	Numerator	Denominator			]	
	length of interval	length of dots				
	(unit: pixel)	(unit: pixel)	length (mm)	a (mm)		unit: mm
slit					stdev	0.000576637
red	43	53	6.409433962	4.95E-02	mean	5.01E-02
green	95	143	5.248251748	5.07E-02		
blue	73	143	4.032867133	5.02E-02		
wire					stdev	0.000771256
red	273	164	13.15060976	2.41E-02	mean	2.45E-02
green	176	125	11.1232	2.39E-02		
blue	181	179	7.988268156	2.53E-02		
hair					stdev	0.002640462
red	103	206	3.95	8.04E-02	mean	7.85E-02
green	76	173	3.470520231	7.66E-02		
gratings					stdev	3.1803E-05
red	755	187	31.89572193	9.95E-03	mean	9.9656E-03
green	630	186	26.75806452	9.94E-03		
blue	387	151	20.24701987	1.00E-02		

unit: mm	
L	500
red lam	6.35E-04
blue lam	5.32E-04
green lam	4.05E-04
dot	7.90E+00

λ	632.8	nm				
n	1.5216					
h	2	11				
r	4	mm	=	0.1574803	11	
cover glass		0	0.25			
X	x0 - x	θ	θ		m	θ1
0.072	0.344	9.828	9.828		4	9.782
0.125	0.291	8.329	8.329		3	8.275
0.199	0.217	6.222	6.222		2	6.425
0.277	0.139	3.99	3.99		1	3.752
0.544	-0.128	-3.649	-3.649		1	-3.752
0.636	-0.22	-6.247	-6.247		2	-6.425
0.71	-0.294	-8.312	-8.312		3	-8.275
0.766	-0.35	-9.857	-9.857		4	-9.782
x0	0.416	11			Δ	0.152
	dcover	0.2228	mm			
	фcover	0.111				

microscope slide		0	0.25		
Х	x0 - x	θ	θ	m	θ1
0.334	0.196	5.608	5.608	4	5.489
0.363	0.167	4.778	4.778	3	4.735
0.396	0.134	3.832	3.832	2	3.836
0.441	0.089	2.542	2.542	1	2.647
0.624	-0.094	-2.697	-2.697	1	-2.647
0.669	-0.139	-3.976	-3.976	2	-3.836
0.693	-0.163	-4.655	-4.655	3	-4.735
0.717	-0.187	-5.333	-5.333	4	-5.489
хО	0.53	"		Δ	0.0798
dcover	0.7864	mm			
фcover	2.5716				