

lab #4

Parker Whaley

March 17, 2016

1 tabulation of data

The dementions of the masks in meeters and there focal positions for these $\delta = .0005m$.

R_i	R_o	R_{ave}	δR_{ave}	f
.013	.018	.0155	.0025	1.0765
.018	.0225	.02025	.00225	1.0720
.0225	.0295	.026	.0035	1.0660
.02875	.03425	.0315	.00275	1.0575
.035	.0395	.03725	.00225	1.0500
.039	.042	.0405	.0015	1.0415
.0415	.0455	.0435	.002	1.0340
.0445	.0495	.047	.0025	1.0270
.0495	.053	.05125	.00175	1.0180
.05325	.0565	.054875	.001625	1.0130
.05625	.05875	.0575	.00125	1.0010