.76	0	
5	9	-1	1	15.96	16.01	16.01	0.00	.56728	-.05	-.29	0	
5	9	0	1	2.76	3.39	-3.39	0.00	.59177	-.63	-1.36	180	
5	9	1	1	1.62	.05	-.05	0.00	.62313	1.57	2.10	180	
5	9	2	1	4.57	.67	-.67	0.00	.66040	.68	.70	0	
5	9	3	1	3.89	3.89	-3.89	0.00	.70263	.68	1.94	180	
5	9	4	1	3.76	4.23	-4.23	0.00	.74899	-.48	-1.05	180	
5	10	-10	1	10.72	10.56	-10.56	0.00	.73291	.17	.69	180	
5	10	-9	1	5.02	4.42	-4.42	0.00	.69280	.60	1.77	180	
5	10	-8	1	5.07	4.09	4.09	0.00	.65766	.98	3.19	0	
5	10	-7	1	6.67	6.76	-6.76	0.00	.62832	-.09	-.38	180	
5	10	-6	1	6.64	7.34	-7.34	0.00	.60562	-.70	-2.74	180	
5	10	-5	1	2.12	1.88	-1.88	0.00	.59034	.24	.48	180	
5	10	-4	1	3.96	4.85	4.85	0.00	.58306	-.89	-2.65	0	
5	10	-3	1	2.82	3.06	-3.06	0.00	.58407	-.24	-.56	180	
5	10	-2	1	4.14	3.87	3.87	0.00	.55333	.28	.69	0	
5	10	-1	1	4.42	3.35	3.35	0.00	.61048	1.07	3.70	0	
5	10	0	1	3.55	3.44	-3.44	0.00	.63486	.11	.28	180	
5	10	1	1	1.67	2.83	2.83	0.00	.66569	-1.17	-1.30	0	
5	10	2	1	1.58	.50	.50	0.00	.70211	1.08	1.18	0	
5	10	3	1	2.33	3.94	3.94	0.00	.74331	-1.61	-2.21	0	
5	11	-9	1	1.46	1.03	-1.03	0.00	.72099	.44	.42	180	
5	11	-8	1	1.36	1.31	-1.31	0.00	.68874	.08	.08	180	
5	11	-7	1	5.18	5.14	-5.14	0.00	.66228	.04	.12	180	
5	11	-6	1	4.66	4.89	4.89	0.00	.64234	-.23	-.73	0	
5	11	-5	1	4.74	3.77	-3.77	0.00	.62953	.97	3.35	180	
5	11	-4	1	1.34	.66	-.66	0.00	.62430	.67	.74	180	
5	11	-3	1	6.43	6.34	-6.34	0.00	.62683	.09	.35	180	
5	11	-2	1	4.75	4.39	-4.39	0.00	.63703	.36	1.13	180	
5	11	-1	1	13.59	13.64	-13.64	0.00	.65455	-.05	-.23	180	
5	11	0	1	3.36	4.13	4.13	0.00	.67881	-.77	-1.66	0	
5	11	1	1	1.48	1.03	1.03	0.00	.70913	.46	.43	0	
5	11	2	1	5.13	4.44	4.44	0.00	.74476	.70	1.93	0	
5	12	-9	1	1.54	.91	-.91	0.00	.75137	.63	.57	180	

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
5	12	-8	1	4.34	4.99	4.99	0.00	.72186	-.65	-1.53	0	
5	12	-7	1	12.93	13.26	13.26	0.00	.69808	-.33	-1.50	0	
5	12	-6	1	1.51	1.58	1.58	0.00	.68065	-.07	-.08	0	
5	12	-5	1	1.34	.28	-.28	0.00	.67006	1.06	1.11	180	
5	12	-4	1	4.57	4.06	4.06	0.00	.66664	.50	1.47	0	
5	12	-3	1	2.69	3.50	-3.50	0.00	.67050	-.81	-1.42	180	
5	12	-2	1	10.44	10.19	-10.19	0.00	.68150	.30	1.32	180	
5	12	-1	1	1.73	1.09	1.09	0.00	.69933	.63	.76	0	
5	12	0	1	2.14	1.12	-1.12	0.00	.72346	1.02	1.41	180	
5	12	1	1	1.50	.68	.68	0.00	.75330	.81	.76	0	
5	13	-7	1	7.20	6.64	6.64	0.00	.73546	.56	2.03	0	
5	13	-6	1	2.83	3.30	3.30	0.00	.72032	-.47	-.89	0	
5	13	-5	1	2.39	1.21	-1.21	0.00	.71172	1.18	2.06	180	
5	13	-4	1	3.68	2.69	-2.69	0.00	.70990	.99	2.40	180	
5	13	-3	1	4.48	4.68	-4.68	0.00	.71491	-.20	-.53	180	
5	13	-2	1	2.73	.51	.51	0.00	.72661	2.23	3.79	0	
5	13	-1	1	5.40	5.77	5.77	0.00	.74469	-.37	-1.08	0	
5	14	-5	1	1.48	.41	-.41	0.00	.75431	1.07	1.01	180	
5	14	-4	1	2.10	2.46	-2.46	0.00	.75391	-.36	-.45	180	
5	14	-3	1	3.22	3.28	-3.28	0.00	.75285	-.07	-.13	180	
5	14	-2	1	2.06	.76	-.76	0.00	.74852	1.30	1.57	180	
6	-15	2	1	5.41	5.30	5.30	0.00	.75068	.11	.32	0	
6	-15	1	1	1.48	.59	-.59	0.00	.73627	.89	.84	180	
6	-14	-2	1	1.43	.07	-.07	0.00	.71980	1.36	1.34	180	
6	-14	-1	1	1.48	.07	2.47	0.00	.70984	-.99	-.93	0	
6	-14	0	1	1.46	.57	-.57	0.00	.70666	.89	.86	180	
6	-14	1	1	4.14	3.94	3.94	0.00	.71034	.20	.49	0	
6	-14	2	1	5.95	5.71	5.71	0.00	.72078	.24	.73	0	
6	-14	3	1	1.46	.19	.19	0.00	.73769	1.29	1.22	0	
6	-14	4	1	2.71	1.84	1.84	0.00	.74380	.87	1.41	0	
6	-13	-3	1	1.44	1.74	-1.74	0.00	.71540	-.30	-.29	180	
6	-13	-2	1	1.41	.05	-.05	0.00	.69288	1.36	1.35	180	
6	-13	-1	1	3.21	2.46	-2.46	0.00	.67683	.74	1.65	180	
6	-13	0	1	12.41	12.08	12.08	0.00	.66772	.33	1.53	0	
6	-13	1	1	4.78	4.18	-4.18	0.00	.67121	.61	1.87	180	
6	-13	2	1	3.64	2.20	2.20	0.00	.68370	-.03	-.09	180	
6	-13	3	1	4.89	4.92	-4.92	0.00	.70293	.18	.68	180	
6	-13	4	1	7.42	7.23	-7.23	0.00	.72835	1.44	2.30	0	
6	-13	5	1	2.26	.83	.83	0.00	.73574	-.83	-.97	180	
6	-12	-4	1	1.97	2.79	-2.79	0.00	.70152	1.26	1.76	0	
6	-12	-3	1	7.58	7.27	7.27	0.00	.67282	.31	1.32	0	
6	-12	-2	1	1.50	1.81	-1.81	0.00	.65035	-.32	-.36	180	
6	-12	-1	1	2.84	.04	-.04	0.00	.63479	2.80	6.62	180	
6	-12	0	1	3.44	3.08	-3.08	0.00	.62665	.36	.95	180	
6	-12	1	1	5.54	5.26	5.26	0.00	.62622	.28	.99	0	
6	-12	2	1	1.47	.72	.72	0.00	.63351	.75	.85	0	
6	-12	3	1	9.86	9.79	9.79	0.00	.64827	.07	.33	0	
6	-12	4	1	1.45	1.97	-1.97	0.00	.67000	-.52	-.50	180	
6	-12	5	1	3.17	1.40	1.40	0.00	.69805	1.77	3.94	180	
6	-11	-6	1	3.95	3.51	-3.51	0.00	.73169	.48	1.11	180	
6	-11	-5	1	2.07	1.77	1.77	0.00	.73487	.30	.36	0	
6	-11	-4	1	4.67	4.86	-4.86	0.00	.69506	-.20	-.53	180	

H	K	L	GRP	FCU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
6	-11	-4	1	4.13	4.90	-4.90	C.00	.66024	-.78	-1.95	180
6	-11	-3	1	3.30	3.11	3.11	0.00	.63123	.19	.41	0
6	-11	-2	1	2.70	1.62	1.62	0.00	.60886	1.08	2.46	0
6	-11	-1	1	7.43	6.99	-6.99	0.00	.59388	.44	1.97	180
6	-11	0	1	8.33	8.04	-8.04	0.00	.58687	.28	1.35	180
6	-11	1	1	6.07	6.55	6.55	0.00	.58810	-.48	-1.83	0
6	-11	2	1	5.29	5.02	-5.02	0.00	.59753	.27	1.05	180
6	-11	3	1	1.44	.67	.67	0.00	.61477	.76	.93	0
6	-11	4	1	9.75	9.67	9.67	0.00	.63920	.08	.35	0
6	-11	5	1	1.37	.89	.89	0.00	.67002	.47	.46	0
6	-11	6	1	5.02	4.51	-4.51	0.00	.70641	.51	1.56	180
6	-11	7	1	3.62	3.47	3.47	0.00	.74755	.15	.32	0
6	-10	-7	1	13.35	12.84	-2.45	0.00	.74120	1.39	3.14	180
6	-10	-6	1	3.83	2.45	12.84	0.00	.65621	.51	2.43	0
6	-10	-5	1	3.85	3.75	3.75	0.00	.65557	.10	.25	0
6	-10	-4	1	9.48	9.26	9.26	0.00	.62014	.23	1.09	0
6	-10	-3	1	9.58	9.26	-9.26	0.00	.59084	.32	1.63	180
6	-10	-2	1	16.33	16.49	-16.49	0.00	.56863	-.17	-.98	180
6	-10	-1	1	10.23	10.27	-10.27	0.00	.55436	-.04	-.21	180
6	-10	0	1	1.23	1.56	-1.56	0.00	.54865	-.33	-.37	180
6	-10	1	1	2.36	1.99	1.99	0.00	.55177	.37	.73	0
6	-10	2	1	1.24	1.35	1.35	0.00	.56357	-.11	-.12	0
6	-10	3	1	2.05	2.37	2.37	0.00	.58353	-.31	-.53	0
6	-10	4	1	4.78	5.02	-5.02	0.00	.61084	-.23	-.74	180
6	-10	5	1	2.25	1.51	1.51	0.00	.64457	.74	1.37	0
6	-10	6	1	2.64	3.36	3.36	0.00	.68377	-.72	-1.29	0
6	-10	7	1	7.21	7.04	-7.04	0.00	.72756	.18	.65	180
6	-9	-8	1	3.02	1.93	-1.93	0.00	.75456	1.09	1.97	180
6	-9	-7	1	9.20	8.76	8.76	0.00	.70495	.44	1.76	0
6	-9	-6	1	5.61	6.02	6.02	0.00	.65899	-.42	-1.33	0
6	-9	-5	1	1.36	2.65	2.65	0.00	.61751	-.42	-1.34	0
6	-9	-4	1	2.27	1.07	-1.07	0.00	.58147	1.20	2.13	180
6	-9	-3	1	1.23	1.56	-1.56	0.00	.55192	-.33	-.37	180
6	-9	-2	1	9.77	9.66	-9.66	0.00	.52995	.11	.59	180
6	-9	-1	1	8.57	8.69	8.69	0.00	.51654	-.12	-.64	0
6	-9	0	1	1.88	1.39	-1.39	0.00	.51235	.49	.92	180
6	-9	1	1	19.62	20.28	20.28	0.00	.51761	-.66	-4.17	0
6	-9	2	1	1.20	1.46	-1.46	0.00	.53204	-.26	-.30	180
6	-9	3	1	3.67	3.30	-3.30	0.00	.55493	.37	1.09	180
6	-9	4	1	17.53	17.98	-17.98	0.00	.58528	-.45	-2.56	180
6	-9	5	1	3.66	3.52	3.52	0.00	.62200	.14	.37	0
6	-9	6	1	3.73	4.06	-4.06	0.00	.66403	-.33	-.84	180
6	-9	7	1	1.46	2.04	-2.04	0.00	.71044	-.59	-.56	180
6	-8	-8	1	4.22	4.35	4.35	0.00	.72099	-.14	-.33	0
6	-8	-7	1	2.16	2.23	-2.23	0.00	.67037	-.07	-.12	180
6	-8	-6	1	7.24	6.91	-6.91	0.00	.62347	.34	1.42	180
6	-8	-5	1	6.37	6.35	6.35	0.00	.58116	.01	.05	0
6	-8	-4	1	6.61	6.86	-6.86	0.00	.54453	-.25	-1.11	180
6	-8	-3	1	11.01	11.21	-11.21	0.00	.51479	-.20	-1.18	180
6	-8	-2	1	27.40	28.18	28.18	0.00	.49318	-.78	-3.77	0
6	-8	-1	1	15.65	15.64	15.64	0.00	.48081	.01	.08	0
6	-8	0	1	1.18	.13	.13	0.00	.47839	1.05	1.25	0
6	-8	1	1	1.15	.25	-.25	0.00	.48607	.90	1.10	180

ANGLE  
STAT

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
6	-8	2	1	1b.60	1b.93	-18.93	0.00	.50339	-.33	-2.03	180
6	-8	3	1	11.84	12.52	-12.52	0.00	.52940	-.68	-3.92	180
6	-8	4	1	1.84	2.65	-2.65	0.00	.56290	-.81	-1.28	180
6	-8	5	1	1.25	1.17	1.17	0.00	.60264	.08	.09	0
6	-8	6	1	6.86	6.81	6.81	0.00	.64747	.05	.17	0
6	-8	7	1	9.93	9.91	9.91	0.00	.69641	.02	.09	0
6	-8	8	1	4.25	3.01	3.01	0.00	.74866	1.24	3.19	0
6	-7	9	1	5.98	5.47	-5.47	0.00	.74386	.52	1.60	180
6	-7	10	1	4.65	3.97	-3.97	0.00	.68932	.68	2.01	180
6	-7	11	1	2.95	2.98	-2.98	0.00	.63776	-.03	-.07	180
6	-7	12	1	2.95	1.54	-1.54	0.00	.58994	.43	.67	180
6	-7	13	1	1.97	1.54	-1.54	0.00	.54686	.29	.66	180
6	-7	14	1	2.59	2.30	-2.30	0.00	.50971	1.19	1.39	0
6	-7	15	1	1.20	.01	.01	0.00	.47988	-.34	-.42	0
6	-7	16	1	1.15	1.50	1.50	0.00	.45880	-.66	-2.34	0
6	-7	17	1	3.92	4.58	4.58	0.00	.44769	.88	3.53	0
6	-7	18	1	3.75	2.87	2.87	0.00	.44732	.40	.52	0
6	-7	19	1	1.08	.68	.68	0.00	.45770	-.72	-4.49	0
6	-7	20	1	10.89	11.61	-11.61	0.00	.47813	-.52	-1.12	180
6	-7	21	1	2.21	2.73	-2.73	0.00	.50740	.64	2.43	0
6	-7	22	1	4.21	3.56	3.56	0.00	.54409	-1.33	-3.33	180
6	-7	23	1	2.93	4.26	-4.26	0.00	.58681	.91	1.06	0
6	-7	24	1	1.32	1.09	-1.09	0.00	.63433	.23	.24	180
6	-7	25	1	1.32	1.09	-1.09	0.00	.68566	.37	1.11	180
6	-7	26	1	4.62	4.25	-4.25	0.00	.74002	-.00	-.01	180
6	-7	27	1	3.18	3.18	-3.18	0.00	.71523	.26	.82	0
6	-6	28	1	5.83	5.57	5.57	0.00	.65984	1.17	1.22	0
6	-6	29	1	1.35	.18	.18	0.00	.60740	-.10	-.10	180
6	-6	30	1	1.30	1.40	-1.40	0.00	.55877	.35	.46	180
6	-6	31	1	1.34	1.00	-1.00	0.00	.51501	.18	.22	0
6	-6	32	1	1.19	1.00	-1.00	0.00	.47746	-.55	-1.63	180
6	-6	33	1	3.15	3.70	-3.70	0.00	.44770	-.93	-6.42	0
6	-6	34	1	15.80	16.74	-16.74	0.00	.42736	-.62	-4.32	180
6	-6	35	1	13.66	14.28	-14.28	0.00	.41780	-.93	-6.10	0
6	-6	36	1	10.74	11.67	-11.67	0.00	.41977	-.38	-2.54	0
6	-6	37	1	10.40	10.78	-10.78	0.00	.45683	.07	.46	180
6	-6	38	1	11.88	12.45	-12.45	0.00	.52924	-.09	-.59	0
6	-6	39	1	14.84	14.77	14.77	0.00	.57479	-.51	-2.87	180
6	-6	40	1	14.10	14.20	-14.20	0.00	.62483	.01	.01	180
6	-6	41	1	4.64	4.10	-4.10	0.00	.67835	-.19	-.81	180
6	-6	42	1	12.47	12.99	-12.99	0.00	.73460	.75	.71	0
6	-6	43	1	1.78	1.77	-1.77	0.00	.74739	.87	1.61	180
6	-6	44	1	9.71	9.90	-9.90	0.00	.68896	.00	.00	180
6	-6	45	1	1.48	.73	.73	0.00	.63284	.43	2.12	0
6	-5	46	1	2.96	2.09	-2.09	0.00	.57968	.68	3.17	0
6	-5	47	1	12.41	12.41	-12.41	0.00	.53037	-.14	-1.55	180
6	-5	48	1	11.44	11.01	11.01	0.00	.48610	.98	3.83	180
6	-5	49	1	7.39	6.71	6.71	0.00	.44835	-.13	-.16	180
6	-5	50	1	1.26	2.66	-2.66	0.00	.39957	-.39	-2.22	180
6	-5	51	1	4.32	3.34	-3.34	0.00	.39187	-.25	-1.40	180
6	-5	52	1	1.13	1.26	-1.26	0.00		-.18	-.67	180
6	-5	53	1	6.76	7.15	-7.15	0.00				
6	-5	54	1	5.86	6.11	-6.11	0.00				
6	-5	55	1	3.31	3.49	-3.49	0.00				

ANGLE  
STAT

H	K	L	GRP	HD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
6	-5	0	1	4.995	4.96	4.96	0.00	.35649	-.01	-.07	0
6	-5	1	1	24.22	25.84	25.84	0.00	.41300	-1.62	-7.97	0
6	-5	2	1	7.62	7.65	7.65	0.00	.44007	-.03	-.15	0
6	-5	3	1	6.68	7.32	-7.32	0.00	.47590	-.63	-3.15	180
6	-5	4	1	10.87	10.90	10.90	0.00	.51869	-.03	-.20	0
6	-5	5	1	3.67	3.47	-3.47	0.00	.56684	.20	.58	180
6	-5	6	1	5.63	4.90	4.90	0.00	.61913	.74	2.92	0
6	-5	7	1	7.17	7.08	7.08	0.00	.67458	.09	.33	0
6	-5	8	1	3.55	3.53	-3.53	0.00	.73247	.02	.04	180
6	-4	9	1	3.77	3.11	3.11	0.00	.72429	.66	1.56	0
6	-4	10	1	2.88	3.05	3.05	0.00	.66533	-.16	-.33	0
6	-4	11	1	3.89	3.75	3.75	0.00	.60866	.14	.39	0
6	-4	12	1	1.64	2.40	2.40	0.00	.55497	-.76	-1.14	0
6	-4	13	1	1.16	1.26	-1.26	0.00	.50522	-.09	-.10	180
6	-4	14	1	23.08	23.40	-23.40	0.00	.46068	-.31	-1.69	180
6	-4	15	1	3.14	3.00	-3.00	0.00	.42301	.14	.48	180
6	-4	16	1	8.06	8.66	-8.66	0.00	.39419	-.60	-3.68	180
6	-4	17	1	19.78	20.16	-20.16	0.00	.37623	-.38	-2.50	180
6	-4	18	1	16.74	17.59	17.59	0.00	.37074	-.84	-5.72	0
6	-4	19	1	1.03	1.67	1.67	0.00	.37825	-.63	-.86	0
6	-4	20	1	10.98	11.54	11.54	0.00	.39803	-.56	-3.97	0
6	-4	21	1	1.12	.54	.54	0.00	.42837	.58	.73	0
6	-4	22	1	10.17	10.19	-10.19	0.00	.46724	-.03	-.17	180
6	-4	23	1	9.72	10.03	-10.03	0.00	.51269	-.31	-1.77	180
6	-4	24	1	6.02	6.08	-6.08	0.00	.56313	-.06	-.26	180
6	-4	25	1	7.21	7.49	7.49	0.00	.61734	-.27	-1.13	0
6	-4	26	1	9.84	10.00	10.00	0.00	.67441	-.15	-.68	0
6	-4	27	1	4.63	5.71	5.71	0.00	.73368	-.03	-.72	0
6	-3	28	1	4.56	4.60	4.60	0.00	.70390	-.03	-.10	0
6	-3	29	1	7.89	8.30	8.30	0.00	.64462	-.40	-1.65	0
6	-3	30	1	1.24	.94	-.94	0.00	.58764	.30	.34	180
6	-3	31	1	6.69	6.81	-6.81	0.00	.53370	-.12	-.53	180
6	-3	32	1	1.21	1.60	-1.60	0.00	.48381	-.39	-.45	180
6	-3	33	1	14.97	15.33	-15.33	0.00	.43937	-.36	-2.45	180
6	-3	34	1	2.28	2.52	-2.52	0.00	.40217	-.24	-.65	180
6	-3	35	1	14.20	14.90	14.90	0.00	.37439	-.70	-5.39	0
6	-3	36	1	25.60	26.31	26.31	0.00	.35822	-.71	-3.46	0
6	-3	37	1	1.73	1.75	-1.75	0.00	.35526	-.02	-.05	180
6	-3	38	1	4.63	4.73	4.73	0.00	.36581	-.09	-.47	0
6	-3	39	1	14.28	14.92	-14.92	0.00	.38879	-.64	-4.86	180
6	-3	40	1	26.13	26.53	-26.53	0.00	.42217	-.41	-1.78	180
6	-3	41	1	17.46	18.34	-18.34	0.00	.46370	-.88	-6.06	180
6	-3	42	1	13.29	13.88	13.88	0.00	.51142	-.60	-3.67	0
6	-3	43	1	7.16	6.76	6.76	0.00	.56373	.41	1.93	0
6	-3	44	1	6.95	7.25	7.25	0.00	.61950	-.29	-1.20	0
6	-3	45	1	12.44	12.16	-12.16	0.00	.67785	.28	1.29	180
6	-3	46	1	8.05	7.28	7.28	0.00	.73819	.77	3.04	0
6	-2	47	1	1.47	.22	-.22	0.00	.74761	.77	1.19	180
6	-2	48	1	5.92	5.57	5.57	0.00	.68646	.35	1.21	0
6	-2	49	1	1.26	.72	-.72	0.00	.62712	.55	.61	180
6	-2	50	1	1.27	1.93	-1.93	0.00	.57013	-.66	-.73	180
6	-2	51	1	8.64	9.35	-9.35	0.00	.51629	-.71	-3.93	180
6	-2	52	1	1.13	1.09	1.09	0.00	.46667	.04	.05	0

ANGLE  
STAT

H	K	L	GKP	H	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
6	-2	-5	1	25.26	26.16	26.16	0.00	.42277	-.90	-4.44	180	0	
6	-2	-4	1	1.03	.23	.23	C.00	.38655	.79	1.08	180	0	
6	-2	-3	1	13.53	13.68	-13.68	0.00	.36033	-.15	-1.16	180	0	
6	-2	-2	1	11.66	11.87	11.87	0.00	.34638	-.22	-1.65	180	0	
6	-2	-1	1	6.13	6.26	-6.26	0.00	.34619	-.13	-.82	180	0	
6	-2	0	1	6.70	6.61	-6.61	0.00	.35978	.09	.57	180	0	
6	-2	1	1	12.89	13.15	13.15	0.00	.38571	-.27	-1.97	180	0	
6	-2	2	1	12.42	12.80	-12.80	0.00	.42169	-.38	-2.62	180	0	
6	-2	3	1	12.31	12.78	12.78	0.00	.46541	-.48	-3.11	180	0	
6	-2	4	1	15.17	15.45	15.45	0.00	.51490	-.28	-1.80	180	0	
6	-2	5	1	13.60	13.86	13.86	0.00	.56864	-.20	-1.12	180	0	
6	-2	6	1	1.49	1.06	1.06	0.00	.62556	.42	.55	180	0	
6	-2	7	1	1.42	1.77	-1.77	0.00	.68485	-.36	-.35	180	0	
6	-2	8	1	16.25	16.14	-16.14	0.00	.74595	.12	.53	180	0	
6	-1	-11	1	7.71	6.86	-6.86	0.00	.73319	.85	3.22	180	0	
6	-1	-10	1	1.32	.13	.13	0.00	.67221	1.18	1.26	180	0	
6	-1	-9	1	1.50	.95	.95	0.00	.61311	.55	.68	180	0	
6	-1	-8	1	5.02	5.11	-5.11	0.00	.55647	-.08	-.32	180	0	
6	-1	-7	1	3.49	2.88	2.88	0.00	.50314	.61	2.00	180	0	
6	-1	-6	1	5.77	5.53	5.53	0.00	.45427	.24	1.17	180	0	
6	-1	-5	1	1.15	.45	.45	0.00	.41147	.70	.97	180	0	
6	-1	-4	1	16.86	17.80	-17.80	0.00	.37680	-.94	-6.40	180	0	
6	-1	-3	1	7.45	7.65	7.65	0.00	.35268	-.20	-1.39	180	0	
6	-1	-2	1	20.47	21.19	-21.19	0.00	.34133	-.71	-4.33	180	0	
6	-1	-1	1	15.12	15.61	-15.61	0.00	.34404	-.48	-3.96	180	0	
6	-1	0	1	1.65	.83	-.83	0.00	.36048	.82	1.84	180	0	
6	-1	1	1	1.06	2.22	-2.22	0.00	.38892	-1.16	-1.54	180	0	
6	-1	2	1	12.71	13.19	13.19	0.00	.42697	-.47	-3.25	180	0	
6	-1	3	1	5.93	6.31	6.31	0.00	.47230	-.37	-1.93	180	0	
6	-1	4	1	7.14	7.32	-7.32	0.00	.52304	-.19	-.91	180	0	
6	-1	5	1	6.26	5.79	5.79	0.00	.57775	.41	1.80	180	0	
6	-1	6	1	2.13	2.63	-2.63	0.00	.63541	-.50	-.83	180	0	
6	-1	7	1	2.10	1.82	1.82	0.00	.69529	.28	.42	180	0	
6	-1	8	1	9.13	8.91	-8.91	0.00	.75686	.22	.87	180	0	
6	-1	9	1	9.62	8.32	-8.32	0.00	.72187	1.30	5.54	180	0	
6	-1	10	1	1.29	.26	.26	0.00	.66135	1.02	1.11	180	0	
6	-1	11	1	4.69	5.08	-5.08	0.00	.60283	-.18	-.61	180	0	
6	-1	12	1	11.84	13.08	13.08	0.00	.54694	-1.24	-6.93	180	0	
6	-1	13	1	12.93	12.96	12.96	0.00	.49459	-.03	-.19	180	0	
6	-1	14	1	5.91	7.04	7.04	0.00	.44702	-1.14	-5.56	180	0	
6	-1	15	1	4.54	4.50	-4.50	0.00	.40590	.05	.22	180	0	
6	-1	16	1	3.25	3.49	-3.49	0.00	.37338	-.24	-.96	180	0	
6	-1	17	1	12.85	13.44	-13.44	0.00	.35185	-.59	-4.66	180	0	
6	-1	18	1	8.77	8.65	8.65	0.00	.34339	.13	.92	180	0	
6	-1	19	1	19.43	20.45	-20.45	0.00	.36787	-1.02	-5.95	180	0	
6	-1	20	1	14.27	14.29	-14.29	0.00	.39828	-.02	-.16	180	0	
6	-1	21	1	48.95	50.83	-50.83	0.00	.39828	-1.88	-4.35	180	0	
6	-1	22	1	8.87	8.69	8.69	0.00	.43779	.18	1.09	180	0	
6	-1	23	1	10.33	10.71	-10.71	0.00	.48416	-.36	-2.23	180	0	
6	-1	24	1	7.72	7.57	-7.57	0.00	.53563	.15	.73	180	0	
6	-1	25	1	3.45	1.53	-1.53	0.00	.59085	1.91	5.81	180	0	
6	-1	26	1	3.85	3.45	3.45	0.00	.64888	.40	1.05	180	0	
6	-1	27	1	1.95	.26	.26	0.00	.70902	1.69	2.23	180	0	

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
6	1	-11	1	4.69	5.13	5.13	0.00	.71379	-.44	-1.21	0	
5	1	-10	1	3.54	2.69	2.69	0.00	.65405	.84	2.01	0	
6	1	-9	1	1.28	1.92	-1.92	0.00	.59648	-.64	-.70	180	
6	1	-8	1	8.17	7.77	7.77	0.00	.54177	.41	2.13	0	
6	1	-7	1	4.43	4.75	4.75	0.00	.49089	-.32	-1.23	0	
6	1	-6	1	13.03	13.24	-13.24	0.00	.44516	-.21	-1.42	180	
6	1	-5	1	12.57	13.15	13.15	0.00	.40630	-.59	-4.22	0	
6	1	-4	1	6.08	6.18	-6.18	0.00	.37647	-.10	-.58	180	
6	1	-3	1	25.77	26.74	26.74	0.00	.35791	-.96	-4.69	0	
6	1	-2	1	14.52	15.32	15.32	0.00	.35242	-.80	-6.44	0	
6	1	-1	1	29.21	30.11	30.11	0.00	.36060	-.90	-3.84	0	
6	1	0	1	2.25	3.14	-3.14	0.00	.38156	-.89	-2.41	180	
6	1	1	1	11.46	11.97	11.97	0.00	.41337	-.52	-3.68	0	
6	1	2	1	24.74	25.06	-25.06	0.00	.45375	-.32	-1.66	180	
6	1	3	1	14.91	15.22	-15.22	0.00	.50063	-.31	-1.99	180	
6	1	4	1	1.26	.81	.81	0.00	.55236	.46	.51	0	
6	1	5	1	3.02	1.78	-1.78	0.00	.60770	1.24	3.36	180	
6	1	6	1	4.75	4.61	-4.61	0.00	.66575	.13	.42	180	
6	1	7	1	7.00	6.76	6.76	0.00	.72587	.24	.83	0	
6	1	8	1	3.88	3.67	3.67	0.00	.70907	.21	.50	0	
6	1	9	1	4.28	4.01	-4.01	0.00	.65042	.27	.81	180	
6	1	-10	1	3.66	3.29	3.29	0.00	.59417	.39	1.09	0	
6	1	-11	1	1.83	1.14	-1.14	0.00	.54107	.69	1.30	180	
6	2	-7	1	24.93	25.85	-25.85	0.00	.49215	-.93	-4.47	180	
6	2	-6	1	31.20	31.93	-31.93	0.00	.44876	-.73	-2.66	180	
6	2	-5	1	2.74	2.66	2.66	0.00	.41266	.09	.27	0	
6	2	-4	1	18.77	19.65	19.65	0.00	.38590	-.88	-5.71	0	
6	2	-3	1	32.09	33.58	33.58	0.00	.37051	-1.49	-6.22	0	
6	2	-2	1	16.60	17.08	17.08	0.00	.36792	-.48	-3.67	0	
6	2	-1	1	4.33	4.93	4.93	0.00	.37840	-.60	-2.80	0	
6	2	0	1	8.25	8.46	-8.46	0.00	.40091	-.21	-1.34	180	
6	2	1	1	1.05	.78	.78	0.00	.43359	.27	.36	180	
6	2	2	1	3.64	4.07	4.07	0.00	.47434	-.43	-1.42	0	
6	2	3	1	7.18	7.49	7.49	0.00	.52128	-.31	-1.50	0	
6	2	4	1	2.22	2.93	2.93	0.00	.57288	-.70	-1.36	0	
6	2	5	1	4.45	5.16	-5.16	0.00	.62799	-.72	-2.19	180	
6	2	6	1	8.00	7.72	7.72	0.00	.68577	.28	1.17	0	
6	2	7	1	1.47	.30	-.30	0.00	.74560	1.17	1.11	180	
6	2	8	1	1.37	1.04	-1.04	0.00	.70778	.32	.33	180	
6	2	9	1	1.31	.96	.96	0.00	.65054	.35	.37	180	
6	3	-10	1	4.78	4.61	-4.61	0.00	.54487	.18	.63	180	
6	3	-9	1	13.14	13.22	-13.22	0.00	.54987	-.07	-.44	180	
6	3	-8	1	5.39	5.73	5.73	0.00	.49831	-.34	-1.52	0	
6	3	-7	1	5.41	5.08	5.08	0.00	.45769	.33	1.63	0	
6	3	-6	1	27.02	27.79	-27.79	0.00	.42470	-.77	-3.38	180	
6	3	-5	1	14.46	14.82	14.82	0.00	.40123	-.36	-2.63	0	
6	3	-4	1	4.77	4.81	4.81	0.00	.38902	-.04	-.21	0	
6	3	-3	1	24.51	24.79	-24.79	0.00	.38911	-.28	-1.30	180	
6	3	-2	1	20.06	20.77	-20.77	0.00	.40151	-.72	-3.90	180	
6	3	-1	1	2.59	1.63	1.63	0.00	.42514	.96	2.89	0	
6	3	0	1	5.51	5.71	-5.71	0.00	.45826	-.21	-1.01	180	
6	3	1	1	8.93	9.06	9.06	0.00	.49899	-.13	-.75	0	
6	3	2	1	15.60	16.62	16.62	0.00	.54562	-1.03	-6.24	0	

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
6	3	4	1	8.91	8.59	8.59	0.00	.59678	.32	1.50	0
6	3	5	1	1.36	.55	.55	0.00	.65140	.81	.63	0
6	3	6	1	4.21	4.47	-4.47	0.00	.70867	-.26	-.65	180
6	4	-11	1	8.11	7.73	7.73	0.00	.70992	.38	1.48	0
6	4	-10	1	3.13	3.04	-3.04	0.00	.65439	.09	.21	180
6	4	-9	1	14.30	14.52	14.52	0.00	.60182	-.22	-1.22	0
6	4	-8	1	9.57	9.67	-9.67	0.00	.55307	-.10	-.55	180
6	4	-7	1	9.62	9.91	9.91	0.00	.50922	-.28	-1.60	0
6	4	-6	1	4.74	4.94	4.94	0.00	.47165	-.19	-.81	0
6	4	-5	1	24.77	25.71	25.71	0.00	.44196	-.94	-4.49	0
6	4	-4	1	18.49	18.94	-18.94	0.00	.42182	-.45	-2.95	180
6	4	-3	1	14.34	14.84	-14.84	0.00	.41264	-.50	-3.65	180
6	4	-2	1	10.47	11.18	-11.18	0.00	.41513	-.72	-4.95	180
6	4	-1	1	3.53	3.25	-3.25	0.00	.42909	.28	1.04	180
6	4	0	1	8.56	7.88	7.88	0.00	.45347	.70	4.21	0
6	4	1	1	13.94	14.13	14.13	0.00	.48671	-.19	-1.24	0
6	4	2	1	4.70	4.40	-4.40	0.00	.52712	.31	1.22	180
6	4	3	1	1.23	1.05	-1.05	0.00	.57320	.18	.20	180
6	4	4	1	4.00	3.89	-3.89	0.00	.62369	.11	.34	180
6	4	5	1	4.62	4.36	-4.36	0.00	.67760	.26	.73	180
6	4	6	1	3.76	3.10	-3.10	0.00	.73419	.66	1.51	180
6	5	-11	1	3.08	3.43	-3.43	0.00	.71548	-.35	-.70	180
6	5	-10	1	7.99	7.69	7.69	0.00	.61191	.30	1.25	0
6	5	-9	1	2.19	1.57	1.57	0.00	.61162	.62	1.08	0
6	5	-8	1	4.25	3.21	-3.21	0.00	.56547	1.04	3.70	160
6	5	-7	1	9.11	9.51	9.51	0.00	.52456	-.40	-2.21	0
6	5	-6	1	10.46	10.59	-10.59	0.00	.49021	-.13	-.78	180
6	5	-5	1	2.17	1.84	1.84	0.00	.46386	.33	.80	0
6	5	-4	1	8.31	8.83	8.83	0.00	.44694	-.53	-3.20	0
6	5	-3	1	1.94	2.03	2.03	0.00	.44054	-.09	-.21	0
6	5	-2	1	14.22	14.74	14.74	0.00	.44511	-.52	-3.56	0
6	5	-1	1	1.65	3.60	-3.60	0.00	.46033	-1.95	-3.32	180
6	5	0	1	8.28	8.68	8.68	0.00	.48519	-.40	-2.22	0
6	5	1	1	1.16	.41	-.41	0.00	.51830	.75	.90	180
6	5	2	1	1.62	.92	-.92	0.00	.55821	.70	1.02	180
6	5	3	1	7.47	7.40	-7.40	0.00	.60356	.07	.30	180
6	5	4	1	5.56	5.74	5.74	0.00	.65323	-.18	-.62	0
6	5	5	1	6.52	5.99	5.99	0.00	.70629	.53	1.94	0
6	6	-11	1	7.25	7.14	-7.14	0.00	.72436	.11	.40	180
6	6	-10	1	1.33	.84	.84	0.00	.67299	.49	.51	0
6	6	-9	1	2.74	2.66	2.66	0.00	.62518	.07	.17	0
6	6	-8	1	8.55	8.24	-8.24	0.00	.58182	.31	1.52	180
6	6	-7	1	9.39	9.45	-9.45	0.00	.54398	-.06	-.31	180
6	6	-6	1	3.49	2.80	-2.80	0.00	.51287	.68	2.24	180
6	6	-5	1	8.28	8.22	-8.22	0.00	.48978	.06	.36	180
6	6	-4	1	9.08	9.18	-9.18	0.00	.47588	-.10	-.61	180
6	6	-3	1	2.92	2.29	2.29	0.00	.47198	.63	2.00	0
6	6	-2	1	9.09	9.65	9.65	0.00	.47833	-.56	-3.29	0
6	6	-1	1	3.93	3.50	3.50	0.00	.49454	.43	1.57	0
6	6	0	1	5.04	5.27	-5.27	0.00	.51967	-.23	-.98	180
6	6	1	1	13.00	13.08	-13.08	0.00	.55252	-.08	-.49	180
6	6	2	1	8.12	9.06	9.06	0.00	.59180	-.95	-4.22	0
6	6	3	1	1.36	1.96	1.96	0.00	.63632	-.60	-.62	0

ANGLE  
STAT



H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
6	6	4	1	2.38	2.68	2.68	C.00	.66506	-.30	-.48	0	
6	6	5	1	8.42	8.80	8.80	0.00	.73718	-.38	-1.40	0	
6	7	-11	1	21.26	20.52	20.52	0.00	.73646	.75	3.64	0	
6	7	-10	1	5.17	5.27	-5.27	0.00	.66744	-.10	-.32	180	
6	7	-9	1	4.65	4.55	-4.55	0.00	.64226	.13	.43	180	
6	7	-8	1	1.32	.34	-.34	0.00	.60179	.97	1.03	180	
6	7	-7	1	7.74	7.66	-7.66	0.00	.56704	.07	.36	180	
6	7	-6	1	1.71	2.81	-2.81	0.00	.53911	-1.10	-1.79	180	
6	7	-5	1	13.27	13.98	13.98	0.00	.51911	-.70	-4.29	0	
6	7	-4	1	2.53	3.45	-3.45	0.00	.50798	-.92	-2.26	180	
6	7	-3	1	1.40	1.01	1.01	0.00	.50630	.39	.53	0	
6	7	-2	1	2.55	1.87	1.87	0.00	.51416	.68	1.65	0	
6	7	-1	1	20.23	20.66	-20.66	0.00	.53114	-.44	-2.52	180	
6	7	0	1	8.07	8.31	-8.31	0.00	.55640	-.25	-1.23	180	
6	7	1	1	4.47	4.22	-4.22	0.00	.56889	.25	.87	180	
6	7	2	1	3.71	3.98	3.98	0.00	.62747	-.26	-.73	0	
6	7	3	1	3.04	.61	-.61	0.00	.67111	2.43	5.57	180	
6	7	4	1	7.19	7.72	7.72	0.00	.71887	-.53	-1.78	0	
6	8	-11	1	3.28	3.65	-3.65	0.00	.75162	-.37	-.73	180	
6	8	-10	1	2.92	3.09	-3.09	0.00	.70506	-.16	-.34	180	
6	8	-9	1	3.09	2.82	2.82	0.00	.66259	.27	.59	0	
6	8	-8	1	5.36	5.86	5.86	0.00	.62503	-.50	-1.81	0	
6	8	-7	1	2.60	1.51	1.51	0.00	.59332	1.09	2.50	0	
6	8	-6	1	16.81	16.98	16.98	0.00	.56844	-.17	-.97	0	
6	8	-5	1	5.66	5.98	5.98	0.00	.55132	-.30	-1.27	0	
6	8	-4	1	10.61	11.17	11.17	0.00	.54268	-.36	-2.03	0	
6	8	-3	1	6.61	6.58	-6.58	0.00	.54294	.03	.13	180	
6	8	-2	1	7.20	7.20	-7.20	0.00	.55208	.00	.02	180	
6	8	-1	1	6.05	6.55	-6.55	0.00	.56967	-.49	-2.12	180	
6	8	0	1	6.37	6.50	-6.50	0.00	.59497	-.13	-.52	180	
6	8	1	1	2.44	2.47	-2.47	0.00	.62704	-.03	-.06	180	
6	8	2	1	8.77	8.90	8.90	0.00	.66491	-.13	-.55	0	
6	8	3	1	7.86	8.29	8.29	0.00	.70764	-.41	-1.62	0	
6	8	4	1	1.51	1.90	-1.90	0.00	.75440	-.39	-.36	180	
6	8	5	1	7.37	7.35	-7.35	0.00	.72562	.02	.07	180	
6	9	-10	1	2.69	.96	-.96	0.00	.68588	1.74	3.47	180	
6	9	-9	1	1.38	1.44	1.44	0.00	.65119	-.06	-.06	0	
6	9	-8	1	8.20	7.89	7.89	0.00	.62242	.31	1.40	0	
6	9	-7	1	3.20	3.77	3.77	0.00	.60041	-.57	-1.36	0	
6	9	-6	1	10.35	10.63	-10.63	0.00	.58592	-.28	-1.48	180	
6	9	-5	1	10.75	10.81	10.81	0.00	.57951	-.06	-.34	0	
6	9	-4	1	5.03	4.96	-4.96	0.00	.58147	.57	2.37	180	
6	9	-3	1	9.09	8.77	8.77	0.00	.59165	.32	1.65	180	
6	9	-2	1	8.81	8.69	8.69	0.00	.60977	.12	.58	0	
6	9	-1	1	8.28	7.87	7.87	0.00	.63504	.42	1.88	0	
6	9	0	1	4.91	3.09	3.09	0.00	.66667	1.81	6.15	180	
6	9	1	1	2.15	.95	-.95	0.00	.70382	1.20	1.78	180	
6	10	-10	1	4.30	3.65	-3.65	0.00	.74565	.65	1.53	180	
6	10	-9	1	2.16	1.95	-1.95	0.00	.74888	.21	.27	0	
6	10	-8	1	3.23	2.56	-2.56	0.00	.71183	.67	1.37	180	
6	10	-7	1	1.41	.02	-.02	0.00	.67994	1.39	1.38	180	
6	10	-6	1	8.03	7.88	-7.88	0.00	.65396	.15	.64	180	
6	10	-5	1	6.83	6.81	-6.81	0.00	.63461	.01	.04	180	

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
6	10	-5	1	2.36	2.57	-2.57	0.00	.62252	-.21	-.39	180
6	10	-4	1	11.65	11.35	11.35	0.00	.61810	.30	1.55	180
6	10	-3	1	7.34	7.25	-7.25	0.00	.62153	.09	.38	180
6	10	-2	1	11.74	11.51	11.51	0.00	.63268	.23	1.15	180
6	10	-1	1	5.47	6.18	-6.18	0.00	.65115	-.71	-2.24	180
6	10	0	1	1.45	1.47	-1.47	0.00	.67634	-.02	-.02	160
6	10	1	1	3.08	1.85	-1.85	0.00	.70753	1.23	2.57	160
6	10	2	1	3.01	2.65	-2.65	0.00	.74397	.36	.68	180
6	11	-9	1	2.11	2.73	-2.73	0.00	.74018	-.62	-.78	180
6	11	-8	1	1.43	1.04	-1.04	0.00	.71096	.39	.38	180
6	11	-7	1	1.41	.97	-.97	0.00	.68760	.44	.44	180
6	11	-6	1	1.40	.55	.55	0.00	.67071	.85	.85	180
6	11	-5	1	3.41	1.06	1.06	0.00	.66078	2.36	5.94	180
6	11	-4	1	1.33	.23	-.23	0.00	.65814	1.09	1.16	180
6	11	-3	1	7.42	6.36	6.36	0.00	.66286	1.07	4.20	180
6	11	-2	1	3.15	2.49	-2.49	0.00	.67480	.66	1.46	180
6	11	-1	1	3.03	4.68	-4.68	0.00	.69358	-1.64	-3.08	180
6	11	0	1	1.63	1.45	1.45	0.00	.71866	.38	.45	180
6	11	1	1	3.99	4.06	4.06	0.00	.74942	-.07	-.17	180
6	12	-7	1	7.96	7.94	-7.94	0.00	.74397	.02	.06	180
6	12	-6	1	1.98	.98	.98	0.00	.72305	.99	1.24	180
6	12	-5	1	9.01	6.40	6.40	0.00	.70841	.61	2.61	180
6	12	-4	1	5.91	5.30	5.30	0.00	.70044	.61	2.07	180
6	12	-3	1	3.05	2.39	-2.39	0.00	.69937	.66	1.29	180
6	12	-2	1	4.02	3.01	-3.01	0.00	.70522	1.01	2.96	180
6	12	-1	1	5.00	5.77	-5.77	0.00	.71784	-.77	-2.15	180
6	12	0	1	6.30	4.99	4.99	0.00	.73687	1.32	4.60	180
6	13	-6	1	7.45	6.72	6.72	0.00	.74748	.72	2.68	180
6	13	-5	1	5.58	5.01	-5.01	0.00	.74127	.56	1.60	180
6	13	-4	1	1.50	1.77	-1.77	0.00	.74159	-.27	-.25	180
6	13	-3	1	1.51	3.53	-3.53	0.00	.74845	-2.03	-1.88	180
6	13	-2	1	2.03	2.77	-2.77	0.00	.75270	-.74	-.87	180
6	13	-1	1	10.86	10.00	-10.00	0.00	.73869	.85	3.67	180
6	14	0	1	2.33	2.14	-2.14	0.00	.73109	.18	.28	180
6	14	1	1	2.38	.03	.03	0.00	.73011	2.35	3.88	180
6	14	2	1	8.48	7.80	7.80	0.00	.73576	.68	2.70	180
6	14	3	1	4.28	4.00	-4.00	0.00	.74790	.28	.68	180
6	13	-4	1	1.50	.24	-.24	0.00	.75688	1.25	1.17	180
6	13	-3	1	13.25	12.39	12.39	0.00	.73110	.86	3.90	180
6	13	-2	1	11.03	10.45	-10.45	0.00	.71124	.58	2.56	180
6	13	-1	1	1.43	.14	.14	0.00	.69782	1.29	1.26	180
6	13	0	1	7.56	8.06	8.06	0.00	.69121	-.50	-1.75	180
6	13	1	1	2.34	.83	.83	0.00	.69160	1.52	2.48	180
6	13	2	1	3.78	4.02	4.02	0.00	.69899	-.24	-.56	180
6	13	3	1	5.24	5.09	-5.09	0.00	.71316	.15	.45	180
6	13	4	1	10.06	10.02	-10.02	0.00	.73370	.05	.19	180
6	12	-4	1	3.82	3.75	-3.75	0.00	.74778	.07	.16	180
6	12	-3	1	7.59	7.46	-7.46	0.00	.71629	.13	.49	180
6	12	-2	1	2.44	.98	-.98	0.00	.69043	.22	.75	180
6	12	-1	1	6.27	6.05	-6.05	0.00	.67085	.22	.75	180
6	12	0	1	6.57	5.58	-5.58	0.00	.65812	.99	3.87	180
6	12	1	1	5.98	5.85	-5.85	0.00	.65263	.13	.48	180
6	12	2	1	8.29	8.28	-8.28	0.00	.65456	.00	.01	180

ANGLE  
STAT

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
7	-12	2	1	4.41	5.11	-5.11	0.00	.66386	-.70	-1.81	180	
7	-12	3	1	11.66	11.17	-11.17	0.00	.68022	.49	2.26	180	
7	-12	4	1	4.85	4.57	4.57	0.00	.70315	.28	.85	0	
7	-11	5	1	1.50	2.86	2.86	0.00	.73203	-1.36	-1.27	0	
7	-11	6	1	2.91	2.95	-2.95	0.00	.74574	-.04	-.07	180	
7	-11	7	1	1.45	.44	-.44	0.00	.70871	1.00	.97	180	
7	-11	8	1	6.49	6.05	6.05	0.00	.67687	.45	1.58	0	
7	-11	9	1	10.10	10.52	-10.52	0.00	.65097	-.42	-1.91	180	
7	-11	10	1	3.98	4.26	4.26	0.00	.63174	-.28	-.75	0	
7	-11	11	1	5.08	4.53	4.53	0.00	.61980	.56	1.85	0	
7	-11	12	1	1.26	.47	.47	0.00	.61559	.78	.87	0	
7	-11	13	1	1.99	.77	.77	0.00	.61925	1.22	1.96	0	
7	-11	14	1	3.49	2.72	2.72	0.00	.63065	.77	1.93	0	
7	-11	15	1	6.64	6.44	-6.44	0.00	.64938	.20	.72	180	
7	-11	16	1	4.52	3.83	3.83	0.00	.67483	.69	2.01	0	
7	-11	17	1	2.19	2.15	-2.15	0.00	.70627	.03	.05	180	
7	-11	18	1	1.48	2.91	-2.91	0.00	.74296	-1.43	-1.36	180	
7	-10	19	1	1.48	2.88	-2.88	0.00	.75080	.73	1.53	180	
7	-10	20	1	3.61	2.09	2.09	0.00	.70860	-.61	-.56	0	
7	-10	21	1	1.48	2.74	2.74	0.00	.67101	1.76	5.17	0	
7	-10	22	1	4.50	2.74	2.74	0.00	.63884	.18	.42	180	
7	-10	23	1	3.54	3.33	-3.36	0.00	.61295	.02	.09	0	
7	-10	24	1	9.66	9.64	9.64	0.00	.59416	1.03	2.86	0	
7	-10	25	1	3.65	2.62	2.62	0.00	.58316	-.42	-1.87	180	
7	-10	26	1	7.02	7.44	-7.44	0.00	.58039	1.29	2.50	0	
7	-10	27	1	2.16	.87	.87	0.00	.58597	1.23	1.35	0	
7	-10	28	1	1.28	.05	.05	0.00	.59966	1.64	3.16	0	
7	-10	29	1	2.19	.54	.54	0.00	.62093	-.31	-1.67	0	
7	-10	30	1	16.73	17.04	17.04	0.00	.64903	-.41	-.43	180	
7	-10	31	1	1.38	1.78	-1.78	0.00	.68313	1.09	1.10	180	
7	-10	32	1	1.39	.29	-.29	0.00	.72236	-.96	-.86	0	
7	-10	33	1	1.56	2.52	2.52	0.00	.71595	1.15	4.91	0	
7	-9	34	1	9.73	8.58	8.58	0.00	.67304	.10	.13	180	
7	-9	35	1	1.71	1.61	-1.61	0.00	.63490	.19	.69	0	
7	-9	36	1	5.96	5.77	5.77	0.00	.60245	1.04	1.12	0	
7	-9	37	1	1.31	.26	.26	0.00	.57666	.07	.43	180	
7	-9	38	1	16.83	16.76	-16.76	0.00	.55843	.22	1.01	180	
7	-9	39	1	6.81	6.59	-6.59	0.00	.54739	-.14	-.57	180	
7	-9	40	1	5.85	5.99	-5.99	0.00	.55510	2.15	5.32	0	
7	-9	41	1	1.25	1.71	-1.71	0.00	.57127	-.23	-1.35	0	
7	-9	42	1	2.88	.73	.73	0.00	.62608	1.93	3.00	0	
7	-9	43	1	17.77	18.00	18.00	0.00	.70464	1.10	1.11	0	
7	-9	44	1	11.79	11.66	11.66	0.00	.73054	-.50	-.72	180	
7	-9	45	1	1.95	.02	.02	0.00	.68289	.20	.68	0	
7	-9	46	1	1.39	2.02	-2.02	0.00	.63931	1.84	4.59	0	
7	-9	47	1	2.21	.85	.85	0.00	.60069	-.43	-1.76	180	
7	-9	48	1	2.10	2.77	2.77	0.00	.56804	-.59	-.63	180	
7	-8	49	1	2.27	2.77	2.77	0.00	.54243	-.14	-.74	180	
7	-8	50	1	6.21	6.01	6.01	0.00	.52491	-1.86	-2.22	180	
7	-8	51	1	3.53	1.68	1.68	0.00					
7	-8	52	1	7.37	7.80	-7.80	0.00					
7	-8	53	1	1.31	1.90	-1.90	0.00					
7	-8	54	1	11.83	11.97	-11.97	0.00					
7	-8	55	1	1.35	3.21	-3.21	0.00					

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DI	ANGLE CALC	ANGLE STAT
7	-8	-1	1	4.96	5.74	-5.74	0.00	.51628	-.78	-2.77	180	
7	-8	0	1	9.42	9.72	9.72	0.00	.51701	-.30	-1.61	180	
7	-8	1	1	1.19	1.03	-1.03	0.00	.52705	.16	.18	180	
7	-8	2	1	6.74	6.53	6.53	0.00	.54588	.21	.96	0	
7	-8	3	1	6.13	6.08	-6.08	0.00	.57264	.04	.19	180	
7	-8	4	1	12.94	13.09	-13.09	0.00	.60629	-.15	-.77	180	
7	-8	5	1	7.13	7.59	-7.59	0.00	.64574	-.46	-1.78	180	
7	-8	6	1	3.71	2.19	-2.19	0.00	.69000	1.52	4.02	180	
7	-8	7	1	12.82	13.02	13.02	0.00	.73820	-.20	-.84	180	
7	-7	-9	1	3.13	3.89	3.89	0.00	.75194	-.76	-1.31	0	
7	-7	-8	1	5.36	5.54	5.54	0.00	.70024	-.16	-.47	0	
7	-7	-7	1	1.36	.47	.47	0.00	.65190	.91	.92	0	
7	-7	-6	1	4.68	4.39	-4.39	0.00	.60773	.29	.95	180	
7	-7	-5	1	1.29	.53	-.53	0.00	.56871	.76	.82	180	
7	-7	-4	1	4.25	4.96	4.96	0.00	.53597	-.72	-2.35	0	
7	-7	-3	1	7.37	7.64	7.64	0.00	.51070	-.26	-1.28	0	
7	-7	-2	1	1.87	2.47	2.47	0.00	.49406	-.60	-1.06	0	
7	-7	-1	1	4.48	3.06	3.06	0.00	.48693	1.42	5.67	0	
7	-7	0	1	6.34	6.35	6.35	0.00	.48973	-.01	-.07	0	
7	-7	1	1	11.73	12.23	-12.23	0.00	.50230	-.51	-3.00	180	
7	-7	2	1	8.92	6.87	-8.87	0.00	.52393	.05	.25	180	
7	-7	3	1	10.63	10.58	-10.58	0.00	.55355	.06	.31	180	
7	-7	4	1	4.38	3.64	3.64	0.00	.58997	.74	2.54	0	
7	-7	5	1	1.31	.59	.59	0.00	.63202	.72	.77	0	
7	-7	6	1	4.37	4.45	4.45	0.00	.67864	-.08	-.21	0	
7	-7	7	1	1.66	2.86	2.86	0.00	.72896	-1.20	-1.19	0	
7	-6	-9	1	1.48	2.94	-2.94	0.00	.72454	-1.46	-1.39	180	
7	-6	-8	1	1.40	.68	-.68	0.00	.67220	.72	.72	180	
7	-6	-7	1	4.76	5.20	-5.20	0.00	.62328	-.44	-1.40	180	
7	-6	-6	1	4.65	5.03	5.03	0.00	.57865	-.38	-1.37	0	
7	-6	-5	1	4.25	4.68	-4.68	0.00	.53937	-.42	-1.43	180	
7	-6	-4	1	10.20	9.85	9.85	0.00	.50669	.35	2.06	0	
7	-6	-3	1	3.24	3.17	3.17	0.00	.48194	.07	.23	0	
7	-6	-2	1	3.67	4.53	-4.53	0.00	.46641	-.86	-2.93	180	
7	-6	-1	1	6.59	6.69	-6.69	0.00	.44101	-.10	-.53	180	
7	-6	0	1	5.88	6.04	6.04	0.00	.46611	-.15	-.73	0	
7	-6	1	1	7.72	8.49	8.49	0.00	.48136	-.77	-4.03	0	
7	-6	2	1	3.83	2.97	2.97	0.00	.50586	.86	2.94	0	
7	-6	3	1	3.66	4.26	-4.26	0.00	.53833	-.59	-1.80	180	
7	-6	4	1	4.08	4.77	4.77	0.00	.57744	-.69	-2.15	0	
7	-6	5	1	6.43	6.12	6.12	0.00	.62193	.31	1.23	0	
7	-6	6	1	5.09	5.24	5.24	0.00	.67074	-.14	-.44	0	
7	-6	7	1	2.07	1.73	-1.73	0.00	.72299	.34	.47	180	
7	-5	-10	1	1.62	1.50	-1.50	0.00	.75512	.32	.36	180	
7	-5	-9	1	4.69	3.56	-3.56	0.00	.69955	1.13	3.34	180	
7	-5	-8	1	1.82	.61	.61	0.00	.64673	1.22	1.64	180	
7	-5	-7	1	10.45	10.46	-10.46	0.00	.59739	-.01	-.04	180	
7	-5	-6	1	9.72	9.97	9.97	0.00	.55246	-.24	-1.28	0	
7	-5	-5	1	4.59	3.67	3.67	0.00	.51311	.92	3.52	0	
7	-5	-4	1	2.79	1.12	1.12	0.00	.48071	1.68	5.00	0	
7	-5	-3	1	6.60	6.22	-6.22	0.00	.45673	.38	1.93	180	
7	-5	-2	1	3.91	3.76	-3.76	0.00	.44256	.15	.57	180	
7	-5	-1	1	16.07	16.48	-16.48	0.00	.43914	-.41	-2.89	180	

H	K	L	GNP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
7	-5	0	1	8.63	9.44	-9.44	0.00	.44671	-.61	-4.69	180
7	-5	1	1	17.50	17.66	17.66	0.00	.46475	-.16	-1.08	0
7	-5	2	1	14.13	14.83	-14.83	0.00	.49210	-.70	-4.47	180
7	-5	3	1	6.26	6.14	6.14	0.00	.52731	.13	.62	0
7	-5	4	1	2.90	2.30	2.30	0.00	.56893	.60	1.55	0
7	-5	5	1	8.12	8.10	-8.10	0.00	.61565	.02	.10	180
7	-5	6	1	5.24	5.77	-5.77	0.00	.66641	-.54	-1.68	180
7	-5	7	1	11.88	12.14	12.14	0.00	.72036	-.26	-1.13	0
7	-4	-10	1	1.46	.93	-.93	0.00	.73316	.53	.51	180
7	-4	-9	1	1.35	1.31	1.31	0.00	.67725	.04	.04	0
7	-4	-8	1	3.60	3.57	-3.57	0.00	.62413	.03	.08	180
7	-4	-7	1	11.58	11.79	11.79	0.00	.57458	-.21	-1.15	0
7	-4	-6	1	26.04	25.93	25.93	0.00	.52959	.11	.59	0
7	-4	-5	1	7.30	7.39	-7.39	0.00	.49043	-.09	-.50	180
7	-4	-4	1	1.17	.04	.04	0.00	.45859	1.12	1.35	0
7	-4	-3	1	17.46	17.97	-17.97	0.00	.43568	-.51	-3.65	180
7	-4	-2	1	2.68	.30	-.30	0.00	.42316	2.38	7.54	180
7	-4	-1	1	7.33	8.35	8.35	0.00	.42194	-1.02	-5.87	0
7	-4	0	1	3.69	4.49	4.49	0.00	.43212	-.81	-2.88	0
7	-4	1	1	8.35	9.28	-9.28	0.00	.45294	-.93	-5.58	180
7	-4	2	1	1.31	1.50	1.50	0.00	.48302	-.20	-.26	0
7	-4	3	1	9.29	9.51	-9.51	0.00	.52076	-.22	-1.15	180
7	-4	4	1	11.38	11.30	-11.30	0.00	.56462	.08	.45	180
7	-4	5	1	2.83	3.19	3.19	0.00	.61330	-.36	-.82	0
7	-4	6	1	3.47	2.65	-2.65	0.00	.66573	.82	1.96	180
7	-4	7	1	15.79	15.77	-15.77	0.00	.72111	.02	.10	180
7	-3	-10	1	1.40	.37	.37	0.00	.71394	1.03	1.03	0
7	-3	-9	1	3.87	2.92	2.92	0.00	.65790	.95	2.73	0
7	-3	-8	1	3.20	2.26	2.26	0.00	.60473	.94	2.37	0
7	-3	-7	1	1.19	1.03	-1.03	0.00	.55523	.15	.18	180
7	-3	-6	1	1.23	2.00	2.00	0.00	.51049	-.77	-.86	0
7	-3	-5	1	4.49	4.97	-4.97	0.00	.47185	-.48	-1.95	180
7	-3	-4	1	3.09	3.47	-3.47	0.00	.44092	-.38	-1.16	180
7	-3	-3	1	4.76	4.48	-4.48	0.00	.41942	.28	1.31	180
7	-3	-2	1	15.65	16.33	16.33	0.00	.40883	-.68	-5.05	0
7	-3	-1	1	33.07	34.17	34.17	0.00	.40999	-1.10	-4.28	0
7	-3	0	1	26.50	27.53	27.53	0.00	.42282	-1.03	-4.51	0
7	-3	1	1	8.30	8.34	8.34	0.00	.44631	-.03	-.20	0
7	-3	2	1	13.54	13.92	-13.92	0.00	.47888	-.38	-2.43	180
7	-3	3	1	5.89	6.16	-6.16	0.00	.51884	-.27	-1.19	180
7	-3	4	1	21.19	21.25	-21.25	0.00	.56462	-.05	-.33	180
7	-3	5	1	2.57	1.84	1.84	0.00	.61491	.72	1.54	0
7	-3	6	1	2.34	1.09	1.09	0.00	.66871	1.25	2.14	0
7	-2	-11	1	1.49	.38	.38	0.00	.69769	.34	.32	0
7	-2	-10	1	8.04	7.72	-7.72	0.00	.64178	2.48	4.75	0
7	-2	-9	1	6.23	6.56	6.56	0.00	.75590	.34	.32	0
7	-2	-8	1	9.14	9.15	-9.15	0.00	.58884	-.33	-1.37	180
7	-2	-7	1	32.60	33.98	-33.98	0.00	.53973	-.01	-.05	180
7	-2	-6	1	3.07	3.94	3.94	0.00	.49559	-1.37	-5.45	180
7	-2	-5	1	11.91	12.65	-12.65	0.00	.45786	-.86	-2.68	0
7	-2	-4	1	9.69	9.94	9.94	0.00	.42825	-.74	-5.01	180
7	-2	-3	1				0.00	.40851	-.25	-1.64	0

ANGLE  
STAT

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
7	-2	-2	1	34.48	36.48	36.48	0.00	.40012	-2.00	-6.51	0	
7	-2	-1	1	6.69	6.85	6.85	0.00	.40378	-.16	-.90	0	
7	-2	0	1	29.36	30.47	-30.47	0.00	.41916	-1.12	-4.97	180	
7	-2	1	1	19.70	20.11	20.11	0.00	.44509	-.42	-2.60	0	
7	-2	2	1	3.00	1.37	-1.37	0.00	.47983	1.63	4.92	180	
7	-2	3	1	1.28	.52	.52	0.00	.52162	.76	.92	0	
7	-2	4	1	4.52	4.90	4.90	0.00	.56892	-.38	-1.30	0	
7	-2	5	1	9.03	9.18	9.18	0.00	.62047	-.14	-.65	180	
7	-2	6	1	4.82	4.30	-4.30	0.00	.67529	.52	1.49	0	
7	-2	7	1	9.78	9.97	9.97	0.00	.73266	-.19	-.75	0	
7	-1	-11	1	2.44	.00	-.00	0.00	.74252	2.44	4.08	180	
7	-1	-10	1	3.06	2.02	2.02	0.00	.68462	1.04	2.30	0	
7	-1	-9	1	4.47	4.33	-4.33	0.00	.62914	.15	.47	180	
7	-1	-8	1	6.20	6.62	6.62	0.00	.57675	-.42	-1.75	0	
7	-1	-7	1	1.78	2.11	-2.11	0.00	.52840	-.33	-.57	180	
7	-1	-6	1	2.30	2.63	2.63	0.00	.48528	-.33	-.72	0	
7	-1	-5	1	15.59	16.94	-16.94	0.00	.44890	-1.34	-9.26	180	
7	-1	-4	1	2.73	3.47	-3.47	0.00	.42102	-.74	-2.17	180	
7	-1	-3	1	3.72	3.30	-3.30	0.00	.40340	.42	1.73	180	
7	-1	-2	1	24.24	25.12	-25.12	0.00	.39740	-.87	-4.45	180	
7	-1	-1	1	1.35	1.82	-1.82	0.00	.40356	-.47	-.76	180	
7	-1	0	1	6.35	6.49	6.49	0.00	.42133	-.14	-.75	0	
7	-1	1	1	27.23	28.52	-28.52	0.00	.44933	-1.29	-5.38	180	
7	-1	2	1	15.03	15.07	15.07	0.00	.48581	-.04	-.27	0	
7	-1	3	1	20.96	21.42	21.42	0.00	.52901	-.45	-2.65	0	
7	-1	4	1	3.71	3.90	3.90	0.00	.57743	-.19	-.54	0	
7	-1	5	1	4.61	4.03	-4.03	0.00	.62986	.58	1.80	180	
7	-1	6	1	8.83	8.87	-8.87	0.00	.68538	.85	2.49	180	
7	-1	7	1	8.83	8.87	8.87	0.00	.74330	-.04	-.17	0	
7	0	-11	1	2.91	1.76	1.76	0.00	.73223	1.16	2.14	0	
7	0	-10	1	2.45	1.71	1.71	0.00	.67493	.74	1.31	0	
7	0	-9	1	5.06	5.05	5.05	0.00	.62018	.01	.02	0	
7	0	-8	1	2.52	3.72	3.72	0.00	.56872	-1.20	-2.42	0	
7	0	-7	1	1.49	1.75	1.75	0.00	.52152	-.26	-.36	0	
7	0	-6	1	13.63	14.42	14.42	0.00	.47985	-.78	-5.03	0	
7	0	-5	1	12.22	12.44	12.44	0.00	.44527	-.23	-1.52	0	
7	0	-4	1	9.32	9.61	-9.61	0.00	.41952	-.29	-1.96	180	
7	0	-3	1	11.50	12.35	12.35	0.00	.40429	-.84	-5.90	0	
7	0	-2	1	30.32	32.11	-32.11	0.00	.40080	-1.80	-7.12	180	
7	0	-1	1	1.09	2.28	-2.28	0.00	.40934	-1.19	-1.53	180	
7	0	0	1	5.65	5.07	5.07	0.00	.42919	.57	2.99	0	
7	0	1	1	18.41	18.67	18.67	0.00	.45888	-.26	-1.72	0	
7	0	2	1	8.45	8.75	-8.75	0.00	.49666	-.30	-1.70	180	
7	0	3	1	3.87	3.57	-3.57	0.00	.54083	.30	.98	180	
7	0	4	1	4.33	3.84	-3.84	0.00	.58996	.49	1.58	180	
7	0	5	1	1.35	.02	.02	0.00	.64292	1.33	1.38	0	
7	0	6	1	3.17	3.13	3.13	0.00	.69882	.04	.06	0	
7	0	7	1	2.84	1.59	1.59	0.00	.75703	1.25	2.16	0	
7	-11	1	L	4.43	4.11	-4.11	0.00	.72517	.32	.81	180	
7	-10	1	L	4.06	4.02	-4.02	0.00	.66875	.05	.12	180	
7	-9	1	L	3.35	2.60	-2.60	0.00	.61506	.75	2.00	0	
7	-8	1	L	9.49	9.08	-9.08	0.00	.56490	.41	2.20	0	
7	-7	1	L	10.27	10.60	10.60	0.00	.51927	-.33	-1.89	0	

H	K	L	GRP	FU	FC	A	B	SINHT/LM	DF	W*DF	ANGLE CALC
7	1	-6	1	16.66	17.99	-17.99	0.00	.47948	-1.33	-8.79	180
7	1	-5	1	3.63	3.79	3.79	0.00	.44709	-.16	-.59	0
7	1	-4	1	9.89	10.72	10.72	0.00	.42381	-.82	-5.36	0
7	1	-3	1	10.09	2.17	-2.17	0.00	.41116	-1.08	-1.38	180
7	1	-2	1	10.75	10.94	-10.94	0.00	.41016	-.19	-1.31	180
7	1	-1	1	20.24	21.28	21.28	0.00	.42087	-1.05	-6.44	0
7	1	0	1	8.97	9.41	-9.41	0.00	.44245	-.44	-2.66	180
7	1	1	1	9.10	9.29	9.29	0.00	.47341	-.19	-1.12	0
7	1	2	1	3.36	2.49	-2.49	0.00	.51206	.86	2.79	180
7	1	3	1	6.13	5.66	-5.66	0.00	.55680	.46	2.07	180
7	1	4	1	3.36	3.83	3.83	0.00	.60627	.46	2.07	180
7	1	5	1	2.15	.50	-.50	0.00	.65942	-.46	-1.17	0
7	1	6	1	7.33	6.64	-6.64	0.00	.71543	.69	2.61	180
7	1	-11	1	3.78	3.33	-3.33	0.00	.72143	.45	1.07	180
7	1	-10	1	7.34	7.70	7.70	0.00	.66618	-.36	-1.42	0
7	1	-9	1	1.67	.87	.87	0.00	.61389	.79	1.06	0
7	1	-8	1	8.95	8.97	-8.97	0.00	.56538	-.02	-.12	180
7	1	-7	1	1.59	2.23	-2.23	0.00	.52170	-.63	-.97	180
7	1	-6	1	3.80	4.24	4.24	0.00	.48417	-.44	-1.64	0
7	1	-5	1	31.31	32.97	-32.97	0.00	.45431	-1.67	-6.05	180
7	1	-4	1	10.37	10.74	-10.74	0.00	.43371	-.37	-2.49	180
7	1	-3	1	6.96	7.32	7.32	0.00	.42372	-.35	-2.04	0
7	1	-2	1	13.97	14.72	14.72	0.00	.42509	-.75	-5.41	0
7	1	-1	1	3.79	4.03	4.03	0.00	.43771	-.25	-.93	0
7	1	0	1	7.47	7.35	7.35	0.00	.46066	.12	.69	0
7	1	1	1	9.30	9.86	-9.86	0.00	.49249	-.56	-3.15	180
7	1	2	1	17.28	17.42	-17.42	0.00	.53162	-.15	-.92	180
7	1	3	1	7.09	7.39	-7.39	0.00	.57656	-.29	-1.32	180
7	1	4	1	6.20	5.90	5.90	0.00	.62906	.30	1.24	0
7	1	5	1	4.54	4.75	4.75	0.00	.67912	-.22	-.62	0
7	1	6	1	4.59	4.37	4.37	0.00	.73498	.22	.57	0
7	1	-11	1	12.41	11.99	11.99	0.00	.72106	.42	1.87	0
7	1	-10	1	3.57	3.43	3.43	0.00	.66727	.14	.35	0
7	1	-9	1	6.76	6.88	6.88	0.00	.61669	-.11	-.45	0
7	1	-8	1	11.04	11.14	-11.14	0.00	.57016	-.10	-.52	180
7	1	-7	1	4.02	4.45	-4.45	0.00	.52876	.43	-1.48	180
7	1	-6	1	8.25	8.57	-8.57	0.00	.49378	-.32	-1.88	180
7	1	-5	1	22.38	23.63	23.63	0.00	.46668	-1.25	-6.71	0
7	1	-4	1	1.10	.21	.21	0.00	.44886	.89	1.13	0
7	1	-3	1	2.19	2.69	2.69	0.00	.44147	-.50	-1.19	0
7	1	-2	1	7.65	7.73	7.73	0.00	.44502	-.04	-.24	0
7	1	-1	1	1.23	2.03	-2.03	0.00	.45926	-.79	-1.12	180
7	1	0	1	16.75	17.22	-17.22	0.00	.46324	-.47	-3.16	180
7	1	1	1	11.61	11.51	-11.51	0.00	.51561	.10	.59	180
7	1	2	1	7.99	7.96	-7.96	0.00	.55490	.03	.13	180
7	1	3	1	1.89	.04	-.04	0.00	.59975	1.85	2.95	180
7	1	4	1	7.34	6.94	6.94	0.00	.64901	.40	1.71	0
7	1	5	1	3.18	3.10	3.10	0.00	.70176	.08	.17	0
7	1	6	1	1.43	.12	-.12	0.00	.75725	1.31	1.29	180
7	1	-11	1	2.75	1.89	-1.89	0.00	.72407	.86	1.55	180
7	1	-10	1	1.40	.50	-.50	0.00	.67200	.90	.90	180
7	1	-9	1	1.32	.48	-.48	0.00	.62339	.84	.90	0
7	1	-8	1	2.26	.99	-.99	0.00	.57912	1.27	2.66	180

ANGLE  
STAT

H	K	L	GRP	FC	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
7	4	-7	1	7.93	8.72	8.72	0.00	.54026	-.79	-3.84	0
7	4	-6	1	6.91	6.35	6.35	0.00	.50804	.56	2.90	0
7	4	-5	1	13.04	13.31	13.31	0.00	.48379	-.27	-1.73	0
7	4	-4	1	2.93	2.84	-2.84	0.00	.46875	.09	.28	180
7	4	-3	1	9.31	9.93	9.93	0.00	.46382	-.62	-3.80	0
7	4	-2	1	7.03	7.46	7.46	0.00	.46933	-.43	-2.33	0
7	4	-1	1	19.70	20.50	-20.50	0.00	.48490	-.80	-4.66	180
7	4	0	1	1.12	1.14	-1.14	0.00	.50963	-.02	-.03	180
7	4	1	1	1.84	.42	.42	0.00	.54225	1.41	2.61	0
7	4	2	1	7.79	8.22	8.22	0.00	.58145	-.43	-2.03	0
7	4	3	1	4.49	4.09	4.09	0.00	.62599	.40	1.31	0
7	4	4	1	8.30	7.87	7.87	0.00	.67480	.43	1.84	0
7	4	5	1	4.94	3.78	-3.78	0.00	.72704	.43	3.80	180
7	4	-11	1	13.43	13.28	-13.28	0.00	.73041	1.15	.68	180
7	4	-10	1	9.20	8.75	-8.75	0.00	.68029	.44	1.97	180
7	4	-9	1	3.88	3.45	-3.45	0.00	.63389	.43	1.27	180
7	4	-8	1	6.08	6.77	6.77	0.00	.59209	-.69	-2.67	0
7	4	-7	1	3.98	3.73	-3.73	0.00	.55592	.25	.84	180
7	4	-6	1	2.21	2.36	2.36	0.00	.52655	-.15	-.33	0
7	4	-5	1	2.24	.87	-.87	0.00	.50516	1.38	3.19	180
7	4	-4	1	6.52	7.08	-7.08	0.00	.49280	-.56	-2.86	180
7	4	-3	1	2.09	.34	-.34	0.00	.49015	1.75	3.92	180
7	4	-2	1	2.84	3.51	3.51	0.00	.49736	-.67	-2.06	0
7	4	-1	1	7.61	8.04	8.04	0.00	.51402	-.43	-2.24	0
7	4	0	1	5.56	5.78	5.78	0.00	.53925	-.21	-.90	0
7	4	1	1	6.65	6.31	-6.31	0.00	.57193	.33	1.42	180
7	4	2	1	5.60	5.27	5.27	0.00	.61085	.33	1.28	0
7	4	3	1	3.86	4.21	-4.21	0.00	.65490	-.35	-.92	180
7	4	4	1	8.71	8.98	-8.98	0.00	.70312	-.27	-1.09	180
7	4	5	1	1.48	.05	.05	0.00	.75472	1.43	1.35	0
7	4	-11	1	3.48	3.24	3.24	0.00	.74000	.24	.54	0
7	4	-10	1	3.67	4.09	4.09	0.00	.69201	-.43	-1.00	0
7	4	-9	1	2.11	.35	.35	0.00	.64799	1.76	3.03	0
7	4	-8	1	2.51	2.61	-2.61	0.00	.60879	-.10	-.20	180
7	4	-7	1	2.03	1.60	1.60	0.00	.57541	.43	.78	0
7	4	-6	1	10.97	11.41	-11.41	0.00	.54890	-.44	-2.51	180
7	4	-5	1	12.32	12.46	-12.46	0.00	.53029	-.14	-.82	180
7	4	-4	1	9.26	9.23	9.23	0.00	.52044	.03	.16	0
7	4	-3	1	6.88	7.53	7.53	0.00	.51985	-.65	-3.17	0
7	4	-2	1	2.18	1.09	-1.09	0.00	.52853	1.09	2.39	180
7	4	-1	1	6.83	7.23	7.23	0.00	.54606	-.40	-1.91	0
7	4	0	1	2.04	1.25	-1.25	0.00	.57162	.79	1.58	180
7	4	1	1	10.83	11.04	-11.04	0.00	.60418	-.21	-1.08	180
7	4	2	1	9.95	10.18	10.18	0.00	.64270	-.23	-1.04	0
7	4	3	1	11.21	10.57	-10.57	0.00	.68615	.64	2.98	180
7	4	4	1	3.50	3.68	-3.68	0.00	.73368	-.18	-.41	180
7	4	-11	1	7.12	7.50	7.50	0.00	.75271	-.38	-1.26	0
7	4	-10	1	3.53	2.97	2.97	0.00	.70700	.57	1.27	0
7	4	-9	1	4.55	3.57	3.57	0.00	.66546	.98	3.17	0
7	4	-8	1	9.03	9.31	9.31	0.00	.62894	-.28	-1.32	0
7	4	-7	1	16.09	16.25	-16.25	0.00	.59835	-.16	-.86	180
7	4	-6	1	10.59	10.34	-10.34	0.00	.57463	.25	1.35	180
7	4	-5	1	3.77	3.68	3.68	0.00	.55867	.09	.29	0

ANGLE  
STAT



H	K	L	GRP	FU	FC	A	B	SINH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
7	7	-4	1	0.35	6.40	6.40	0.00	.55113	-.05	-.22	0	
7	7	-3	1	2.99	.57	.57	0.00	.55237	2.42	6.66	0	
7	7	-2	1	13.85	14.31	14.31	0.00	.56232	-.47	-2.67	0	
7	7	-1	1	1.34	.60	.60	0.00	.58054	.74	.82	0	
7	7	0	1	1.29	.41	-.41	0.00	.60628	.88	.96	180	
7	7	1	1	1.40	1.11	1.11	0.00	.63864	.29	.32	0	
7	7	2	1	3.75	2.75	2.75	0.00	.67665	1.01	2.72	180	
7	7	3	1	5.27	4.85	4.85	0.00	.71944	.42	1.22	0	
7	7	4	1	1.43	1.20	1.20	0.00	.72504	.23	.22	0	
7	7	5	1	6.05	6.14	-6.14	0.00	.66605	-.09	-.33	180	
7	7	6	1	8.11	8.83	-8.83	0.00	.65221	-.71	-3.01	180	
7	7	7	1	1.32	1.70	-1.70	0.00	.62436	-.38	-.40	180	
7	7	8	1	2.22	.18	-.18	0.00	.60331	2.04	3.94	180	
7	7	9	1	4.90	4.33	4.33	0.00	.58982	.56	1.99	0	
7	7	10	1	8.39	8.96	8.96	0.00	.58439	-.57	-2.74	0	
7	7	11	1	1.21	.60	-.60	0.00	.58725	.61	.71	180	
7	7	12	1	10.05	10.42	-10.42	0.00	.59828	-.37	-1.86	180	
7	7	13	1	5.26	5.17	-5.17	0.00	.61705	.09	.33	180	
7	7	14	1	2.04	1.94	-1.94	0.00	.64287	.10	.16	180	
7	7	15	1	9.35	8.84	8.84	0.00	.67494	.50	2.24	0	
7	7	16	1	1.41	1.26	-1.26	0.00	.71242	.15	.15	180	
7	7	17	1	6.48	6.83	6.83	0.00	.75450	-.35	-1.10	0	
7	7	18	1	2.28	.90	-.90	0.00	.74593	1.38	2.08	180	
7	7	19	1	3.63	3.78	3.78	0.00	.70949	-.15	-.35	0	
7	7	20	1	5.73	6.69	-6.69	0.00	.67829	-.96	-3.07	180	
7	7	21	1	3.09	2.50	2.50	0.00	.65307	.59	1.39	0	
7	7	22	1	10.62	10.57	10.57	0.00	.63455	.05	.23	0	
7	7	23	1	6.35	6.37	-6.37	0.00	.62333	-.02	-.07	180	
7	7	24	1	4.33	4.93	4.93	0.00	.61980	-.60	-1.80	0	
7	7	25	1	8.04	7.70	-7.70	0.00	.62409	.34	1.54	180	
7	7	26	1	13.38	12.90	-12.90	0.00	.63605	.49	2.52	180	
7	7	27	1	13.01	13.18	-13.18	0.00	.65525	-.16	-.80	180	
7	7	28	1	6.13	5.86	5.86	0.00	.68108	.26	.95	0	
7	7	29	1	5.29	5.93	-5.93	0.00	.71283	-.65	-2.03	180	
7	7	30	1	7.68	7.64	7.64	0.00	.74974	.04	.15	0	
7	7	31	1	1.86	2.87	-2.87	0.00	.73550	-.04	-.15	180	
7	7	32	1	4.53	4.43	4.43	0.00	.70686	1.01	1.18	0	
7	7	33	1	8.03	8.32	8.32	0.00	.68415	.10	.28	0	
7	7	34	1	2.39	1.65	1.65	0.00	.66798	-.29	-1.19	0	
7	7	35	1	3.41	1.46	1.46	0.00	.65884	.74	1.29	0	
7	7	36	1	10.59	10.26	-10.26	0.00	.65701	1.94	4.97	0	
7	7	37	1	1.79	.12	-.12	0.00	.66256	.34	1.61	180	
7	7	38	1	10.99	11.07	11.07	0.00	.67531	1.68	2.30	0	
7	7	39	1	2.81	2.23	-2.23	0.00	.69486	-.07	-.33	0	
7	7	40	1	1.65	1.91	-1.91	0.00	.72065	.57	1.17	180	
7	7	41	1	3.21	2.76	2.76	0.00	.75205	-.26	-.30	180	
7	7	42	1	6.84	7.41	-7.41	0.00	.73763	.46	.95	0	
7	7	43	1	1.34	1.61	-1.61	0.00	.71728	-.57	-2.28	180	
7	7	44	1	4.14	3.73	3.73	0.00	.70329	.41	1.15	0	
7	7	45	1	7.94	8.18	8.18	0.00	.69604	-.25	-.98	0	
7	7	46	1	2.02	.39	.39	0.00	.69574	1.62	2.57	0	
7	7	47	1	2.81	3.52	3.52	0.00	.70241	-.72	-1.32	0	
7	7	48	1	2.06	1.33	-1.33	0.00	.71583	.73	1.09	180	

H	K	L	GRP	FC	FC	A	B	SINHL/LM	DF	W*DF	ANGLE CALC
7	11	-1	1	9.02	8.87	8.87	0.00	.73565	.15	.60	0
7	12	-7	1	9.06	6.88	-8.88	0.00	.75220	.20	.77	180
7	12	-6	1	1.80	1.37	1.37	0.00	.74022	.43	.52	0
7	12	-5	1	4.23	3.96	-3.96	0.00	.73469	.27	.70	180
7	12	-4	1	2.34	3.86	3.86	0.00	.73575	.27	.70	0
7	12	-3	1	4.60	4.30	4.30	0.00	.74339	.29	.77	0
7	12	-2	1	2.36	1.94	-1.94	0.00	.75740	.42	.63	180
8	-14	0	1	6.07	5.82	-5.82	0.00	.75673	.25	.75	180
8	-13	-3	1	4.15	1.38	1.38	0.00	.75148	.27	.75	0
8	-13	-2	1	8.70	8.02	-8.02	0.00	.73428	.68	2.62	180
8	-13	-1	1	1.43	.60	-.60	0.00	.72341	.83	.82	180
8	-13	0	1	6.52	6.17	-6.17	0.00	.71918	.35	1.26	180
8	-13	1	1	1.76	.28	-.28	0.00	.72169	.48	1.73	180
8	-13	2	1	3.49	3.52	3.52	0.00	.73087	-.03	-.07	0
8	-13	3	1	8.35	8.25	8.25	0.00	.74649	.10	.38	0
8	-12	-4	1	3.14	3.96	3.96	0.00	.73589	-.82	-1.53	0
8	-12	-3	1	7.06	7.28	-7.28	0.00	.71290	-.22	-.78	180
8	-12	-2	1	1.38	.68	.68	0.00	.68616	.71	.72	0
8	-12	-1	1	1.37	.08	-.08	0.00	.68614	1.29	1.32	180
8	-12	0	1	3.55	2.79	-2.79	0.00	.68313	.76	1.89	180
8	-12	1	1	3.28	2.45	-2.45	0.00	.68722	.83	1.86	180
8	-12	2	1	1.38	1.47	1.47	0.00	.69829	-.09	-.09	0
8	-12	3	1	6.56	6.47	-6.47	0.00	.71601	.09	.30	180
8	-12	4	1	1.44	.79	-.79	0.00	.73990	.65	.63	180
8	-11	-5	1	1.40	.18	.18	0.00	.72730	1.22	1.22	0
8	-11	-4	1	4.31	4.79	4.79	0.00	.69851	-.48	-1.22	0
8	-11	-3	1	2.28	1.17	1.17	0.00	.67572	1.11	1.88	0
8	-11	-2	1	6.07	6.31	6.31	0.00	.65955	-.24	-.84	0
8	-11	-1	1	3.26	3.45	3.45	0.00	.65049	-.19	-.42	0
8	-11	0	1	4.23	4.09	-4.09	0.00	.64884	.15	.41	180
8	-11	1	1	4.75	4.49	-4.49	0.00	.65467	.26	.85	180
8	-11	2	1	2.13	2.60	2.60	0.00	.66776	-.47	-.70	0
8	-11	3	1	4.00	2.67	-2.67	0.00	.68772	1.33	3.98	180
8	-11	4	1	1.46	1.54	-1.54	0.00	.71396	-.08	-.08	180
8	-11	5	1	1.43	.30	.30	0.00	.74581	1.14	1.11	0
8	-10	-6	1	7.47	8.15	-8.15	0.00	.72597	-.68	-2.37	180
8	-10	-5	1	1.48	.16	-.16	0.00	.69155	1.33	1.44	180
8	-10	-4	1	1.37	1.28	1.28	0.00	.66270	.08	.08	0
8	-10	-3	1	7.71	8.12	8.12	0.00	.64019	-.40	-1.68	0
8	-10	-2	1	1.52	1.64	1.64	0.00	.62469	-.12	-.14	0
8	-10	-1	1	4.48	4.27	-4.27	0.00	.61673	.21	.67	180
8	-10	0	1	9.33	8.98	8.98	0.00	.61661	.35	1.69	0
8	-10	1	1	6.00	6.48	-6.48	0.00	.62433	-.48	-1.80	180
8	-10	2	1	1.92	1.71	1.71	0.00	.63960	.22	.33	0
8	-10	3	1	4.77	5.04	5.04	0.00	.66191	-.26	-.83	0
8	-10	4	1	2.21	2.62	-2.62	0.00	.69057	-.42	-.64	180
8	-10	5	1	3.51	2.45	-2.45	0.00	.72483	1.05	2.42	180
8	-9	-7	1	4.15	3.49	-3.49	0.00	.73194	.66	1.73	180
8	-9	-6	1	4.06	2.58	-2.58	0.00	.69224	1.48	3.92	180
8	-9	-5	1	7.20	6.37	6.37	0.00	.65757	.82	3.39	0
8	-9	-4	1	7.15	7.27	7.27	0.00	.62874	-.12	-.51	0
8	-9	-3	1	2.50	1.71	1.71	0.00	.60661	.79	1.63	180
8	-9	-2	1	1.30	1.22	-1.22	0.00	.59190	.08	.09	0

ANGLE  
STAT

H	K	L	GMP	FC	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
8	-9	-1	1	16.04	16.02	-16.02	0.00	.58520	.02	.10	180	
8	-9	0	1	6.62	6.31	-6.31	0.00	.58677	.31	1.29	180	
8	-9	1	1	2.61	2.21	-2.21	0.00	.59654	.40	.67	180	
8	-9	2	1	4.78	4.34	4.34	0.00	.61413	.44	1.50	0	
8	-9	3	1	1.65	.65	.65	0.00	.63888	1.00	1.46	0	
8	-9	4	1	5.00	6.10	6.10	0.00	.67002	-1.10	-3.32	0	
8	-9	5	1	4.83	3.15	-3.15	0.00	.70668	1.68	5.06	180	
8	-9	6	1	8.72	8.28	-8.28	0.00	.74807	.44	1.72	180	
8	-8	-8	1	1.44	.02	.02	0.00	.74503	1.42	1.38	0	
8	-8	-7	1	3.96	3.63	3.63	0.00	.70056	.33	.84	0	
8	-8	-6	1	9.34	8.98	8.98	0.00	.66049	.35	1.57	0	
8	-8	-5	1	4.26	4.13	4.13	0.00	.62564	.13	.42	0	
8	-8	-4	1	3.11	1.86	1.86	0.00	.59694	1.25	3.17	0	
8	-8	-3	1	2.58	2.28	-2.28	0.00	.57530	.30	.63	180	
8	-8	-2	1	13.46	13.53	-13.53	0.00	.56155	-.07	-.39	180	
8	-8	-1	1	3.60	3.58	-3.58	0.00	.55627	.02	.05	180	
8	-8	0	1	14.39	14.71	14.71	0.00	.55970	-.32	-1.82	0	
8	-8	1	1	3.63	2.54	2.54	0.00	.57167	1.10	3.31	0	
8	-8	2	1	6.73	5.85	5.85	0.00	.59169	.87	3.90	0	
8	-8	3	1	4.76	4.10	-4.10	0.00	.61895	.67	2.38	180	
8	-8	4	1	2.37	2.74	2.74	0.00	.65256	-.37	-.62	0	
8	-8	5	1	6.73	6.18	-6.18	0.00	.69159	.55	2.03	180	
8	-8	6	1	10.74	10.52	-10.52	0.00	.73518	.22	.90	180	
8	-7	-8	1	4.09	4.23	-4.23	0.00	.71625	-.15	-.36	180	
8	-7	-7	1	4.47	3.85	-3.85	0.00	.67136	.62	1.86	180	
8	-7	-6	1	8.72	8.59	8.59	0.00	.63100	.13	.58	0	
8	-7	-5	1	6.34	6.55	-6.55	0.00	.59610	-.21	-.86	180	
8	-7	-4	1	3.47	4.54	4.54	0.00	.56766	-1.07	-2.84	180	
8	-7	-3	1	2.58	1.94	-1.94	0.00	.54668	.63	1.41	0	
8	-7	-2	1	1.22	1.25	1.25	0.00	.53405	-.03	-.04	0	
8	-7	-1	1	7.21	7.72	7.72	0.00	.53037	-.51	-2.41	0	
8	-7	0	1	22.33	22.46	22.46	0.00	.53582	-.13	-.75	0	
8	-7	1	1	7.17	7.50	7.50	0.00	.55013	-.34	-1.52	0	
8	-7	2	1	3.82	3.65	3.65	0.00	.57263	.18	.52	0	
8	-7	3	1	8.38	8.56	-8.56	0.00	.60241	-.18	-.81	180	
8	-7	4	1	10.22	10.49	-10.49	0.00	.63845	-.26	-1.20	180	
8	-7	5	1	1.58	2.92	2.92	0.00	.67976	-1.34	-1.53	180	
8	-7	6	1	8.52	8.03	8.03	0.00	.72543	.49	1.91	0	
8	-6	-9	1	3.53	2.44	-2.44	0.00	.73883	1.09	2.51	180	
8	-6	-8	1	3.22	.94	-.94	0.00	.68981	2.27	5.27	180	
8	-6	-7	1	2.59	2.66	-2.66	0.00	.64462	-.06	-.13	180	
8	-6	-6	1	6.97	7.63	-7.63	0.00	.60413	-.66	-2.64	180	
8	-6	-5	1	9.08	9.66	-9.66	0.00	.56932	-.57	-2.84	180	
8	-6	-4	1	2.06	2.35	-2.35	0.00	.54130	-.30	-.56	180	
8	-6	-3	1	6.65	7.19	-7.19	0.00	.52117	-.53	-2.39	180	
8	-6	-2	1	7.77	8.27	8.27	0.00	.50986	-.50	-2.59	0	
8	-6	-1	1	7.14	7.32	7.32	0.00	.50797	-.18	-.86	0	
8	-6	0	1	18.34	19.09	-19.09	0.00	.51556	-.75	-4.72	180	
8	-6	1	1	8.78	9.23	9.23	0.00	.53231	-.44	-2.28	0	
8	-6	2	1	1.25	1.01	-1.01	0.00	.55732	.25	.27	180	
8	-6	3	1	6.30	5.85	5.85	0.00	.58956	.45	1.86	0	
8	-6	4	1	7.07	7.32	7.32	0.00	.62793	-.25	-1.00	0	
8	-6	5	1	7.59	7.63	7.63	0.00	.67136	-.03	-.13	0	

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
8	-6	0	1	9.92	10.13	-17.13	0.00	.71895	-.22	-.90	180
8	-5	-9	1	3.34	1.63	1.63	0.00	.71525	1.71	3.98	180
8	-5	-8	1	1.30	.29	.29	0.00	.66599	1.01	1.09	0
8	-5	-7	1	1.31	.27	.27	0.00	.62067	1.03	1.11	0
8	-5	-6	1	4.17	3.74	3.74	0.00	.58021	.43	1.36	0
8	-5	-5	1	1.24	2.06	2.06	0.00	.54570	-.81	-.92	0
8	-5	-4	1	6.78	6.86	-6.86	0.00	.51832	-.08	-.39	180
8	-5	-3	1	17.82	17.95	-17.95	0.00	.49926	-.14	-.89	180
8	-5	-2	1	10.55	10.72	10.72	0.00	.48948	-.17	-1.03	0
8	-5	-1	1	9.29	9.43	-9.43	0.00	.48953	-.14	-.77	180
8	-5	0	1	12.49	12.48	-12.48	0.00	.45942	.01	.08	180
8	-5	1	1	1.87	2.20	-2.20	0.00	.51859	-.33	-.56	180
8	-5	2	1	2.63	2.48	2.48	0.00	.54605	.14	.35	0
8	-5	3	1	6.42	6.00	6.00	0.00	.58064	.42	1.78	0
8	-5	4	1	5.59	5.23	5.23	0.00	.62116	.36	1.32	0
8	-5	5	1	1.83	2.58	2.58	0.00	.66653	-.75	-1.02	0
8	-5	5	1	1.83	2.58	2.58	0.00	.66653	-.75	-1.02	0
8	-5	0	1	2.27	1.55	-1.55	0.00	.71583	.72	1.07	180
8	-5	0	1	5.52	4.87	-4.87	0.00	.74697	.65	1.94	180
8	-4	-10	1	3.61	3.57	3.57	0.00	.69440	.04	.09	0
8	-4	-9	1	1.35	1.23	1.23	0.00	.64508	.13	.13	0
8	-4	-8	1	3.29	3.20	3.20	0.00	.55984	.09	.23	0
8	-4	-7	1	10.66	11.07	11.07	0.00	.55965	-.41	-2.18	0
8	-4	-6	1	10.51	10.90	10.90	0.00	.52567	-.40	-2.21	0
8	-4	-5	1	11.42	11.96	11.96	0.00	.49919	-.54	-3.23	0
8	-4	-4	1	1.18	.00	.00	0.00	.48143	1.18	1.40	0
8	-4	-3	1	14.65	15.60	-15.60	0.00	.47338	-.95	-6.26	180
8	-4	-2	1	19.26	19.88	-19.88	0.00	.47553	-.61	-4.15	180
8	-4	-1	1	9.90	10.11	10.11	0.00	.48775	-.22	-1.27	0
8	-4	0	1	1.15	.67	-.67	0.00	.50931	.48	.58	180
8	-4	1	1	3.39	1.32	1.32	0.00	.53910	2.06	6.46	0
8	-4	2	1	11.32	10.83	10.83	0.00	.57583	.49	2.65	0
8	-4	3	1	11.83	11.86	-11.86	0.00	.61827	-.03	-.15	180
8	-4	4	1	1.33	.36	-.36	0.00	.66534	.97	1.02	180
8	-4	5	1	7.01	6.44	6.44	0.00	.71611	.57	2.11	0
8	-3	-10	1	10.63	9.30	-9.30	0.00	.72901	1.33	5.66	180
8	-3	-9	1	3.44	.90	.90	0.00	.67651	2.54	6.75	0
8	-3	-8	1	5.82	5.41	5.41	0.00	.62737	.41	1.57	0
8	-3	-7	1	10.50	10.61	10.61	0.00	.58245	-.10	-.53	0
8	-3	-6	1	6.26	6.43	-6.43	0.00	.54281	-.17	-.75	180
8	-3	-5	1	4.79	5.39	5.39	0.00	.50966	-.59	-2.26	0
8	-3	-4	1	8.52	8.83	-8.83	0.00	.48435	-.31	-1.79	180
8	-3	-3	1	3.73	3.69	3.69	0.00	.46816	.04	.16	0
8	-3	-2	1	9.34	9.58	-9.58	0.00	.46203	-.24	-1.46	180
8	-3	-1	1	4.85	4.81	4.81	0.00	.46637	.05	.20	0
8	-3	0	1	4.86	5.24	-5.24	0.00	.48089	-.39	-1.53	180
8	-3	1	1	11.56	11.77	11.77	0.00	.50472	-.21	-1.26	0
8	-3	2	1	8.54	8.31	8.31	0.00	.53661	.23	1.20	0
8	-3	3	1	1.24	2.07	2.07	0.00	.57523	-.83	-.94	0
8	-3	4	1	18.63	18.33	-18.33	0.00	.61932	.30	1.66	180
8	-3	5	1	3.16	2.58	2.58	0.00	.66780	.58	1.30	0
8	-3	6	1	1.45	2.42	-2.42	0.00	.71978	-.96	-.93	180
8	-2	-10	1	4.13	4.52	4.52	0.00	.71402	-.39	-.97	0
8	-2	-9	1	8.69	8.41	-8.41	0.00	.66183	.28	1.24	180

ANGLE  
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H	K	L	GK	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
8	-2	-8	1	6.32	6.10	6.10	0.00	.61313	.22	.85	0
8	-2	-7	1	2.80	2.72	2.72	0.00	.56884	.08	.20	0
8	-2	-6	1	11.34	11.35	-11.35	0.00	.53005	-.01	-.06	180
8	-2	-5	1	11.97	12.14	-12.14	0.00	.49805	-.17	-1.03	180
8	-2	-4	1	1.84	.78	.78	0.00	.47422	1.06	2.17	180
8	-2	-3	1	9.55	10.34	-10.34	0.00	.45983	-.78	-4.70	180
8	-2	-2	1	5.54	5.98	5.98	0.00	.45578	-.44	-2.04	0
8	-2	-1	1	18.50	19.15	19.15	0.00	.46233	-.65	-4.51	0
8	-2	0	1	15.19	15.16	15.16	0.00	.47905	.03	.21	0
8	-2	1	1	11.34	12.12	-12.12	0.00	.50494	-.78	-4.55	180
8	-2	2	1	15.03	15.05	-15.05	0.00	.53866	-.02	-.12	180
8	-2	3	1	18.19	18.43	-18.43	0.00	.57887	-.24	-1.44	180
8	-2	4	1	1.33	.84	.84	0.00	.62429	.49	.52	0
8	-2	5	1	3.76	4.15	-4.15	0.00	.67389	-.39	-.92	180
8	-2	6	1	3.10	2.69	2.69	0.00	.72680	.40	.76	0
8	-1	-11	1	5.49	4.41	4.41	0.00	.75672	1.08	3.49	0
8	-1	-10	1	9.62	9.46	9.46	0.00	.70219	.15	.67	0
8	-1	-9	1	6.85	7.07	7.07	0.00	.65057	-.22	-.87	0
8	-1	-8	1	8.11	8.35	-8.35	0.00	.60262	-.24	-1.06	180
8	-1	-7	1	9.26	9.67	-9.67	0.00	.55927	-.41	-2.18	180
8	-1	-6	1	9.26	9.71	9.71	0.00	.52167	-.45	-2.49	0
8	-1	-5	1	1.40	1.79	1.79	0.00	.49115	-.39	-.53	0
8	-1	-4	1	7.77	7.86	7.86	0.00	.46909	-.09	-.54	0
8	-1	-3	1	12.00	12.42	12.42	0.00	.45672	-.42	-2.70	0
8	-1	-2	1	7.60	8.21	-8.21	0.00	.45483	-.61	-3.39	180
8	-1	-1	1	2.57	3.94	3.94	0.00	.46354	-1.37	-3.28	0
8	-1	0	1	1.63	.55	.55	0.00	.48229	1.08	1.80	0
8	-1	1	1	2.67	2.15	-2.15	0.00	.50996	.53	1.43	180
8	-1	2	1	6.77	7.58	-7.58	0.00	.54520	-.81	-3.67	180
8	-1	3	1	6.12	5.51	-5.51	0.00	.58665	.61	2.49	180
8	-1	4	1	2.70	1.73	1.73	0.00	.63309	.97	2.05	0
8	-1	5	1	6.12	5.89	5.89	0.00	.68350	.23	.82	0
8	-1	6	1	4.27	2.58	2.58	0.00	.73707	1.69	4.49	0
8	-1	7	1	7.13	6.34	6.34	0.00	.74750	.79	2.82	0
8	-1	8	1	9.55	9.52	-9.52	0.00	.69368	.03	.14	180
8	-1	9	1	1.48	.53	.53	0.00	.64293	.95	1.11	0
8	-1	10	1	2.53	1.30	1.30	0.00	.59602	-.02	-.02	0
8	-1	11	1	1.29	3.00	3.00	0.00	.55395	-.47	-1.04	0
8	0	-7	1	1.76	2.01	-2.01	0.00	.51789	-.25	-.43	180
8	0	-6	1	8.19	9.11	9.11	0.00	.48917	-.92	-4.82	180
8	0	-5	1	1.13	.96	.96	0.00	.45894	-.84	-3.27	0
8	0	-4	1	4.41	5.25	5.25	0.00	.45922	.83	2.81	180
8	0	-3	1	3.20	2.37	-2.37	0.00	.45922	.83	2.81	180
8	0	-2	1	1.13	.51	.51	0.00	.46937	.63	.82	0
8	0	-1	1	1.60	1.09	-1.09	0.00	.49050	.51	.90	180
8	0	0	1	12.49	12.83	12.83	0.00	.51965	-.34	-1.99	0
8	0	1	1	2.76	3.52	-3.52	0.00	.55606	-.77	-1.74	180
8	0	2	1	8.34	8.56	8.56	0.00	.59842	-.22	-.97	0
8	0	3	1	7.89	8.28	8.28	0.00	.64555	-.39	-1.66	0
8	0	4	1	7.96	7.64	-7.64	0.00	.69648	.32	1.29	180
8	0	5	1	2.94	2.68	-2.68	0.00	.75045	.26	.45	180
8	0	6	1	7.12	6.21	-6.21	0.00	.74146	.92	3.39	180
8	0	7	1	3.62	3.58	-3.58	0.00	.68862	.04	.10	180

ANGLE  
STAT

H	K	L	GRP	FU	FC	A	B	SIN/H/LM	DF	W*DF	ANGLE CALC
8	1	-9	1	9.13	9.51	-9.51	0.00	.63902	-.38	-1.76	180
8	1	-8	1	4.85	4.74	-4.74	0.00	.59348	.11	.38	180
8	1	-7	1	4.48	4.44	4.44	0.00	.55301	.04	.13	0
8	1	-6	1	16.93	17.98	17.98	0.00	.51881	-1.05	-6.66	0
8	1	-5	1	11.61	11.78	-11.78	0.00	.49216	-.17	-1.07	180
8	1	-4	1	10.50	10.93	-10.93	0.00	.47435	-.43	-2.66	180
8	1	-3	1	15.34	16.33	-16.33	0.00	.46640	-.99	-6.72	180
8	1	-2	1	15.83	16.99	16.99	0.00	.46880	-1.15	-7.71	0
8	1	0	1	2.98	2.55	-2.55	0.00	.48141	.44	1.34	180
8	1	1	1	1.19	1.23	1.23	0.00	.50344	-.03	-.04	0
8	1	2	1	8.44	7.98	7.98	0.00	.53375	.46	2.43	180
8	1	3	1	4.04	3.28	-3.28	0.00	.57100	.76	2.51	180
8	1	4	1	8.21	7.63	-7.63	0.00	.61395	.58	2.68	180
8	1	5	1	2.37	.73	-.73	0.00	.66147	1.64	3.10	180
8	1	5	1	2.42	1.60	-1.60	0.00	.71266	.82	1.36	180
8	2	-11	1	2.23	2.62	-2.62	0.00	.73869	-.39	-.53	180
8	2	-10	1	1.63	1.58	-1.58	0.00	.68707	.05	.06	180
8	2	-9	1	10.63	11.36	11.36	0.00	.63891	-.54	-2.60	0
8	2	-8	1	1.28	.04	.04	0.00	.59504	1.24	1.36	0
8	2	-7	1	1.56	2.28	2.28	0.00	.55647	-.73	-1.06	0
8	2	-6	1	1.18	.79	.79	0.00	.52439	.39	.47	0
8	2	-5	1	13.52	14.31	-14.31	0.00	.50003	-.79	-4.86	180
8	2	-4	1	6.86	6.96	-6.96	0.00	.48457	-.10	-.53	180
8	2	-3	1	1.11	.62	.62	0.00	.47887	.48	.61	0
8	2	-2	1	1.11	1.73	-1.73	0.00	.48327	-.51	-.67	180
8	2	-1	1	12.31	12.25	12.25	0.00	.49750	.06	.37	0
8	2	0	1	12.97	13.22	13.22	0.00	.52077	-.25	-1.50	0
8	2	1	1	8.03	7.72	-7.72	0.00	.55192	.31	1.53	180
8	2	2	1	1.25	1.92	1.92	0.00	.58971	-.66	-.74	0
8	2	3	1	1.37	1.49	1.49	0.00	.63296	-.11	-.12	0
8	2	4	1	12.58	12.92	-12.92	0.00	.68062	-.34	-1.55	180
8	2	5	1	2.03	.47	-.47	0.00	.73182	1.56	2.06	180
8	3	-11	1	1.47	.17	-.17	0.00	.73921	1.31	1.24	180
8	3	-10	1	7.64	7.14	7.14	0.00	.68908	.51	1.95	0
8	3	-9	1	6.86	6.54	6.54	0.00	.64261	.32	1.25	0
8	3	-8	1	6.15	6.07	6.07	0.00	.60067	.09	.36	0
8	3	-7	1	1.86	2.12	-2.12	0.00	.56425	-.26	-.44	180
8	3	-6	1	19.13	19.19	-19.19	0.00	.53450	-.07	-.43	180
8	3	-5	1	6.48	6.87	-6.87	0.00	.51256	-.39	-1.69	180
8	3	-4	1	3.44	3.29	-3.29	0.00	.49949	.15	.50	180
8	3	-3	1	4.62	5.33	5.33	0.00	.49596	-.71	-2.93	0
8	3	-2	1	24.73	24.97	24.97	0.00	.50219	-.24	-1.25	0
8	3	0	1	6.40	5.94	5.94	0.00	.51783	.46	2.18	0
8	3	1	1	1.99	1.65	-1.65	0.00	.54205	.34	.69	180
8	3	2	1	3.03	2.40	-2.40	0.00	.57378	.62	1.68	180
8	3	3	1	3.91	4.67	4.67	0.00	.61185	-.77	-2.14	0
8	3	4	1	5.25	5.72	-5.72	0.00	.65515	-.47	-1.63	180
8	3	5	1	6.39	5.48	5.48	0.00	.76271	.91	3.28	0
8	4	5	1	5.15	5.44	5.44	0.00	.75374	-.29	-.83	0
8	4	-11	1	1.48	.85	-.85	0.00	.74302	.63	.59	180
8	4	-10	1	2.19	1.52	1.52	0.00	.65459	.67	1.01	0
8	4	-9	1	10.27	10.27	-10.27	0.00	.65005	-.01	-.02	180
8	4	-8	1	10.99	11.37	11.37	0.00	.61025	-.39	-1.88	0

ANGLE  
STAT

H	K	L	WRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
8	4	-7	1	11.01	11.59	-11.59	0.00	.57617	-.59	-3.02	180	
8	4	-6	1	10.21	10.50	-10.50	0.00	.54888	-.30	-1.61	180	
8	4	-5	1	8.40	8.60	8.60	0.00	.52942	-.20	-1.06	180	
8	4	-4	1	6.76	7.48	7.48	0.00	.51869	-.20	-3.44	0	
8	4	-3	1	6.29	6.83	-6.83	0.00	.51722	-.55	-2.59	180	
8	4	-2	1	6.63	5.76	-5.76	0.00	.52509	.87	4.16	180	
8	4	-1	1	6.34	6.51	-6.51	0.00	.54190	-.17	-1.71	180	
8	4	0	1	11.41	11.73	-11.73	0.00	.56685	-.32	-5.74	180	
8	4	1	1	2.91	.85	.85	0.00	.55893	2.06	5.76	0	
8	4	2	1	1.39	1.14	1.14	0.00	.63705	.25	.25	0	
8	4	3	1	4.59	4.98	4.98	0.00	.68020	-.38	-1.12	0	
8	4	4	1	9.71	9.58	9.58	0.00	.72750	.13	.51	0	
8	4	4	1	1.78	.04	.04	0.00	.75007	1.73	1.96	0	
8	4	-11	1	1.41	1.31	1.31	0.00	.70354	.10	.10	0	
8	5	-10	1	1.41	.81	.81	0.00	.66111	.54	.56	0	
8	5	-9	1	1.36	.81	.81	0.00	.62361	1.07	2.52	0	
8	5	-8	1	3.01	1.94	1.94	0.00	.62361	1.07	2.52	0	
8	5	-7	1	1.28	2.09	-2.09	0.00	.59198	-.80	-.87	180	
8	5	-6	1	12.41	12.40	12.40	0.00	.56721	.01	.04	0	
8	5	-5	1	1.18	.61	-.61	0.00	.55021	.57	.68	180	
8	5	-4	1	1.22	1.92	-1.92	0.00	.54173	-.70	-.80	180	
8	5	-3	1	3.10	3.96	3.96	0.00	.54216	-.87	-2.42	0	
8	5	-2	1	18.07	18.16	-18.16	0.00	.55148	-.08	-.51	180	
8	5	-1	1	11.25	11.27	-11.27	0.00	.56925	-.01	-.07	180	
8	5	0	1	1.24	1.75	-1.75	0.00	.59473	-.51	-.58	180	
8	5	1	1	6.35	5.78	-5.78	0.00	.62696	.57	2.41	180	
8	5	2	1	4.58	3.93	3.93	0.00	.66497	.65	2.11	0	
8	5	3	1	2.10	3.15	3.15	0.00	.70782	-1.05	-1.44	0	
8	5	4	1	3.37	4.10	-4.10	0.00	.75470	-.73	-1.37	0	
8	6	-10	1	1.38	.41	-.41	0.00	.71579	.96	.98	180	
8	6	-9	1	1.35	.65	.65	0.00	.67561	.70	.72	0	
8	6	-8	1	6.32	6.79	6.79	0.00	.64051	-.47	-1.87	0	
8	6	-7	1	1.43	3.09	3.09	0.00	.61139	-1.66	-1.83	0	
8	6	-6	1	8.66	8.91	8.91	0.00	.58912	-.24	-1.16	0	
8	6	-5	1	4.82	4.31	-4.31	0.00	.57451	.51	1.85	180	
8	6	-4	1	6.68	6.39	-6.39	0.00	.56814	.29	1.29	0	
8	6	-3	1	1.25	.96	-.96	0.00	.57029	.30	.33	180	
8	6	-2	1	1.28	1.55	1.55	0.00	.58087	-.27	-.30	0	
8	6	-1	1	11.64	11.69	11.69	0.00	.59943	-.04	-.23	0	
8	6	0	1	6.67	6.60	6.60	0.00	.62526	.08	.29	0	
8	6	1	1	9.83	8.82	-8.82	0.00	.65751	1.02	1.51	180	
8	6	2	1	11.35	10.88	-10.88	0.00	.69528	.47	2.18	180	
8	6	3	1	3.61	3.65	-3.65	0.00	.73772	-.04	-.09	180	
8	7	-10	1	6.76	5.84	-5.84	0.00	.73118	.91	3.36	0	
8	7	-9	1	2.07	2.16	-2.16	0.00	.69332	-.08	-.11	180	
8	7	-8	1	5.29	6.04	-6.04	0.00	.66068	-.74	-2.43	180	
8	7	-7	1	1.35	.32	.32	0.00	.63405	1.04	1.07	0	
8	7	-6	1	5.88	6.19	-6.19	0.00	.61423	-.31	-1.11	180	
8	7	-5	1	1.26	.11	.11	0.00	.60188	1.15	1.28	0	
8	7	-4	1	5.64	5.87	-5.87	0.00	.60117	-.23	-.84	0	
8	7	-3	1	5.79	5.29	5.29	0.00	.61284	.50	1.88	0	
8	7	-2	1	10.89	10.60	10.60	0.00	.63203	.28	1.42	0	
8	7	-1	1	4.98	4.48	-4.48	0.00	.65810	.49	1.59	180	

H	K	L	GRP	TU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
8	7	1	1	10.94	11.09	11.09	0.00	.65025	-.14	-.64	0	
8	7	2	1	8.75	8.89	-8.89	0.00	.72768	-.14	-.53	180	
8	8	-10	1	4.70	3.79	3.79	0.00	.74952	.91	2.50	0	
8	8	-9	1	3.49	2.10	2.10	0.00	.71402	1.38	3.10	0	
8	8	-8	1	5.68	6.05	-6.05	0.00	.68582	-.36	-1.21	180	
8	8	-7	1	3.75	4.20	-4.20	0.00	.65964	-.41	-1.08	180	
8	8	-6	1	10.46	10.27	-10.27	0.00	.64216	.19	.91	180	
8	8	-5	1	8.83	8.57	-8.57	0.00	.63193	.27	1.21	180	
8	8	-4	1	5.92	5.60	5.60	0.00	.62931	.32	1.24	0	
8	8	-3	1	6.77	7.19	7.19	0.00	.63440	-.42	-1.66	0	
8	8	-2	1	3.49	3.17	3.17	0.00	.64700	.32	.77	0	
8	8	-1	1	5.17	5.42	-5.42	0.00	.66670	-.25	-.77	180	
8	8	0	1	4.96	4.12	-4.12	0.00	.69289	.84	2.67	180	
8	8	1	1	7.94	7.23	-7.23	0.00	.72487	.71	2.77	180	
8	9	1	1	4.19	2.78	-2.78	0.00	.73746	1.41	3.89	180	
8	9	-8	1	1.44	2.01	-2.01	0.00	.76966	-.57	-.55	180	
8	9	-7	1	3.52	3.23	3.23	0.00	.68783	.28	.66	0	
8	9	-6	1	8.21	7.91	7.91	0.00	.67256	.30	1.22	0	
8	9	-5	1	6.54	5.79	5.79	0.00	.66430	.75	2.90	0	
8	9	-4	1	5.22	5.19	-5.19	0.00	.66331	.03	.10	180	
8	9	-3	1	5.09	4.16	4.16	0.00	.66962	.93	3.36	0	
8	9	-2	1	6.15	4.90	-4.90	0.00	.68303	1.25	4.57	0	
8	9	-1	1	9.50	8.89	-8.89	0.00	.70313	.61	2.69	180	
8	9	0	1	7.56	7.51	-7.51	0.00	.72938	.05	.20	180	
8	10	1	1	1.60	1.07	1.07	0.00	.73789	.52	.59	0	
8	10	-7	1	2.71	2.21	2.21	0.00	.71831	.50	.96	0	
8	10	-6	1	5.17	5.71	-5.71	0.00	.70511	-.54	-1.59	180	
8	10	-5	1	16.24	18.71	18.71	0.00	.69866	-.47	-2.36	0	
8	10	-4	1	3.71	4.86	-4.86	0.00	.69914	-1.15	-2.53	180	
8	10	-3	1	2.91	.93	.93	0.00	.70654	1.98	4.00	0	
8	10	-2	1	4.96	5.43	-5.43	0.00	.72064	-.47	-1.26	180	
8	10	-1	1	5.41	4.94	4.94	0.00	.74106	.47	1.44	0	
8	11	-7	1	6.68	6.09	-6.09	0.00	.75081	.59	1.97	180	
8	11	-6	1	4.10	3.03	-3.03	0.00	.73953	1.07	2.63	180	
8	11	-5	1	10.88	10.32	-10.32	0.00	.73474	.57	2.39	180	
8	11	-4	1	1.49	1.66	1.66	0.00	.73654	-.17	-.16	0	
8	11	-3	1	5.04	6.00	6.00	0.00	.74490	-.96	-2.63	0	
9	11	-2	1	5.33	3.77	-3.77	0.00	.75314	.57	1.42	180	
9	11	-1	1	5.00	5.16	-5.16	0.00	.75112	-.16	-.42	180	
9	13	0	1	5.79	4.73	-4.73	0.00	.75556	1.06	3.24	180	
9	13	1	1	4.17	3.41	-3.41	0.00	.73978	.75	1.81	180	
9	12	-2	1	2.17	.72	.72	0.00	.72578	1.45	2.22	0	
9	12	-1	1	3.89	3.87	-3.87	0.00	.71832	.02	.04	180	
9	12	0	1	1.41	2.22	2.22	0.00	.71759	-.80	-.79	0	
9	12	1	1	5.16	5.22	-5.22	0.00	.72361	-.04	-.11	0	
9	12	2	1	3.76	2.99	2.99	0.00	.73622	.77	1.81	0	
9	12	3	1	1.49	2.03	2.03	0.00	.75508	-.54	-.50	0	
9	12	4	1	1.53	1.33	-1.33	0.00	.75045	.20	.19	180	
9	11	-4	1	2.82	.50	.50	0.00	.72470	2.33	4.34	0	
9	11	-3	1	3.70	1.75	1.75	0.00	.70494	1.96	5.08	0	
9	11	-2	1	3.11	3.66	-3.66	0.00	.69168	-.55	-1.14	180	
9	11	-1	1	1.37	.33	-.33	0.00	.68530	1.04	1.06	180	
9	11	0	1	8.91	8.97	8.97	0.00	.68598	-.06	-.26	0	



H	K	L	GMP	FL	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
9	-11	1	1	1.41	.71	.71	0.00	.69371	.70	.70	0	
9	-11	2	1	1.74	1.82	1.82	0.00	.70825	-.07	-.08	0	
9	-11	3	1	2.30	.39	-.39	0.00	.72921	1.91	3.03	180	
9	-11	4	1	4.36	2.33	-2.33	0.00	.75604	2.03	5.59	180	
9	-10	-6	1	2.64	1.59	1.59	0.00	.74798	1.05	1.67	0	
9	-10	-5	1	5.84	6.07	-6.07	0.00	.71676	-.23	-.74	180	
9	-10	-4	1	6.57	6.70	-6.70	0.00	.65120	-.12	-.46	180	
9	-10	-3	1	3.14	2.60	-2.60	0.00	.67194	.53	1.17	0	
9	-10	-2	1	3.88	3.73	-3.73	0.00	.65952	.15	.41	180	
9	-10	-1	1	1.38	1.97	-1.97	0.00	.65434	-.58	-.59	180	
9	-10	0	1	2.73	3.56	3.56	0.00	.65657	-.83	-1.68	0	
9	-10	1	1	6.61	7.61	-7.61	0.00	.66613	-.99	-3.53	180	
9	-10	2	1	3.92	2.16	-2.16	0.00	.68272	1.76	4.81	180	
9	-10	3	1	7.17	7.11	7.11	0.00	.70584	.07	.25	0	
9	-10	4	1	3.48	2.82	2.82	0.00	.73488	.66	1.39	0	
9	-9	-7	1	2.03	.51	-.51	0.00	.72588	1.52	2.00	180	
9	-9	-6	1	3.21	2.16	-2.16	0.00	.71620	1.04	2.36	180	
9	-9	-5	1	5.11	5.51	5.51	0.00	.68499	-.39	-1.21	0	
9	-9	-4	1	1.38	.96	.96	0.00	.65970	.42	.42	0	
9	-9	-3	1	3.17	2.77	-2.77	0.00	.64104	.40	.98	180	
9	-9	-2	1	4.25	4.36	4.36	0.00	.62959	-.11	-.33	0	
9	-9	-1	1	2.74	1.51	1.51	0.00	.62575	1.22	2.80	0	
9	-9	0	1	13.71	13.51	-13.51	0.00	.62966	.19	1.01	180	
9	-9	1	1	1.36	.45	-.45	0.00	.64118	.91	.94	180	
9	-9	2	1	4.58	4.48	-4.48	0.00	.65990	.10	.29	180	
9	-9	3	1	11.50	10.78	-10.78	0.00	.68525	.72	3.38	180	
9	-9	4	1	14.46	14.31	14.31	0.00	.71651	.15	.70	0	
9	-8	5	1	7.41	7.77	7.77	0.00	.75295	-.36	-1.22	0	
9	-8	-7	1	1.48	1.17	-1.17	0.00	.72302	.31	.25	180	
9	-8	-6	1	10.63	10.25	10.25	0.00	.68650	.38	1.70	0	
9	-8	-5	1	7.34	6.67	6.67	0.00	.65539	.67	2.80	0	
9	-8	-4	1	7.69	7.73	7.73	0.00	.63050	-.04	-.17	0	
9	-8	-3	1	5.72	6.58	6.58	0.00	.61257	-.86	-3.17	0	
9	-8	-2	1	6.11	6.23	-6.23	0.00	.60223	-.12	-.51	180	
9	-8	-1	1	10.05	9.96	-9.96	0.00	.59987	.09	.48	180	
9	-8	0	1	9.07	8.77	-8.77	0.00	.60559	.30	1.46	180	
9	-8	1	1	4.23	3.30	-3.30	0.00	.61916	.93	2.95	180	
9	-8	2	1	8.45	9.41	9.41	0.00	.64009	-.96	-3.87	0	
9	-8	3	1	4.40	4.91	4.91	0.00	.66768	-.51	-1.36	0	
9	-8	4	1	1.93	1.84	1.84	0.00	.70114	.10	.12	0	
9	-8	5	1	4.54	4.21	-4.21	0.00	.73969	.33	.93	180	
9	-7	-8	1	1.50	1.55	1.55	0.00	.73703	-.05	-.05	0	
9	-7	-7	1	2.08	1.24	-1.24	0.00	.69570	.83	1.29	180	
9	-7	-6	1	6.30	5.76	5.76	0.00	.65918	.53	1.97	0	
9	-7	-5	1	1.31	.37	.37	0.00	.62830	.94	1.01	0	
9	-7	-4	1	10.97	11.29	-11.29	0.00	.60393	-.33	-1.64	180	
9	-7	-3	1	8.48	8.56	8.56	0.00	.58688	-.07	-.36	0	
9	-7	-2	1	1.84	1.14	-1.14	0.00	.57780	.70	1.14	180	
9	-7	-1	1	5.19	4.83	-4.83	0.00	.57706	.36	1.35	180	
9	-7	0	1	2.61	3.39	3.39	0.00	.58471	-.78	-1.53	180	
9	-7	1	1	10.83	11.25	11.25	0.00	.60041	-.43	-2.12	0	
9	-7	2	1	2.69	2.82	-2.82	0.00	.62357	-.12	-.25	180	
9	-7	3	1	12.09	11.75	11.75	0.00	.65338	.34	1.65	0	

H	K	L	GNP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
9	-7	4	1	10.51	10.01	-10.01	0.00	.68898	.50	2.21	180
9	-7	5	1	9.11	9.21	-9.21	0.00	.72953	-.10	-.39	180
9	-6	-8	1	2.81	1.81	-1.81	0.00	.71228	1.00	1.97	180
9	-6	-7	1	5.35	5.84	5.84	0.00	.67091	-.49	-1.57	0
9	-6	-6	1	10.39	10.57	-10.57	0.00	.63452	-.17	-.84	180
9	-6	-5	1	1.26	.96	.96	0.00	.60403	.29	.33	0
9	-6	-4	1	3.93	4.54	4.54	0.00	.58035	-.61	-1.92	0
9	-6	-3	1	12.58	12.95	-12.95	0.00	.56435	-.38	-2.07	180
9	-6	-2	1	6.42	6.46	6.46	0.00	.55669	-.04	-.16	0
9	-6	-1	1	19.30	19.54	19.54	0.00	.55771	-.25	-1.50	0
9	-6	0	1	4.97	5.17	-5.17	0.00	.56737	-.20	-.73	180
9	-6	1	1	2.72	2.89	-2.89	0.00	.58524	-.17	-.36	180
9	-6	2	1	1.92	.35	.35	0.00	.61060	1.57	2.40	0
9	-6	3	1	12.60	12.85	-12.85	0.00	.64256	-.25	-1.23	180
9	-6	4	1	9.96	10.03	-10.03	0.00	.66020	-.07	-.30	180
9	-6	5	1	1.41	2.84	2.84	0.00	.72262	-1.42	-1.41	0
9	-6	-8	1	7.17	6.49	6.49	0.00	.73575	.68	2.50	0
9	-5	-9	1	2.81	2.57	-2.57	0.00	.65019	.24	.47	180
9	-5	-8	1	1.60	2.60	-2.60	0.00	.64893	-1.00	-1.25	180
9	-5	-6	1	6.18	6.16	-6.16	0.00	.61286	.02	.07	180
9	-5	-5	1	1.18	.05	.05	0.00	.58294	1.12	1.34	0
9	-5	-4	1	11.81	12.44	12.44	0.00	.56014	-.63	-3.41	0
9	-5	-3	1	7.67	7.38	7.38	0.00	.54537	.29	1.49	0
9	-5	-2	1	4.82	5.03	-5.03	0.00	.53929	-.21	-.80	180
9	-5	-1	1	8.86	8.61	-8.61	0.00	.54218	.25	1.36	160
9	-5	0	1	15.07	15.16	15.16	0.00	.55391	-.09	-.56	0
9	-5	1	1	1.24	.16	.16	0.00	.57393	1.08	1.22	160
9	-5	2	1	4.12	3.19	3.19	0.00	.60142	.94	3.15	0
9	-5	3	1	1.30	1.03	1.03	0.00	.63541	.26	.26	0
9	-5	4	1	2.12	.44	-.44	0.00	.67492	1.67	2.60	180
9	-5	5	1	2.46	1.04	-1.04	0.00	.71904	1.43	2.43	180
9	-4	-8	1	1.43	.47	-.47	0.00	.71640	.95	.93	180
9	-4	-7	1	2.65	1.72	-1.72	0.00	.67100	.93	1.89	180
9	-4	-6	1	1.32	.84	-.84	0.00	.63007	.48	.51	180
9	-4	-5	1	11.37	12.22	-12.22	0.00	.59453	-.86	-4.45	0
9	-4	-4	1	15.36	15.40	15.40	0.00	.56539	-.03	-.18	180
9	-4	-3	1	6.27	6.37	-6.37	0.00	.54368	-.11	-.49	180
9	-4	-2	1	7.35	7.71	7.71	0.00	.53033	-.36	-1.79	0
9	-4	-1	1	2.88	3.04	-3.04	0.00	.52596	-.16	-.43	180
9	-4	0	1	1.33	2.19	-2.19	0.00	.53080	-.86	-1.04	180
9	-4	1	1	5.36	5.62	-5.62	0.00	.54460	-.26	-1.01	180
9	-4	2	1	5.64	5.28	5.28	0.00	.56671	.36	1.54	0
9	-4	3	1	5.32	5.67	5.67	0.00	.59621	-.35	-1.26	0
9	-4	4	1	10.81	10.91	10.91	0.00	.63205	-.10	-.47	0
9	-4	5	1	1.34	.29	-.29	0.00	.67323	1.05	1.10	180
9	-3	-10	1	1.41	.21	.21	0.00	.71884	1.20	1.19	0
9	-3	-9	1	1.49	.14	.14	0.00	.74882	1.35	1.27	0
9	-3	-8	1	13.00	12.95	-12.95	0.00	.70000	.04	.21	180
9	-3	-7	1	6.84	6.64	-6.64	0.00	.65499	.19	.77	180
9	-3	-6	1	9.18	9.69	9.69	0.00	.61461	-.50	-2.35	0
9	-3	-5	1	8.54	8.69	8.69	0.00	.57983	-.15	-.73	0
9	-3	-4	1	3.23	3.27	3.27	0.00	.55171	-.04	-.10	0
9	-3	-3	1	2.15	1.88	-1.88	0.00	.53132	.27	.57	180

ANGLE  
STAT

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
9	-3	-3	1	11.49	12.24	-12.24	0.00	.51957	-.75	-4.39	180
9	-3	-2	1	16.05	16.39	-16.39	0.00	.51703	-.33	-2.09	180
9	-3	-1	1	5.86	5.21	-5.21	0.00	.52385	.65	3.02	180
9	-3	0	1	6.74	9.10	9.10	0.00	.53968	-.36	-1.91	0
9	-3	1	1	1.22	1.54	-1.54	0.00	.56375	-.32	-.37	180
9	-3	2	1	2.96	2.33	-2.33	0.00	.59506	.63	1.51	0
9	-3	3	1	2.17	3.52	-3.52	0.00	.63254	-1.35	-2.11	180
9	-3	4	1	10.14	10.00	-10.00	0.00	.67517	.15	.66	0
9	-3	5	1	5.66	5.43	-5.43	0.00	.72202	.22	.67	180
9	-2	-10	1	1.44	1.42	-1.42	0.00	.73512	.00	.00	0
9	-2	-9	1	6.87	6.51	-6.51	0.00	.68678	.36	1.38	0
9	-2	-8	1	1.44	1.91	1.91	0.00	.64236	-.47	-.55	0
9	-2	-7	1	3.94	4.04	-4.04	0.00	.60280	-.10	-.31	180
9	-2	-6	1	15.18	15.87	-15.87	0.00	.56905	-.68	-3.90	0
9	-2	-5	1	1.56	3.04	-3.04	0.00	.54221	-1.49	-2.11	180
9	-2	-4	1	12.57	12.96	-12.96	0.00	.52335	-.38	-2.26	180
9	-2	-3	1	7.07	8.18	-8.18	0.00	.51335	-.31	-1.66	150
9	-2	-2	1	1.16	.41	-.41	0.00	.51272	.77	.91	0
9	-2	-1	1	1.15	.01	-.01	0.00	.52151	1.14	1.39	180
9	-2	0	1	14.28	14.55	-14.55	0.00	.53925	-.27	-1.64	0
9	-2	1	1	9.86	9.55	-9.55	0.00	.56509	.30	1.62	0
9	-2	2	1	3.35	3.85	3.85	0.00	.59800	-.50	-1.28	0
9	-2	3	1	7.02	7.03	-7.03	0.00	.63687	-.01	-.06	180
9	-2	4	1	2.59	3.84	-3.84	0.00	.68068	-1.25	-2.20	180
9	-2	5	1	8.32	8.15	-8.15	0.00	.72855	.17	.65	180
9	-1	-10	1	4.53	4.71	-4.71	0.00	.72453	-.18	-.48	180
9	-1	-9	1	8.51	8.36	-8.36	0.00	.67690	.16	.65	0
9	-1	-8	1	1.54	2.19	-2.19	0.00	.63338	-.65	-.86	180
9	-1	-7	1	9.81	9.45	-9.45	0.00	.59488	.36	1.79	0
9	-1	-6	1	6.58	7.21	-7.21	0.00	.56242	-.64	-2.86	180
9	-1	-5	1	17.77	18.65	-18.65	0.00	.53710	-.64	-5.53	180
9	-1	-4	1	1.17	1.14	-1.14	0.00	.51996	.02	.03	180
9	-1	-3	1	10.33	10.51	-10.51	0.00	.51184	-.18	-1.06	180
9	-1	-2	1	3.44	2.88	-2.88	0.00	.51315	.56	1.75	0
9	-1	-1	1	12.10	12.09	-12.09	0.00	.52383	.01	.07	0
9	-1	0	1	1.19	2.59	-2.59	0.00	.54332	-1.40	-1.64	0
9	-1	1	1	5.39	5.54	-5.54	0.00	.57073	-.15	-.61	180
9	-1	2	1	1.31	1.42	-1.42	0.00	.60497	-.11	-.12	180
9	-1	3	1	2.05	.80	.80	0.00	.64496	1.24	1.98	0
9	-1	4	1	1.36	.94	.94	0.00	.68970	.41	.42	0
9	-1	5	1	4.05	4.82	4.82	0.00	.73833	-.77	-1.86	0
9	0	-10	1	2.24	.45	-.45	0.00	.71720	1.79	2.58	180
9	0	-9	1	1.38	1.44	-1.44	0.00	.67053	-.06	-.06	180
9	0	-8	1	2.26	.93	-.93	0.00	.62815	1.33	2.63	180
9	0	-7	1	2.65	3.40	-3.40	0.00	.59099	-.76	-1.69	180
9	0	-6	1	3.74	3.77	3.77	0.00	.56007	-.03	-.10	180
9	0	-5	1	1.78	1.10	-1.10	0.00	.53650	.68	1.23	0
9	0	-4	1	2.06	1.11	1.11	0.00	.52126	.96	2.06	0
9	0	-3	1	15.85	16.42	-16.42	0.00	.51508	-.56	-3.56	180
9	0	-2	1	11.96	12.68	-12.68	0.00	.51831	-.73	-4.32	0
9	0	-1	1	16.00	16.12	-16.12	0.00	.53076	-.12	-.74	180
9	0	0	1	16.49	16.56	-16.56	0.00	.55181	-.07	-.45	180
9	0	1	1	2.09	1.00	1.00	0.00	.58053	1.09	1.92	0

ANGLE  
STAT

H	K	L	GKP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
9	0	2	1	4.60	4.27	4.27	0.00	.61584	.33	1.16	0	
9	0	3	1	1.36	1.15	-1.15	0.00	.65668	.21	.22	180	
9	0	4	1	5.76	5.44	5.84	0.00	.70209	-.08	-.27	0	
9	0	5	1	6.39	6.75	6.75	0.00	.75124	-.36	-1.19	0	
9	0	6	1	1.36	1.01	-1.01	0.00	.71321	.35	.36	180	
9	1	-9	1	4.67	3.47	-3.47	0.00	.66776	1.20	4.01	180	
9	1	-8	1	7.36	8.03	8.03	0.00	.62678	-.67	-2.92	0	
9	1	-7	1	2.72	2.08	2.08	0.00	.59121	.64	1.48	0	
9	1	-6	1	1.18	1.28	-1.28	0.00	.56208	-.10	-1.12	180	
9	1	-5	1	12.25	12.79	12.79	0.00	.54043	-.54	-3.18	0	
9	1	-4	1	11.01	11.99	11.99	0.00	.52719	-.98	-5.60	0	
9	1	-3	1	10.25	10.97	-10.97	0.00	.52299	-.72	-4.15	180	
9	1	-2	1	1.21	.22	-.22	0.00	.52805	.99	1.15	180	
9	1	-1	1	13.73	13.26	-13.26	0.00	.54211	.47	2.82	180	
9	1	0	1	6.61	6.22	-6.22	0.00	.56450	.40	1.85	180	
9	1	1	1	2.10	.81	.81	0.00	.59428	1.30	2.46	0	
9	1	2	1	1.29	1.26	-1.26	0.00	.63040	.04	.04	180	
9	1	3	1	1.37	2.08	-2.08	0.00	.67183	-.71	-.73	180	
9	1	4	1	7.02	6.55	-6.55	0.00	.71767	.46	1.74	180	
9	1	5	1	6.41	6.83	-6.83	0.00	.71264	-.42	-1.42	180	
9	2	-10	1	8.09	7.60	7.60	0.00	.66863	.50	2.11	0	
9	2	-9	1	1.33	.45	-.45	0.00	.62929	.88	.93	180	
9	2	-8	1	1.25	1.77	-1.77	0.00	.59554	-.52	-.58	0	
9	2	-7	1	1.84	15.14	15.14	0.00	.56839	-.29	-1.70	0	
9	2	-6	1	2.76	2.44	2.44	0.00	.54880	.32	.78	0	
9	2	-5	1	1.18	1.28	-1.28	0.00	.53762	-.09	-.11	180	
9	2	-4	1	5.83	6.27	6.27	0.00	.53536	-.43	-1.84	0	
9	2	-3	1	1.31	.58	-.58	0.00	.54214	.74	.98	180	
9	2	-2	1	3.89	2.85	2.85	0.00	.55763	1.05	3.47	0	
9	2	-1	1	21.00	21.08	21.08	0.00	.58113	-.07	-.43	180	
9	2	0	1	9.56	9.56	-9.56	0.00	.61172	-.00	-.01	180	
9	2	1	1	1.26	.88	-.88	0.00	.64840	.40	.44	180	
9	2	2	1	1.39	2.20	-2.20	0.00	.69019	-.81	-.82	180	
9	2	3	1	10.53	10.34	-10.34	0.00	.73623	.18	.78	180	
9	3	-10	1	1.41	1.27	1.27	0.00	.71548	.14	.14	0	
9	3	-9	1	8.46	8.46	-8.46	0.00	.67314	.03	.12	180	
9	3	-8	1	10.02	10.04	10.04	0.00	.63564	-.02	-.11	0	
9	3	-7	1	5.54	6.46	-6.46	0.00	.60389	-.91	-3.34	180	
9	3	-6	1	10.28	10.73	-10.73	0.00	.57885	-.44	-2.29	180	
9	3	-5	1	3.38	5.00	-5.00	0.00	.56141	-1.62	-4.46	180	
9	3	-4	1	2.81	2.51	-2.51	0.00	.55228	.30	.80	180	
9	3	-3	1	5.72	5.99	-5.99	0.00	.55188	-.27	-.89	180	
9	3	-2	1	3.10	2.20	2.20	0.00	.56024	.89	2.54	0	
9	3	-1	1	15.23	15.64	15.64	0.00	.57697	-.40	-2.34	0	
9	3	0	1	11.88	12.10	12.10	0.00	.60136	-.22	-1.17	0	
9	3	1	1	10.64	10.49	10.49	0.00	.63255	.16	.75	0	
9	3	2	1	5.96	5.57	-5.57	0.00	.66957	.40	1.41	180	
9	3	3	1	5.87	6.50	-6.50	0.00	.71151	-.62	-2.02	180	
9	3	4	1	2.96	3.06	-3.06	0.00	.75757	-.09	-.17	180	
9	4	-10	1	11.93	12.29	12.29	0.00	.72170	-.36	-1.59	0	
9	4	-9	1	3.82	2.16	-2.16	0.00	.68120	1.66	4.42	180	
9	4	-8	1	2.95	3.54	-3.54	0.00	.64571	-.58	-1.23	180	
9	4	-7	1	1.26	1.87	-1.87	0.00	.61610	-.62	-.68	180	

H	K	L	GKP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
9	4	-6	1	6.50	8.84	-8.84	0.00	.59325	-.34	-1.64	180	
9	4	-5	1	13.09	13.83	-13.83	0.00	.57797	-.74	-4.14	180	
9	4	-4	1	1.20	.91	.91	0.00	.57085	.29	.34	0	
9	4	-3	1	1.78	3.07	3.07	0.00	.57221	-1.29	-1.93	0	
9	4	-2	1	1.25	1.94	1.94	0.00	.58198	-.69	-.77	0	
9	4	-1	1	12.38	12.05	12.05	0.00	.55975	.33	1.77	0	
9	4	0	1	11.84	11.87	-11.87	0.00	.62485	-.02	-.12	180	
9	4	1	1	6.42	6.65	-6.65	0.00	.65643	-.23	-.85	180	
9	4	2	1	1.40	1.20	-1.20	0.00	.69361	.19	.19	180	
9	4	3	1	1.97	.77	.77	0.00	.73554	1.20	1.70	0	
9	5	-10	1	1.43	2.30	-2.30	0.00	.73121	-.88	-.86	180	
9	5	-9	1	1.36	.10	-.10	0.00	.69270	1.26	1.30	180	
9	5	-8	1	2.59	1.59	1.59	0.00	.65934	1.00	2.03	0	
9	5	-7	1	1.26	.41	-.41	0.00	.63195	.86	.95	180	
9	5	-6	1	16.33	16.93	16.93	0.00	.61132	-.60	-3.32	0	
9	5	-5	1	2.99	4.07	-4.07	0.00	.59816	-1.08	-2.71	180	
9	5	-4	1	2.23	1.15	1.15	0.00	.59296	1.08	2.19	0	
9	5	-3	1	4.06	3.40	3.40	0.00	.59594	.66	2.21	0	
9	5	-2	1	1.46	1.42	-1.42	0.00	.60697	.04	.05	180	
9	5	-1	1	5.60	5.69	-5.69	0.00	.62562	-.09	-.33	180	
9	5	0	1	3.26	4.03	4.03	0.00	.65125	-.77	-1.71	0	
9	5	1	1	4.75	5.88	-5.88	0.00	.65306	-1.13	-3.05	180	
9	5	2	1	7.08	6.98	-6.98	0.00	.72024	.10	.35	180	
9	6	-10	1	2.73	2.46	-2.46	0.00	.74388	.27	.47	180	
9	6	-9	1	2.22	2.59	-2.59	0.00	.70747	-.38	.47	180	
9	6	-8	1	2.69	1.27	-1.27	0.00	.67631	1.41	3.11	180	
9	6	-7	1	4.48	3.80	3.80	0.00	.65116	.68	2.15	0	
9	6	-6	1	1.30	1.37	-1.37	0.00	.63273	-.07	-.07	180	
9	6	-5	1	10.28	9.73	9.73	0.00	.62163	.55	2.89	0	
9	6	-4	1	3.52	4.25	-4.25	0.00	.61824	-.74	-1.92	180	
9	6	-3	1	2.61	2.46	-2.46	0.00	.62269	.15	.33	180	
9	6	-2	1	1.71	1.67	1.67	0.00	.63482	.04	.05	0	
9	6	-1	1	4.53	4.71	4.71	0.00	.65420	-.18	-.54	0	
9	6	0	1	6.37	6.44	-6.44	0.00	.68021	-.07	-.25	180	
9	6	1	1	18.98	18.74	18.74	0.00	.71212	.24	1.19	0	
9	6	2	1	1.48	.55	-.55	0.00	.72531	.93	.88	180	
9	7	-9	1	5.94	5.57	5.57	0.00	.74919	.98	1.31	0	
9	7	-8	1	1.68	.70	.70	0.00	.65638	.37	1.17	0	
9	7	-7	1	2.95	2.82	2.82	0.00	.67346	.13	.27	0	
9	7	-6	1	9.17	9.53	-9.53	0.00	.65717	-.37	-1.66	180	
9	7	-5	1	12.79	12.79	-12.79	0.00	.64802	-.00	-.02	180	
9	7	-4	1	5.09	5.38	-5.38	0.00	.64630	-.29	-.96	180	
9	7	-3	1	6.82	6.43	6.43	0.00	.65209	.39	1.57	0	
9	7	-2	1	1.32	.99	.99	0.00	.66517	.33	.35	0	
9	7	-1	1	2.30	1.72	-1.72	0.00	.68515	.58	.98	180	
9	7	0	1	1.41	1.25	1.25	0.00	.71142	.16	.16	0	
9	7	1	1	7.10	.33	-.33	0.00	.74333	1.13	1.08	180	
9	8	-9	1	1.53	6.92	6.92	0.00	.74600	.17	.59	0	
9	8	-8	1	5.50	2.30	2.30	0.00	.71928	-.77	-.71	0	
9	8	-7	1	1.43	4.49	-4.49	0.00	.69854	1.01	3.51	180	
9	8	-6	1	5.62	2.23	2.23	0.00	.68430	-.79	-.78	0	
9	8	-5	1	8.29	5.47	-5.47	0.00	.67698	.15	.49	180	
9	8	-4	1		8.32	-8.32	0.00	.67681	-.03	-.12	180	

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
9	8	-3	1	3.84	.71	-.71	C.00	.68379	3.13	8.42	180
9	8	-2	1	6.93	6.38	6.38	C.00	.69771	.55	1.98	0
9	8	-1	1	1.40	.25	.25	C.00	.71816	1.15	1.15	0
9	8	0	1	1.57	.97	-.97	C.00	.74460	.60	.53	180
9	9	-8	1	3.42	2.22	-2.22	C.00	.74476	1.19	2.64	180
9	9	-7	1	2.40	1.47	1.47	C.00	.72611	.93	1.48	0
9	9	-6	1	11.59	11.33	-11.33	C.00	.71382	.26	1.17	180
9	9	-5	1	14.50	14.57	14.57	C.00	.70821	-.07	-.34	0
9	9	-4	1	6.51	8.77	8.77	C.00	.70945	-.26	-1.00	0
9	9	-3	1	4.09	4.03	4.03	C.00	.71750	.06	.16	0
9	9	-2	1	8.86	8.15	-8.15	C.00	.73213	.71	2.87	180
9	9	-1	1	4.12	4.58	4.58	C.00	.75297	-.47	-1.12	0
9	10	-7	1	6.02	5.12	-5.12	C.00	.75591	.90	2.88	180
9	10	-6	1	4.58	2.09	2.09	C.00	.74545	2.48	7.35	0
9	10	-5	1	6.84	5.91	5.91	C.00	.74142	.93	3.32	0
9	10	-4	1	1.42	.81	.81	C.00	.74394	.61	.60	0
9	10	-3	1	1.49	1.54	1.54	C.00	.75294	-.05	-.05	0
10	-12	-1	1	3.28	3.53	-3.53	C.00	.75412	-.24	-.43	180
10	-11	0	1	2.73	2.71	-2.71	C.00	.75546	.03	.04	180
10	-11	-4	1	9.07	8.77	-8.77	C.00	.75498	.30	1.15	180
10	-11	-3	1	5.32	4.06	4.06	C.00	.73811	1.26	3.98	0
10	-11	-2	1	4.36	4.21	4.21	C.00	.72757	.17	.41	0
10	-11	-1	1	2.31	2.08	-2.08	C.00	.72363	.23	.31	180
10	-11	0	1	1.48	2.07	2.07	C.00	.72640	-.59	-.56	0
10	-11	1	1	1.46	1.27	1.27	C.00	.73579	.20	.19	0
10	-11	2	1	5.24	5.60	-5.60	C.00	.75157	-.36	-.99	180
10	-10	-5	1	2.28	2.02	-2.02	C.00	.74617	.26	.38	180
10	-10	-4	1	3.57	4.10	-4.10	C.00	.72378	-.53	-1.19	180
10	-10	-3	1	1.63	2.49	2.49	C.00	.70758	-.86	-.92	0
10	-10	-2	1	1.42	.68	-.68	C.00	.69800	.74	.73	180
10	-10	-1	1	8.72	8.45	8.45	C.00	.69532	.27	1.12	0
10	-10	0	1	1.46	1.39	-1.39	C.00	.65962	.07	.07	180
10	-10	1	1	1.51	2.24	2.24	C.00	.71077	-.73	-.68	0
10	-10	2	1	2.05	2.21	-2.21	C.00	.72845	-.16	-.21	180
10	-10	3	1	4.33	4.55	-4.55	C.00	.75221	-.22	-.53	180
10	-9	-6	1	5.99	5.29	-5.29	C.00	.74444	.70	2.22	180
10	-9	-5	1	6.18	5.87	-5.87	C.00	.71662	.31	.97	180
10	-9	-4	1	5.36	5.04	5.04	C.00	.69470	.32	.96	0
10	-9	-3	1	1.42	1.93	1.93	C.00	.67927	-.51	-.50	0
10	-9	-2	1	2.24	2.00	2.00	C.00	.67077	.24	.38	0
10	-9	-1	1	5.10	5.25	5.25	C.00	.66946	-.16	-.49	0
10	-9	0	1	3.47	3.61	-3.61	C.00	.67540	-.14	-.33	180
10	-9	1	1	3.29	3.12	3.12	C.00	.68839	.16	.36	0
10	-9	2	1	9.52	9.56	9.56	C.00	.70803	-.04	-.16	0
10	-9	3	1	1.47	1.86	-1.86	C.00	.73381	-.39	-.38	180
10	-8	-6	1	4.84	3.47	-3.47	C.00	.74983	-.36	-.97	180
10	-8	-5	1	1.41	.84	-.84	C.00	.68933	.56	.56	180
10	-8	-4	1	1.38	.48	.48	C.00	.66801	.90	.91	0
10	-8	-3	1	7.07	7.08	7.08	C.00	.65346	-.02	-.06	0
10	-8	-2	1	2.10	.78	.78	C.00	.64616	1.32	2.07	0
10	-8	-1	1	2.16	1.23	-1.23	C.00	.64635	.93	1.53	180
10	-8	0	1	14.40	14.34	-14.34	C.00	.65402	.06	.31	180

ANGLE  
STAT

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
10	-8	1	L	1.84	.93	.93	0.00	.66890	.90	1.32	0	
10	-8	2	L	1.75	2.62	-2.62	0.00	.69055	-.88	-1.08	180	
10	-8	3	L	10.73	10.26	10.26	0.00	.71834	.47	2.07	0	
10	-8	4	L	2.38	3.91	3.91	0.00	.75159	-1.53	-2.08	0	
10	-7	4	L	1.41	1.07	1.07	0.00	.72443	.34	.34	0	
10	-7	6	L	2.59	.22	.22	0.00	.65165	2.37	4.44	0	
10	-7	5	L	12.91	13.24	13.24	0.00	.66460	-.33	-1.61	0	
10	-7	4	L	3.13	1.43	1.43	0.00	.64400	1.71	4.10	0	
10	-7	3	L	7.21	7.92	-7.92	0.00	.63048	-.71	-2.84	180	
10	-7	2	L	13.11	13.20	-13.20	0.00	.62450	-.09	-.45	180	
10	-7	1	L	4.54	4.52	-4.52	0.00	.62628	.02	.07	180	
10	-7	0	L	2.81	2.77	-2.77	0.00	.63576	.04	.08	180	
10	-7	1	L	2.46	.26	-.26	0.00	.65259	2.22	4.21	180	
10	-7	1	L	3.67	2.47	-2.47	0.00	.67623	1.20	3.09	180	
10	-7	3	L	9.66	9.85	9.85	0.00	.70599	-.16	-.67	0	
10	-7	4	L	1.45	.48	.48	0.00	.74114	.97	.94	0	
10	-6	8	L	1.46	.78	.78	0.00	.73917	.68	.65	0	
10	-6	7	L	3.26	3.49	3.49	0.00	.70158	-.22	-.45	0	
10	-6	6	L	2.34	.62	-.62	0.00	.66917	1.72	3.23	180	
10	-6	5	L	3.02	2.63	2.63	0.00	.64272	.39	.88	0	
10	-6	4	L	5.29	5.73	5.73	0.00	.62299	-.44	-1.55	0	
10	-6	3	L	5.66	6.34	-6.34	0.00	.61063	-.68	-2.47	180	
10	-6	2	L	2.20	1.27	-1.27	0.00	.60610	.93	1.79	180	
10	-6	1	L	5.39	5.67	-5.67	0.00	.60957	-.28	-1.09	180	
10	-6	0	L	10.29	10.48	10.48	0.00	.62090	-.19	-.89	0	
10	-6	1	L	6.35	6.21	6.21	0.00	.63967	.14	.51	0	
10	-6	2	L	5.74	4.67	4.67	0.00	.66527	1.06	4.01	0	
10	-6	3	L	9.62	9.30	-9.30	0.00	.69693	.31	1.30	180	
10	-6	4	L	1.42	1.09	1.09	0.00	.73387	.34	.33	0	
10	-6	5	L	1.83	1.80	-1.80	0.00	.71881	.03	.04	180	
10	-5	7	L	4.40	3.39	3.39	0.00	.68155	1.01	3.06	0	
10	-5	6	L	1.36	2.26	-2.26	0.00	.64967	-.90	-.93	180	
10	-5	5	L	3.01	3.12	-3.12	0.00	.62399	-.11	-.25	180	
10	-5	4	L	10.13	10.30	-10.30	0.00	.60529	-.17	-.87	180	
10	-5	3	L	12.14	12.52	12.52	0.00	.59424	-.38	-2.02	0	
10	-5	2	L	3.00	2.87	-2.87	0.00	.59126	.13	.32	180	
10	-5	1	L	7.31	6.75	6.75	0.00	.59648	.56	2.49	0	
10	-5	0	L	2.07	3.14	3.14	0.00	.60969	-1.07	-1.70	0	
10	-5	1	L	11.66	11.89	-11.89	0.00	.63038	-.24	-1.17	180	
10	-5	2	L	2.86	1.98	-1.98	0.00	.65785	.88	1.83	180	
10	-5	3	L	6.89	7.19	7.19	0.00	.65126	-.30	-1.09	0	
10	-5	4	L	1.49	.36	-.36	0.00	.72987	1.13	1.06	180	
10	-4	9	L	4.45	4.46	-4.46	0.00	.74282	-.02	-.04	180	
10	-4	8	L	5.44	4.90	-4.90	0.00	.70134	.53	1.75	180	
10	-4	7	L	1.76	2.00	2.00	0.00	.66460	-.24	-.33	0	
10	-4	6	L	3.23	2.80	2.80	0.00	.63343	.43	1.08	0	
10	-4	5	L	1.27	1.29	-1.29	0.00	.60870	-.01	-.01	180	
10	-4	4	L	6.35	6.14	-6.14	0.00	.59120	.21	.87	180	
10	-4	3	L	4.15	5.28	5.28	0.00	.58159	-1.13	-3.42	0	
10	-4	2	L	3.36	2.33	-2.33	0.00	.58026	1.03	3.10	180	
10	-4	1	L	7.04	7.24	-7.24	0.00	.58727	-.20	-.84	180	
10	-4	0	L	3.65	3.98	-3.98	0.00	.60233	-.34	-.94	180	
10	-4	1	L	6.01	6.18	-6.18	0.00	.62486	-.17	-.69	180	

H	K	L	GRP	FC	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
10	-4	2	1	1.37	2.39	-2.39	0.00	.65408	-1.02	-1.05	180	
10	-4	3	1	2.26	2.68	-2.68	0.00	.68914	-.42	-.72	180	
10	-4	4	1	9.18	9.33	9.33	0.00	.72921	-.15	-.60	0	
10	-3	-9	1	4.30	4.10	-4.10	0.00	.72792	.20	.52	180	
10	-3	-6	1	2.65	2.10	2.10	0.00	.68698	.55	1.07	0	
10	-3	-7	1	3.63	3.76	-3.76	0.00	.65096	-.13	-.31	180	
10	-3	-6	1	4.41	4.05	4.05	0.00	.62071	.35	1.13	0	
10	-3	-5	1	8.03	8.27	8.27	0.00	.59711	-.24	-1.14	0	
10	-3	-4	1	18.27	18.86	18.86	0.00	.58097	-.59	-3.48	0	
10	-3	-3	1	5.32	5.34	-5.34	0.00	.57293	-.01	-.05	180	
10	-3	-2	1	5.57	5.98	5.98	0.00	.57332	-.42	-1.62	0	
10	-3	-1	1	3.03	4.31	-4.31	0.00	.58212	-1.28	-3.00	180	
10	-3	0	1	18.06	18.05	-18.05	0.00	.59897	.03	.15	180	
10	-3	1	1	1.30	.79	-.79	0.00	.62321	.51	.55	180	
10	-3	2	1	9.59	9.92	9.92	0.00	.65403	-.34	-1.47	0	
10	-3	3	1	9.96	10.38	-10.38	0.00	.65053	-.42	-1.84	180	
10	-3	4	1	1.46	1.82	1.82	0.00	.73188	-.35	-.34	0	
10	-2	-9	1	1.43	1.75	1.75	0.00	.71612	-.32	-.31	0	
10	-2	-8	1	1.31	.91	-.91	0.00	.67594	.40	.43	180	
10	-2	-7	1	3.14	2.62	2.62	0.00	.64084	.51	1.27	0	
10	-2	-6	1	7.74	8.33	8.33	0.00	.61172	-.59	-2.65	0	
10	-2	-5	1	3.87	2.96	2.96	0.00	.58945	.91	2.97	0	
10	-2	-4	1	1.68	1.60	-1.60	0.00	.57482	.08	.12	180	
10	-2	-3	1	9.71	9.49	9.49	0.00	.56844	.23	1.19	0	
10	-2	-2	1	2.72	1.51	-1.51	0.00	.57058	1.21	3.09	180	
10	-2	-1	1	6.42	7.20	-7.20	0.00	.58113	-.79	-3.28	180	
10	-2	0	1	10.18	10.34	10.34	0.00	.59967	-.16	-.78	0	
10	-2	1	1	11.27	10.88	10.88	0.00	.62548	.39	1.95	0	
10	-2	2	1	2.16	2.16	2.16	0.00	.65770	-.01	-.01	0	
10	-2	3	1	3.02	3.43	3.43	0.00	.69544	-.41	-.90	0	
10	-2	4	1	4.80	3.66	-3.66	0.00	.73786	1.14	3.44	180	
10	-1	-10	1	5.35	5.17	-5.17	0.00	.75123	.17	.53	180	
10	-1	-9	1	3.48	3.91	3.91	0.00	.70758	-.43	-.95	0	
10	-1	-8	1	1.90	.25	-.25	0.00	.66837	1.65	2.59	180	
10	-1	-7	1	8.04	8.34	-8.34	0.00	.63442	-.30	-1.36	180	
10	-1	-6	1	2.46	2.80	-2.80	0.00	.60663	-.34	-.68	180	
10	-1	-5	1	5.61	4.78	-4.78	0.00	.58586	.83	3.36	180	
10	-1	-4	1	8.11	7.93	-7.93	0.00	.57288	.18	.87	180	
10	-1	-3	1	11.91	12.52	-12.52	0.00	.56823	-.61	-3.36	180	
10	-1	-2	1	5.72	5.69	5.69	0.00	.57210	.03	.14	0	
10	-1	-1	1	4.50	4.08	4.08	0.00	.58434	.42	1.44	0	
10	-1	0	1	14.15	14.33	14.33	0.00	.60442	-.17	-.95	0	
10	-1	1	1	9.24	9.64	9.64	0.00	.63161	-.40	-1.80	0	
10	-1	2	1	4.45	4.61	4.61	0.00	.66502	-.16	-.45	0	
10	-1	3	1	1.81	2.00	-2.00	0.00	.70379	-.19	-.23	180	
10	-1	4	1	10.67	10.91	-10.91	0.00	.74706	-.24	-.95	180	
10	0	-10	1	12.24	11.72	11.72	0.00	.74503	.53	2.32	0	
10	0	-9	1	1.41	.75	-.75	0.00	.70241	.66	.66	180	
10	0	-8	1	1.36	.82	.82	0.00	.66439	.55	.56	0	
10	0	-7	1	1.30	.82	.82	0.00	.63181	-.51	-.55	0	
10	0	-6	1	11.12	11.81	-11.81	0.00	.60554	-.36	-1.82	180	
10	0	-5	1	6.90	6.86	-6.86	0.00	.58642	.04	.16	180	
10	0	-4	1	6.59	7.28	7.28	0.00	.57519	-.70	-2.98	0	



H	K	L	GKP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
10	0	-3	1	7.06	7.69	-7.69	C.00	.57229	-.64	-2.92	180
10	0	-2	1	2.73	2.55	-2.55	C.00	.57786	.18	.45	180
10	0	-1	1	5.33	5.03	5.03	C.00	.59166	.30	1.16	0
10	0	0	1	3.74	3.98	-3.98	C.00	.61312	-.25	-.70	180
10	0	1	1	5.70	5.26	-5.26	C.00	.64149	.44	1.63	180
10	0	2	1	1.35	.04	.04	C.00	.67589	1.30	1.36	0
10	0	3	1	1.43	.16	.16	C.00	.71545	1.27	1.24	0
10	0	-10	1	1.91	2.13	2.13	C.00	.74208	-.22	-.25	0
10	1	-9	1	1.40	1.53	1.53	C.00	.70069	-.13	-.13	0
10	1	-8	1	1.36	.94	-.94	C.00	.66408	.43	.44	180
10	1	-7	1	1.29	1.86	1.86	C.00	.63305	.43	.44	0
10	1	-6	1	5.36	5.79	5.79	C.00	.60846	-.57	-.62	0
10	1	-5	1	11.68	11.54	11.54	C.00	.59113	.14	-1.56	0
10	1	-4	1	1.21	.52	.52	C.00	.58170	.69	.75	0
10	1	-3	1	5.48	5.15	-5.15	C.00	.58055	.69	.80	0
10	1	-2	1	3.64	3.10	-3.10	C.00	.58773	.33	1.39	180
10	1	-1	1	3.36	2.97	-2.97	C.00	.60295	.53	1.80	180
10	1	0	1	6.58	5.88	5.88	C.00	.62561	.39	1.03	180
10	1	1	1	6.26	7.22	-7.22	C.00	.65496	.70	2.95	0
10	1	2	1	2.44	1.89	1.89	C.00	.69012	-.96	-3.46	180
10	1	3	1	4.13	4.24	4.24	C.00	.73028	.56	1.01	0
10	1	-10	1	4.37	4.30	-4.30	C.00	.74240	-.12	-.29	0
10	2	-9	1	11.99	11.77	-11.77	C.00	.70246	.07	.18	180
10	2	-8	1	1.34	.32	.32	C.00	.66742	.22	1.06	0
10	2	-7	1	2.28	1.66	1.66	C.00	.63812	1.01	1.06	0
10	2	-6	1	5.40	5.43	5.43	C.00	.61535	.62	1.19	0
10	2	-5	1	4.52	4.87	4.87	C.00	.59988	-.02	-.08	0
10	2	-4	1	2.25	4.87	4.87	C.00	.59226	-.35	-1.14	0
10	2	-3	1	1.66	.04	.04	C.00	.55281	2.21	4.60	0
10	2	-2	1	9.53	1.67	1.67	C.00	.60150	-.01	-.02	0
10	2	-1	1	4.59	9.60	-9.60	C.00	.61799	-.08	-.36	180
10	2	0	1	3.90	4.03	4.03	C.00	.64167	.56	1.87	180
10	2	1	1	7.86	8.18	8.18	C.00	.67179	-.55	-1.53	0
10	2	2	1	2.80	.93	.93	C.00	.70753	-.32	-1.27	0
10	2	3	1	1.39	.56	.56	C.00	.74807	1.86	3.84	0
10	3	-10	1	2.21	3.26	-3.26	C.00	.74601	.82	.83	0
10	3	-9	1	2.10	2.93	-2.93	C.00	.70767	-1.05	-1.46	180
10	3	-8	1	3.78	3.48	3.48	C.00	.67438	-.83	-1.17	180
10	3	-7	1	6.58	6.94	6.94	C.00	.64693	.29	.79	0
10	3	-6	1	1.28	.61	.61	C.00	.62607	-.35	-1.37	0
10	3	-5	1	5.10	5.22	-5.22	C.00	.61249	.67	.74	180
10	3	-4	1	13.91	14.34	-14.34	C.00	.60885	-.12	-.42	180
10	3	-3	1	3.37	2.67	-2.67	C.00	.60868	-.43	-2.27	180
10	3	-2	1	2.30	2.09	-2.09	C.00	.61892	.71	2.00	180
10	3	-1	1	6.34	5.98	5.98	C.00	.63651	.21	.40	180
10	3	0	1	8.01	8.28	-8.28	C.00	.66104	.36	1.38	0
10	3	1	1	4.91	4.16	4.16	C.00	.69175	-.27	-1.14	180
10	3	2	1	2.66	1.03	1.03	C.00	.72787	.74	2.51	0
10	4	-10	1	3.11	2.03	-2.03	C.00	.75284	1.63	3.06	0
10	4	-9	1	6.52	7.14	7.14	C.00	.71626	1.08	2.28	0
10	4	-8	1	3.94	2.87	2.87	C.00	.68484	-.62	-2.03	0
10	4	-7	1	4.81	4.13	4.13	C.00	.65933	1.07	3.03	0
10	4	-6	1	7.54	7.42	7.42	C.00	.64043	.67	2.16	0
10	4		1				C.00		.12	.52	0

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
10	4	-5	1	14.59	14.90	-14.90	C.00	.62875	-.31	-1.67	180	
10	4	-4	1	4.45	4.50	-4.50	C.00	.62467	-.05	-.18	180	
10	4	-3	1	1.28	.54	-.54	C.00	.62836	.74	.81	180	
10	4	-2	1	4.85	5.01	5.01	C.00	.63968	-.16	-.51	0	
10	4	-1	1	2.19	1.71	1.71	C.00	.65823	.47	.82	0	
10	4	0	1	9.35	8.98	8.98	C.00	.68343	.42	1.85	180	
10	4	1	1	2.77	2.69	-2.69	C.00	.71457	.08	.14	180	
10	4	2	1	8.77	7.89	-7.89	C.00	.75092	.88	3.58	180	
10	4	3	1	11.74	11.47	11.47	C.00	.72810	.26	1.17	180	
10	5	-9	1	4.06	5.01	-5.01	C.00	.69864	-.95	-2.43	180	
10	5	-8	1	3.29	4.33	-4.33	C.00	.67513	-1.03	-2.43	180	
10	5	-7	1	2.98	2.06	-2.06	C.00	.65819	.92	2.26	180	
10	5	-6	1	5.85	5.92	5.92	C.00	.64836	-.07	-.26	0	
10	5	-5	1	7.02	6.89	6.89	C.00	.64595	.12	.48	0	
10	5	-4	1	7.98	8.27	8.27	C.00	.65105	-.29	-1.20	0	
10	5	-3	1	1.33	1.22	-1.22	C.00	.66348	.11	.12	180	
10	5	-2	1	1.34	.79	.79	C.00	.68284	.56	.61	0	
10	5	-1	1	6.68	5.72	-5.72	C.00	.70856	.97	3.56	180	
10	5	0	1	1.51	.16	-.16	C.00	.73999	1.35	1.40	180	
10	6	-9	1	4.42	4.27	-4.27	C.00	.74304	.15	.38	180	
10	6	-8	1	2.95	1.33	-1.33	C.00	.71559	1.63	3.47	180	
10	6	-7	1	7.35	7.42	7.42	C.00	.69408	-.07	-.27	0	
10	6	-6	1	10.37	11.10	-11.10	C.00	.67909	-.72	-3.26	180	
10	6	-5	1	5.76	6.13	6.13	C.00	.67105	-.36	-1.21	0	
10	6	-4	1	3.20	2.93	2.93	C.00	.67020	.28	.64	0	
10	6	-3	1	2.55	.76	-.76	C.00	.67659	1.79	3.43	180	
10	6	-2	1	4.11	2.88	2.88	C.00	.65000	1.24	3.64	180	
10	6	-1	1	4.85	4.04	-4.04	C.00	.71003	.81	2.34	180	
10	7	0	1	7.25	7.78	-7.78	C.00	.73616	-.53	-1.84	180	
10	7	1	1	3.10	1.81	1.81	C.00	.73547	1.29	2.77	0	
10	7	2	1	4.24	3.96	-3.96	C.00	.71595	.28	.77	180	
10	7	3	1	7.71	7.79	7.79	C.00	.70284	-.09	-.34	0	
10	7	4	1	2.25	2.61	2.61	C.00	.69650	-.36	-.54	0	
10	7	5	1	4.72	5.01	-5.01	C.00	.69711	-.29	-.83	180	
10	7	6	1	10.78	11.00	-11.00	C.00	.70466	-.22	-.96	180	
10	7	7	1	6.94	7.02	7.02	C.00	.71893	-.08	-.28	0	
10	7	8	1	3.05	3.88	3.88	C.00	.73953	-.84	-1.47	180	
10	7	9	1	1.44	.69	-.69	C.00	.74047	.76	.73	180	
10	8	-1	1	1.74	2.26	-2.26	C.00	.72917	-.52	-.62	180	
10	8	-2	1	1.43	1.57	-1.57	C.00	.72443	-.14	-.14	180	
10	8	-3	1	3.67	3.73	-3.73	C.00	.72639	-.05	-.12	180	
10	8	-4	1	7.44	7.32	7.32	C.00	.73499	.12	.44	0	
10	8	-5	1	5.88	5.27	-5.27	C.00	.75000	.61	1.93	180	
10	8	-6	1	7.70	6.92	-6.92	C.00	.75456	.79	2.91	180	
10	9	-7	1	1.47	.92	-.92	C.00	.74657	.54	.52	180	
10	9	-8	1	3.22	2.28	-2.28	C.00	.73958	.94	2.02	180	
10	9	-9	1	2.42	.37	.37	C.00	.74524	.47	1.03	0	
10	9	-10	1	3.46	2.99	2.99	C.00	.75774	2.05	3.37	0	
10	9	-11	1	2.24	.39	.39	C.00	.75192	1.85	2.64	0	
10	9	-12	1	4.28	3.58	-3.58	C.00	.73316	.69	1.78	180	
10	9	-13	1	4.63	4.29	-4.29	C.00	.72069	.34	.91	180	
10	9	-14	1	1.45	.34	-.34	C.00	.71484	-1.01	-1.69	180	
10	9	-15	1	2.63	3.64	3.64	C.00				0	

H	K	L	GRP	FU	FC	A	B	SINH/LM	DF	W*DF	ANGLE CALC
11	-9	-1	1	4.43	3.95	3.95	0.00	.71577	.49	1.31	0
11	-9	0	1	2.86	.07	.07	0.00	.72345	2.79	5.54	0
11	-9	1	1	1.52	1.46	-1.46	0.00	.73767	.06	.05	180
11	-8	0	1	5.03	4.51	-4.51	0.00	.75095	.52	1.45	180
11	-8	-5	1	3.40	1.17	1.17	0.00	.72686	2.23	5.18	0
11	-8	-4	1	2.01	.81	-.81	0.00	.70884	1.20	1.80	180
11	-8	-3	1	1.40	.40	.40	0.00	.65736	.99	.99	0
11	-8	-2	1	1.37	1.41	-1.41	0.00	.69275	-.03	-.03	180
11	-8	-1	1	5.29	5.88	5.88	0.00	.69513	-.59	-1.88	0
11	-8	0	1	4.10	3.24	3.24	0.00	.70445	.86	2.28	0
11	-8	1	1	6.39	6.33	-6.33	0.00	.72043	.05	.18	180
11	-8	2	1	12.85	12.63	-12.63	0.00	.74264	.22	.97	180
11	-7	-7	1	1.48	.53	-.53	0.00	.75704	.95	.90	180
11	-7	-6	1	1.45	1.70	1.70	0.00	.72785	-.25	-.24	0
11	-7	-5	1	1.40	.26	-.26	0.00	.70438	1.14	1.14	180
11	-7	-4	1	12.05	11.69	11.69	0.00	.68722	.36	1.69	0
11	-7	-3	1	6.20	6.40	6.40	0.00	.67684	-.19	-.73	0
11	-7	-2	1	6.67	8.51	8.51	0.00	.67356	-.15	-.57	0
11	-7	-1	1	8.70	8.51	-8.51	0.00	.67748	.19	.78	180
11	-7	0	1	3.36	2.60	-2.60	0.00	.68848	.76	1.84	180
11	-7	1	1	7.07	7.32	-7.32	0.00	.70623	-.25	-.89	180
11	-7	2	1	3.78	3.88	3.88	0.00	.73024	-.11	-.25	0
11	-6	-6	1	4.26	3.53	3.53	0.00	.73609	.73	1.85	0
11	-6	-5	1	2.66	2.69	-2.69	0.00	.70744	-.03	-.06	180
11	-6	-4	1	3.06	2.02	2.02	0.00	.68472	1.04	2.30	0
11	-6	-3	1	1.30	.66	-.66	0.00	.66854	.64	.69	180
11	-6	-2	1	2.92	.46	-.46	0.00	.65938	2.46	5.54	180
11	-6	-1	1	3.99	3.43	3.43	0.00	.65752	.56	1.65	0
11	-6	0	1	1.31	1.26	1.26	0.00	.66304	.05	.06	0
11	-6	1	1	3.38	2.29	-2.29	0.00	.67575	1.10	2.72	180
11	-6	2	1	4.40	4.68	4.68	0.00	.69525	-.29	-.76	0
11	-6	3	1	10.36	10.26	10.26	0.00	.72101	.09	.39	0
11	-5	-5	1	2.95	3.01	-3.01	0.00	.75236	-.06	-.11	0
11	-5	-4	1	1.74	2.82	-2.82	0.00	.75135	-1.08	-1.19	180
11	-5	-3	1	4.44	5.03	-5.03	0.00	.71794	-.59	-1.56	180
11	-5	-2	1	3.84	3.92	3.92	0.00	.68997	-.08	-.21	0
11	-5	-1	1	7.09	6.82	-6.82	0.00	.66835	.28	1.10	180
11	-5	0	1	14.88	14.88	-14.88	0.00	.65308	.01	.04	180
11	-5	1	1	5.43	5.92	5.92	0.00	.64524	-.49	-1.72	0
11	-5	2	1	2.66	2.36	-2.36	0.00	.64488	.30	.64	180
11	-5	-1	1	3.68	4.27	-4.27	0.00	.65203	-.59	-1.52	180
11	-5	0	1	8.28	8.47	8.47	0.00	.66644	-.20	-.83	0
11	-5	1	1	6.74	6.63	6.63	0.00	.68766	.11	.39	0
11	-5	2	1	2.29	.21	-.21	0.00	.71507	2.09	3.36	180
11	-5	3	1	2.61	.13	.13	0.00	.74801	2.48	4.23	0
11	-4	-8	1	10.59	10.43	10.43	0.00	.73554	.16	.69	0
11	-4	-7	1	9.84	10.32	-10.32	0.00	.70279	-.48	-2.06	180
11	-4	-6	1	2.66	.32	-.32	0.00	.67567	2.35	4.63	180
11	-4	-5	1	4.56	4.05	-4.05	0.00	.65489	.50	1.52	180
11	-4	-4	1	4.64	4.25	-4.25	0.00	.64106	.38	1.23	0
11	-4	-3	1	4.56	5.02	-5.02	0.00	.63463	-.46	-1.40	180
11	-4	-2	1	2.23	1.05	1.05	0.00	.63584	1.18	2.24	0
11	-4	-1	1	3.08	2.59	-2.59	0.00	.64463	.49	1.17	180

ANGLE  
STAT

H	K	L	GRP	FG	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
11	-4	0	1	5.78	6.44	-6.44	C.00	.66071	-.66	-2.34	180	
11	-4	1	1	2.19	2.51	-2.51	C.00	.68356	-.32	-.52	180	
11	-4	2	1	1.95	2.11	2.11	C.00	.71253	-.15	-.21	180	
11	-4	3	1	1.47	.23	.23	C.00	.74690	1.25	1.19	0	
11	-3	-7	1	1.65	3.28	-3.28	C.00	.72277	-1.62	-1.75	180	
11	-3	-6	1	2.86	4.25	4.25	C.00	.69085	-1.39	-2.57	0	
11	-3	-5	1	1.32	1.17	-1.17	C.00	.66474	.15	.15	180	
11	-3	-4	1	1.32	.44	.44	C.00	.64514	.87	.93	180	
11	-3	-3	1	14.48	14.48	14.48	C.00	.63267	-.15	-.81	0	
11	-3	-2	1	1.32	1.20	-1.20	C.00	.62774	.11	.12	180	
11	-3	-1	1	4.36	3.89	-3.89	C.00	.63054	.47	1.56	180	
11	-3	0	1	2.19	3.58	3.58	C.00	.64096	.39	-2.29	0	
11	-3	1	1	8.76	8.87	-8.87	C.00	.65863	-.11	-.47	180	
11	-3	2	1	1.34	.95	.95	C.00	.66301	.39	.41	180	
11	-3	3	1	4.67	3.46	3.46	C.00	.71339	1.21	3.61	0	
11	-3	4	1	1.44	1.53	-1.53	C.00	.74906	-.08	-.06	180	
11	-2	-9	1	2.96	1.97	-1.97	C.00	.74934	.99	1.90	180	
11	-2	-8	1	4.70	4.98	-4.98	C.00	.71319	-.28	-.82	180	
11	-2	-7	1	8.09	8.14	-8.14	C.00	.68228	-.05	-.22	180	
11	-2	-6	1	5.70	5.24	5.24	C.00	.65734	.46	1.65	0	
11	-2	-5	1	12.29	12.49	12.49	C.00	.63908	.46	-1.03	0	
11	-2	-4	1	4.24	4.27	4.27	C.00	.62807	-.03	-.11	0	
11	-2	-3	1	1.30	.99	.99	C.00	.62470	.31	.33	180	
11	-2	-2	1	3.11	3.92	-3.92	C.00	.62909	-.81	-1.76	180	
11	-2	-1	1	11.28	11.30	-11.30	C.00	.64108	-.02	-.08	180	
11	-2	0	1	2.66	.55	.55	C.00	.64026	2.11	4.19	180	
11	-2	1	1	1.37	1.20	-1.20	C.00	.68602	.17	.18	180	
11	-2	2	1	1.44	1.35	-1.35	C.00	.71767	.09	.09	180	
11	-2	3	1	8.19	8.41	8.41	C.00	.75445	-.22	-.81	0	
11	-1	-9	1	9.94	10.39	-10.39	C.00	.74206	-.45	-1.77	180	
11	-1	-8	1	2.91	3.20	3.20	C.00	.70695	-.29	-.63	0	
11	-1	-7	1	6.58	6.85	6.85	C.00	.67722	-.28	-1.06	0	
11	-1	-6	1	1.35	1.37	-1.37	C.00	.65361	-.03	-.03	180	
11	-1	-5	1	4.47	4.69	4.69	C.00	.63680	-.23	-.70	0	
11	-1	-4	1	5.29	5.19	-5.19	C.00	.62733	.10	.37	180	
11	-1	-3	1	9.35	8.77	-8.77	C.00	.62554	.58	2.90	180	
11	-1	-2	1	2.29	2.28	-2.28	C.00	.63150	.01	.01	160	
11	-1	-1	1	2.97	.89	.89	C.00	.64499	2.08	4.92	0	
11	-1	0	1	5.10	4.07	-4.07	C.00	.66555	1.03	3.51	180	
11	-1	1	1	3.99	4.46	4.46	C.00	.69256	-.47	-1.19	0	
11	-1	2	1	1.44	1.56	-1.56	C.00	.72529	-.12	-.11	180	
11	-1	3	1	2.76	2.51	2.51	C.00	.73802	.26	.45	0	
11	0	-8	1	1.33	.07	.07	C.00	.70412	1.25	1.33	0	
11	0	-7	1	6.59	6.83	6.83	C.00	.67573	-.24	-.87	0	
11	0	-6	1	2.23	1.50	1.50	C.00	.65359	.72	1.35	0	
11	0	-5	1	2.74	2.44	-2.44	C.00	.63834	.30	.68	180	
11	0	-4	1	3.07	3.47	-3.47	C.00	.63047	-.40	-.94	180	
11	0	-3	1	1.28	.84	.84	C.00	.63027	.44	.46	0	
11	0	-2	1	10.42	1.78	-1.78	C.00	.63775	-.50	-.55	180	
11	0	-1	1	10.63	10.23	10.23	C.00	.65263	.19	.97	0	
11	0	0	1	5.82	5.39	-5.39	C.00	.70251	.43	.91	0	
11	0	1	1	1.47	2.98	-2.98	C.00	.73615	-1.51	-1.44	180	

H	K	L	GRP	FU	FC	A	B	SIN/H/LM	DF	W*DF	ANGLE CALC
11	1	-9	1	1.42	.42	.42	0.00	.73727	1.00	.99	0
11	1	-8	1	1.57	.84	.84	0.00	.70474	1.14	1.63	0
11	1	-7	1	5.35	5.22	-5.22	0.00	.67785	.13	.45	180
11	1	-6	1	1.33	1.33	1.33	0.00	.65730	-.00	-.00	0
11	1	-5	1	1.30	1.08	-1.08	0.00	.64367	.22	.24	180
11	1	-4	1	1.27	1.25	-1.25	0.00	.63744	.02	.03	180
11	1	-3	1	17.12	17.19	17.19	0.00	.63860	-.07	-.36	0
11	1	-2	1	1.31	.16	-.16	0.00	.64771	1.14	1.22	180
11	1	-1	1	9.09	.25	-9.25	0.00	.66387	-.16	-.71	180
11	1	0	1	1.39	.09	-.09	0.00	.68676	1.29	1.31	180
11	1	1	1	2.03	2.03	2.03	0.00	.71574	.00	.00	0
11	1	2	1	1.47	.75	.75	0.00	.75011	.72	.69	0
11	2	-9	1	2.51	3.50	-3.50	0.00	.73983	-.99	-1.54	180
11	2	-8	1	5.38	5.08	-5.08	0.00	.70882	.30	.97	180
11	2	-7	1	4.73	4.70	4.70	0.00	.68355	.02	.07	0
11	2	-6	1	6.29	5.86	-5.86	0.00	.66466	.42	1.69	180
11	2	-5	1	1.30	1.43	1.43	0.00	.65272	-.13	-.14	0
11	2	-4	1	1.29	1.32	1.32	0.00	.64810	-.03	-.03	0
11	2	-3	1	4.72	5.18	5.18	0.00	.65097	-.47	-1.50	0
11	2	-2	1	6.50	6.68	-6.68	0.00	.66122	-.18	-.66	180
11	2	-1	1	6.67	6.44	6.44	0.00	.67852	.23	.90	0
11	2	0	1	12.35	12.47	-12.47	0.00	.70235	-.13	-.58	180
11	2	1	1	1.42	1.41	1.41	0.00	.73207	.01	.01	0
11	3	-9	1	2.58	2.41	-2.41	0.00	.74565	.17	.30	180
11	3	-8	1	3.66	4.26	-4.26	0.00	.71628	-.61	-1.32	180
11	3	-7	1	1.40	.96	.96	0.00	.69272	.44	.47	0
11	3	-6	1	7.96	8.19	8.19	0.00	.67556	-.22	-.96	0
11	3	-5	1	4.65	4.36	4.36	0.00	.66531	.29	.88	0
11	3	-4	1	1.33	1.25	1.25	0.00	.66228	.09	.09	0
11	3	-3	1	9.91	10.04	-10.04	0.00	.66658	-.13	-.61	180
11	3	-2	1	1.42	1.92	1.92	0.00	.67806	-.50	-.53	0
11	3	-1	1	3.55	2.52	-2.52	0.00	.69637	1.02	2.46	180
11	3	0	1	4.96	4.50	4.50	0.00	.72099	.46	1.42	0
11	3	1	1	9.44	8.87	8.87	0.00	.75130	.59	2.36	0
11	4	-9	1	9.34	9.48	9.48	0.00	.75467	-.14	-.57	0
11	4	-8	1	4.15	3.98	3.98	0.00	.72704	.17	.46	0
11	4	-7	1	4.45	4.57	-4.57	0.00	.70524	-.12	-.35	180
11	4	-6	1	2.92	2.52	-2.52	0.00	.68984	.39	.87	180
11	4	-5	1	4.40	4.29	4.29	0.00	.68126	.11	.30	0
11	4	-4	1	3.65	3.70	-3.70	0.00	.67977	-.04	-.12	180
11	4	-3	1	7.37	7.19	-7.19	0.00	.68540	.18	.72	180
11	4	-2	1	1.35	1.47	-1.47	0.00	.69800	-.11	-.12	180
11	4	-1	1	1.56	.95	.95	0.00	.71719	.61	.65	0
11	4	0	1	10.13	9.97	9.97	0.00	.74245	.16	.71	0
11	5	-8	1	3.73	3.64	-3.64	0.00	.74093	.09	.22	180
11	5	-7	1	6.22	6.22	6.22	0.00	.72093	-.01	-.03	0
11	5	-6	1	5.34	5.73	-5.73	0.00	.70728	-.40	-1.26	180
11	5	-5	1	7.95	7.58	-7.58	0.00	.70034	.37	1.50	180
11	5	-4	1	11.00	11.32	-11.32	0.00	.70030	-.26	-1.19	180
11	5	-3	1	4.00	4.26	4.26	0.00	.70718	-.26	-.68	0
11	5	-2	1	1.73	.47	.47	0.00	.72078	1.26	1.51	0
11	5	-1	1	3.58	1.01	1.01	0.00	.74071	2.57	6.60	0
11	6	-7	1	2.26	.27	.27	0.00	.73960	1.99	3.07	0

H	K	L	GRP	FU	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
11	6	-6	1	3.63	1.97	1.97	0.00	.72766	1.66	3.97	0	
11	6	-5	1	5.05	4.94	4.94	0.00	.72229	.11	.32	0	
11	6	-4	1	6.08	5.88	5.88	0.00	.72363	.20	.71	0	
11	6	-3	1	13.52	13.60	-13.60	0.00	.73165	-.08	-.39	180	
11	6	-2	1	3.44	2.62	2.62	0.00	.74613	.87	1.99	0	
11	7	-6	1	5.57	4.81	4.81	0.00	.75074	.76	2.40	0	
11	7	-5	1	1.39	.45	.45	0.00	.74687	.94	.95	0	
11	7	-4	1	3.05	4.39	4.39	0.00	.74950	-1.34	-2.31	0	
12	-8	-4	1	4.64	4.93	-4.93	0.00	.75246	-.29	-.77	180	
12	-8	-3	1	3.29	.19	.19	0.00	.74373	3.11	7.02	0	
12	-8	-2	1	9.35	8.95	8.95	0.00	.74148	.40	1.62	0	
12	-8	-1	1	10.32	10.75	-10.75	0.00	.74577	-.43	-1.82	180	
12	-8	0	1	2.61	1.88	1.88	0.00	.75650	.73	1.27	0	
12	-7	-5	1	7.64	6.52	-6.52	0.00	.74708	1.12	4.33	180	
12	-7	-4	1	8.31	8.41	8.41	0.00	.73302	-.09	-.36	0	
12	-7	-3	1	6.02	5.20	5.20	0.00	.72542	.82	2.87	0	
12	-7	-2	1	2.61	.99	.99	0.00	.72448	1.62	2.98	0	
12	-7	-1	1	4.79	4.38	4.38	0.00	.73023	.41	1.15	0	
12	-7	0	1	3.06	2.42	-2.42	0.00	.74252	.63	1.35	180	
12	-6	-6	1	2.19	3.12	3.12	0.00	.74879	-.94	-1.23	0	
12	-6	-5	1	6.13	6.34	6.34	0.00	.72947	-.21	-.64	0	
12	-6	-4	1	1.40	1.38	1.38	0.00	.71645	.03	.03	0	
12	-6	-3	1	4.53	5.27	5.27	0.00	.71007	-.74	-1.89	0	
12	-6	-2	1	6.12	1.32	-1.32	0.00	.71052	.46	.58	180	
12	-6	-1	1	7.80	5.85	-5.85	0.00	.71777	.27	.96	180	
12	-6	0	1	1.47	7.72	-7.72	0.00	.73163	.08	.30	180	
12	-6	1	1	1.47	.65	-.65	0.00	.75173	.82	.78	180	
12	-5	-7	1	5.66	6.07	-6.07	0.00	.75754	-.41	-1.26	180	
12	-5	-6	1	2.60	1.01	1.01	0.00	.73319	1.59	2.69	0	
12	-5	-5	1	3.70	3.47	3.47	0.00	.71485	.24	.57	0	
12	-5	-4	1	4.17	3.69	3.69	0.00	.70297	.48	1.29	0	
12	-5	-3	1	8.40	8.08	-8.08	0.00	.69789	.32	1.35	180	
12	-5	-2	1	1.40	1.06	1.06	0.00	.69977	.34	.34	0	
12	-5	-1	1	1.40	2.24	2.24	0.00	.70853	-.85	-.85	0	
12	-5	0	1	2.28	.81	-.81	0.00	.72394	1.48	2.47	180	
12	-5	1	1	2.81	3.69	3.69	0.00	.74558	-.88	-1.54	0	
12	-4	-7	1	2.85	1.95	1.95	0.00	.74408	.90	1.74	0	
12	-4	-6	1	3.30	2.37	2.37	0.00	.72066	.92	2.06	0	
12	-4	-5	1	3.76	3.55	-3.55	0.00	.70339	.21	.55	180	
12	-4	-4	1	1.44	1.03	1.03	0.00	.69276	.41	.43	0	
12	-4	-3	1	2.15	1.76	-1.76	0.00	.68905	.38	.56	180	
12	-4	-2	1	1.44	2.11	2.11	0.00	.69238	-.68	-.66	0	
12	-4	-1	1	9.37	9.30	9.30	0.00	.70265	.07	.31	0	
12	-4	0	1	2.81	3.56	3.56	0.00	.71957	-.75	-1.38	0	
12	-4	1	1	2.05	1.81	1.81	0.00	.74268	.24	.31	0	
12	-3	-7	1	1.44	.97	-.97	0.00	.73370	.44	.43	180	
12	-3	-6	1	5.77	5.59	-5.59	0.00	.71133	.18	.61	180	
12	-3	-5	1	3.33	2.86	-2.86	0.00	.65527	.46	1.09	180	
12	-3	-4	1	2.56	1.06	1.06	0.00	.68595	1.51	2.96	0	
12	-3	-3	1	1.41	2.07	2.07	0.00	.68366	-.66	-.65	0	
12	-3	-2	1	4.34	3.85	3.85	0.00	.68847	.49	1.47	0	
12	-3	-1	1	1.37	.83	-.83	0.00	.70022	.54	.55	180	
12	-3	0	1	3.50	.55	-.55	0.00	.71857	2.96	7.21	180	

H	K	L	GRP	FD	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC
12	-3	1	1	3.14	2.63	-2.63	0.00	.74305	.52	1.02	180
12	-2	-8	1	5.42	4.23	-4.23	0.00	.75360	1.19	3.67	180
12	-2	-7	1	1.38	.34	.34	0.00	.72654	1.05	1.06	0
12	-2	-6	1	1.77	1.35	-1.35	0.00	.70535	.42	.56	180
12	-2	-5	1	1.40	2.21	-2.21	0.00	.65059	-.81	-.81	180
12	-2	-4	1	1.40	2.80	-2.80	0.00	.68267	-1.41	-1.41	180
12	-2	-3	1	9.80	10.38	10.38	0.00	.6E182	-.58	-2.53	0
12	-2	-2	1	1.94	.03	.03	0.00	.68808	1.91	2.72	0
12	-2	-1	1	1.62	1.27	-1.27	0.00	.70126	.35	.41	180
12	-2	0	1	5.79	5.70	-5.70	0.00	.72097	.09	.29	180
12	-2	1	1	5.38	5.05	-5.05	0.00	.74670	.33	.96	180
12	-1	1	1	2.86	2.08	-2.08	0.00	.74857	.78	1.47	160
12	-1	-8	1	3.40	3.58	3.58	0.00	.72268	.17	-.38	0
12	-1	-7	1	1.70	1.36	-1.36	0.00	.70280	.34	.45	180
12	-1	-6	1	7.52	7.98	7.98	0.00	.68942	.46	1.85	0
12	-1	-5	1	5.97	5.43	5.43	0.00	.68294	.54	1.98	0
12	-1	-4	1	1.36	.79	-.79	0.00	.68355	.57	.58	180
12	-1	-3	1	7.86	7.74	-7.74	0.00	.69124	.12	.49	180
12	-1	-2	1	3.17	1.91	-1.91	0.00	.70576	1.26	2.85	180
12	-1	0	1	1.37	.32	-.32	0.00	.72672	1.05	1.08	180
12	0	1	1	5.18	4.26	4.26	0.00	.75357	.91	2.66	0
12	0	-8	1	3.26	3.18	3.18	0.00	.74677	.08	.16	0
12	0	-7	1	3.06	1.00	-1.00	0.00	.72220	2.06	4.45	180
12	0	-6	1	1.38	1.00	-1.00	0.00	.70371	.38	.39	180
12	0	-5	1	2.35	2.88	-2.88	0.00	.69179	-.54	-.93	180
12	0	-4	1	1.34	1.17	-1.17	0.00	.68678	.17	.17	180
12	0	-3	1	2.46	1.76	-1.76	0.00	.68883	.70	1.30	180
12	0	-2	1	1.41	2.51	-2.51	0.00	.69788	-1.10	-1.09	180
12	0	-1	1	6.01	4.95	4.95	0.00	.71366	1.07	3.62	180
12	0	0	1	1.75	.55	.55	0.00	.73575	1.20	1.49	0
12	0	1	1	2.67	2.42	2.42	0.00	.74823	.25	.42	0
12	1	-7	1	4.43	3.52	-3.52	0.00	.72508	.91	2.59	180
12	1	-6	1	2.01	.11	-.11	0.00	.70807	1.90	2.96	180
12	1	-5	1	3.20	.35	-.35	0.00	.69765	2.86	7.23	180
12	1	-4	1	13.64	13.82	-13.82	0.00	.69412	-.18	-.84	180
12	1	-3	1	6.99	6.59	6.59	0.00	.69757	-.60	-2.05	0
12	1	-2	1	3.75	4.02	-4.02	0.00	.70792	-.28	-.66	180
12	1	-1	1	1.40	.03	.03	0.00	.72485	1.37	1.37	0
12	1	0	1	2.53	1.54	-1.54	0.00	.74793	1.00	1.73	180
12	2	-8	1	6.38	5.99	-5.99	0.00	.75294	.39	1.33	180
12	2	-7	1	1.50	.69	-.69	0.00	.73130	.81	.82	180
12	2	-6	1	6.54	6.37	6.37	0.00	.71583	.17	.59	0
12	2	-5	1	6.45	6.52	6.52	0.00	.70693	-.07	-.22	0
12	2	-4	1	8.11	7.43	7.43	0.00	.70485	.68	2.75	0
12	2	-3	1	6.95	7.03	-7.03	0.00	.70965	-.08	-.28	180
12	2	-2	1	1.45	.32	.32	0.00	.72120	1.17	1.10	0
12	2	-1	1	3.15	1.64	-1.64	0.00	.73918	1.52	2.89	180
12	3	-6	1	1.45	.39	-.39	0.00	.74076	1.06	1.02	180
12	3	-5	1	3.49	.83	.83	0.00	.72686	2.66	6.70	0
12	3	-4	1	4.30	3.69	3.69	0.00	.71948	.61	1.59	0
12	3	-3	1	16.95	16.58	16.58	0.00	.71882	.38	1.81	0
12	3	-2	1	1.46	1.80	-1.80	0.00	.72490	-.35	-.33	0
12	3	-1	1	1.49	1.43	-1.43	0.00	.73756	.07	.06	180

ANGLE  
STAT

H	K	L	GRP	FU	FC	A	B	SIN <sup>2</sup> θ/LK	DF	W*DF	ANGLE CALC	ANGLE STAT
12	3	-1	1	3.29	.58	.58	0.00	.75646	2.71	5.93	180	
12	4	-7	1	5.74	4.86	4.86	0.00	.75335	.88	2.70	0	
12	4	-6	1	4.19	.13	.13	0.00	.74102	4.06	11.11	0	
12	4	-5	1	3.58	3.29	3.29	0.00	.73514	.29	.66	0	
12	4	-4	1	12.65	12.46	-12.46	0.00	.73585	.17	.76	180	
12	4	-3	1	2.14	1.96	1.96	0.00	.74313	.19	.28	0	
12	5	-2	1	3.01	3.77	3.77	0.00	.75679	-.76	-1.32	0	
12	5	-5	1	2.95	3.48	-3.48	0.00	.75372	-.53	-.96	180	
12	5	-4	1	2.55	.43	-.43	0.00	.75572	2.13	3.58	180	
13	-5	-4	1	5.81	5.22	5.22	0.00	.75455	.59	1.63	180	
13	-5	-3	1	1.45	1.17	-1.17	0.00	.75186	.28	.27	180	
13	-5	-2	1	1.50	2.39	-2.39	0.00	.75564	-.89	-.83	180	
13	-4	-5	1	6.15	6.21	-6.21	0.00	.75377	-.05	-.17	180	
13	-4	-4	1	1.49	1.97	1.97	0.00	.74591	-.47	-.45	0	
13	-4	-3	1	3.25	.42	-.42	0.00	.74454	2.83	6.17	180	
13	-4	-2	1	2.12	1.50	-1.50	0.00	.74967	.43	.54	180	
13	-3	-5	1	2.12	1.49	1.49	0.00	.74706	.63	.85	0	
13	-3	-4	1	9.68	9.26	-9.26	0.00	.74048	.41	1.76	180	
13	-3	-3	1	2.87	1.47	1.47	0.00	.74044	1.40	2.60	0	
13	-3	-2	1	4.13	3.90	3.90	0.00	.74693	.23	.58	0	
13	-2	-6	1	1.46	.12	-.12	0.00	.75529	1.36	1.28	180	
13	-2	-5	1	5.39	5.67	5.67	0.00	.74359	-.28	-.87	0	
13	-2	-4	1	1.72	1.76	1.76	0.00	.73832	-.04	-.05	0	
13	-2	-3	1	9.47	9.11	9.11	0.00	.73962	.36	1.53	0	
13	-2	-2	1	1.49	2.52	-2.52	0.00	.74745	-1.03	-.97	180	
13	-1	-6	1	1.44	.71	.71	0.00	.75377	.73	.74	0	
13	-1	-5	1	1.44	.10	.10	0.00	.74338	1.32	1.30	0	
13	-1	-4	1	11.77	11.96	11.96	0.00	.73946	-.19	-.79	0	
13	-1	-3	1	4.85	4.73	4.73	0.00	.74209	.12	.32	0	
13	-1	-2	1	3.40	4.83	4.83	0.00	.75123	-1.43	-2.69	0	
13	0	-6	1	1.39	.82	.82	0.00	.75548	.58	.58	0	
13	0	-5	1	1.42	.38	-.38	0.00	.74645	1.04	1.02	180	
13	0	-4	1	3.85	3.65	-3.65	0.00	.74388	.20	.44	180	
13	0	-3	1	2.45	2.53	-2.53	0.00	.74783	-.08	-.13	180	
13	1	-5	1	2.44	3.17	3.17	0.00	.75275	-.74	-1.08	0	
13	1	-4	1	7.18	6.98	6.98	0.00	.75153	.20	.70	180	
13	1	-3	1	9.27	9.22	-9.22	0.00	.75675	.04	.16	180	

REFLECTION STATISTICS

NUMBER OF ATOMS IN THE ASYMMETRIC UNIT 39  
 NUMBER OF REFLECTIONS 4860  
 NUMBER OF OBSERVED REFLECTIONS 3487  
 NUMBER OF LESS-THAN REFLECTIONS 1373  
 NUMBER OF REFLECTIONS IGNORED 0  
 REFLECTIONS WHERE FC/FC LIES OUTSIDE THE 0.1 TO 10.0 RANGE 4  
 OVERALL LINEAR SCALING RATIO 1.0072  
 SLOPE OF LN(FU/FC) VS (SIN(θ)/λ)\*\*2 -.2703

SCALE GROUP 1  
 NUMBER OF REFLECTIONS 4860  
 OLD F(RELATIVE) SCALE FACTORS .2124  
 NEW F(RELATIVE) SCALE FACTORS .2124  
 R-VALUES .2124



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* R(OVERALL) = .04594
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PREDICTED R VALUE OF .04770 IF OVERALL LEAST SQUARES SCALE OF .21824 WERE TO BE APPLIED.

FC COMPLETED

INTERCHANGED NFILEA = 6 NFILEB = 5.