

Gullstrandovo oko – akomodační klid

→

plocha č.	1	2	3	4	5	6
n'	1.376	1.336	1.386	1.406	1.386	1.336
n	1	1.376	1.336	1.386	1.406	1.386
r	7.7	6.8	10	7.911	-5.76	-6
d	0.5	3.1	0.546	2.419	0.635	
x ₁ plochy	0	0.5	3.6	4.146	6.565	7.2
x	nekon.	27.6787	27.3808	25.2193	22.0391	19.9691
X = n/x	0	0.04971	0.04879	0.05496	0.0638	0.06941
φ = (n'-n)/r	0.04883	-0.0059	0.005	0.00253	0.00347	0.00833
X' = n'/x'	0.04883	0.04383	0.05379	0.05749	0.06727	0.07774
x'	28.1787	30.4808	25.7653	24.4581	20.6041	17.1854
x'-d	27.6787	27.3808	25.2193	22.0391	19.9691	
x'/(x'-d)	1.01806	1.11322	1.02165	1.10976	1.0318	

←

	6	5	4	3	2	1
n'	1.386	1.406	1.386	1.336	1.376	1
n	1.336	1.386	1.406	1.386	1.336	1.376
r	6	5.76	-7.911	-10	-6.8	-7.7
d	0.635	2.419	0.546	3.1	0.5	
x ₁ plochy						
x	nekon.	165.685	116.356	94.3094	64.73	92.7424
X = n/x	0	0.00837	0.01208	0.0147	0.02064	0.01484
φ = (n'-n)/r	0.00833	0.00347	0.00253	0.005	-0.0059	0.04883
X' = n'/x'	0.00833	0.01184	0.01461	0.0197	0.01476	0.06367
x'	166.32	118.775	94.8554	67.83	93.2424	15.7065
x'-d	165.685	116.356	94.3094	64.73	92.7424	
x'/(x'-d)	1.00383	1.02079	1.00579	1.04789	1.00539	

obr. ohn. vzdál. a celk. opt. moh.

f' = 22.7846 mm
φ_c' = 58.6361 D

vzdálenosti od 6. plochy

x'(F') = 17.1854 mm
x'(H') = -5.5992 mm
x'(N') = 0.13106 mm

vzdálenosti od 1. plochy (rohovka)

x₁(F') = 24.3854 mm
x₁(H') = 1.6008 mm
x₁(N') = 7.33106 mm

předm. ohn. vzdál. a celk. opt. moh.

f = -17.054 mm
φ_c' = 58.6361 D

vzdálenosti od 1. plochy

x(F) = -15.706 mm
x(H) = 1.34786 mm
x(N) = 7.07811 mm

vzdálenosti od 1. plochy (rohovka)

x₁(F) = -15.706 mm
x₁(H) = 1.34786 mm
x₁(N) = 7.07811 mm

$x' = n'/x' = n/x + \phi = X + \phi$

