Length of Rod	1st hole	Period	2nd hole	Period	3rd hole F	Period	4th hole	Period	5th hole	Period				
111.8			101.1	1.6676	96.5	1.6367	92	1.623						
1.118	1.059	1.6951	1.011	1.6604	0.965	1.6429	0.92	1.625	0.87	9 1.6148				
1.118		1.6892		1.6635		1.6416		1.6236		1.6179				
1.118		1.689	dx2	1.666	dx3	1.6401		1.6209		1.622				
1.118			0.452	1.6697	0.406	1.6351	0.361	1.6264						
1.118			0.452	1.6616	0.406	1.6428	0.361	1.6206						
1.118			0.452	1.6672	0.406	1.6345		1.6148						
1.118			0.452	1.6634	0.406	1.6377	0.361	1.6194						
1.118			0.452	1.6645	0.406	1.6341	0.361	1.6236						
1.118			0.452	1.6668	0.406	1.6413	0.361	1.623						
1.118			0.452		0.406		0.361		0.3					
1.118			0.452		0.406		0.361		0.3					
center of mass	0.5		0.452		0.406		0.361		0.3					
0.559			0.452		0.406		0.361		0.3					
0.559			0.452		0.406		0.361		0.3					
	g prediction	9.736525177		9.688186362		9.764317632		0.73472685	g prediction	9.740205179				
	÷ .	9.73193058	g prediction	9.772390386	g prediction	9.690759243	g prediction	9.709584132		9.772804312				
		9.800032244		9.736001829		9.706113746		9.727533262		9.735389554				
		9.802353289		9.736001629		9.700113740		9.75996736		9.686234622				
0.559		9.802353289		9.66383181		9.723875868		9.694068373		9.606705812				
0.559		9.72504478		9.758280331		9.691939065		9.763581159		9.658822732				
0.559		9.750328507		9.692835761		9.790620423		9.833844312		9.619695425				
0.559		9.745724137		9.737172479		9.752396845		9.778056444		9.622060003				
		9.73997326		9.724306933		9.795414165		9.727533262		9.587858744				
		9.72504478		9.697488508		9.709662274		9.733527367		9.55735034				
	average g	9.722600289												
	sigma t	statistical	resolution	evetomatic			sigma I	statistical	resolution	systematic	ciama v	statistical	resolution	evetematic
	sigma t			systematic 0.00005			-			-	sigma x			systematic
		0.02767569596	0.00005				0.000707106781		0.000		0.000866025403			0.0005
		0.02767569596	0.00005	0.00005			0.000707106781				0.000866025403			0.0005
		0.02767569596	0.00005	0.00005			0.000707106781				0.000866025403			0.0005
		0.02767569596	0.00005	0.00005			0.000707106781				0.000866025403			0.0005
		0.02767569596	0.00005	0.00005			0.000707106781				0.000866025403			0.0005
		0.02767569596	0.00005	0.00005			0.000707106781		0.000		0.000866025403			0.0005
		0.02767569596	0.00005	0.00005			0.000707106781	(0.000866025403			0.0005
		0.02767569596	0.00005	0.00005			0.000707106781		0.000		0.000866025403			0.0005
		0.02767569596	0.00005	0.00005			0.000707106781	(0.000866025403			0.0005
	0.02767578629	0.02767569596	0.00005	0.00005			0.000707106781	(0.000	5 0.0005	0.000866025403	0.0005	0.0005	0.0005
	derived equation													
	0.2333459271		0.2247926044		0.2180598213		0.2063591329		0.195788660	9				
	0.2331925461		0.227440321		0.2159357763		0.2057180606		0.196492921	1				
	0.2354703742		0.2262943363		0.2163782293		0.2061755832		0.195684807	1				
	0.2355481731		0.2253767697		0.2168906649		0.2070040004		0.194627410	3				
	0.2333842961		0.2240295101		0.2186137033		0.2053230974		0.192927004	1				
	0.2329627586		0.2269956321		0.2159697566		0.2070964355		0.194039863					
	0.2338069809		0.2249384214		0.2188220215		0.208898939		0.193203855	1				
	0.2336531443		0.2263311614		0.2177148474		0.2074669572		0.193254289	1				
	0.2334610624		0.2259266038		0.2189610863		0.2061755832		0.192525924	7				
	0.2329627586		0.2250843878		0.2164805521		0.2063285198		0.191878225	2				
	average error 0.21551587													