

time	theta	dTime	dTheta	dTheta/dTime
-5	-0.1558442			
2.8	0	7.8	0.15584416	0.01998002
203	4	200.2	4	0.01998002
217	4.2	14	0.2	0.01428571
262.3	4.84714286	45.3	0.64714286	0.01428571
	4.84714286			
	-0.1558442			