

s_1	s_2	s_3	th_1	th_2	th_3	th_1_deg	th_2_deg	th_3_deg	sum	d_th_3/d_s_1
2.9999	2.0000	4.0000	0.812704	0.505352	1.823537	46.6	29.0	104.5	180.0	
3.0000	2.0000	4.0000	0.812756	0.505361	1.823477	46.6	29.0	104.5	180.0	-0.602480
3.0001	2.0000	4.0000	0.812807	0.505369	1.823416	46.6	29.0	104.5	180.0	-0.602448