

lin[Empfindlichkeit]

$$\log V_o = -0,35[u_\lambda - u_{557}]^2$$

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 - 1,17$$

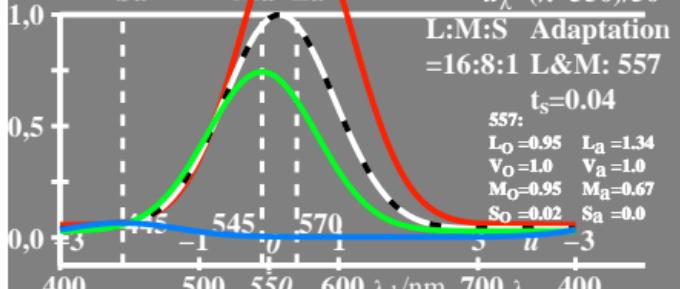
[V_o, L_a, M_a, S_a]

Sa

Ma

La

$$u_\lambda = (\lambda - 550)/50$$



fgp01-5a

$$\text{L:M:S Adaptation} = 16:8:1 \text{ L&M: } 557$$

$$t_s = 0,04$$

557:
 $L_o = 0,95$ $L_a = 1,34$
 $V_o = 1,0$ $V_a = 1,0$
 $M_o = 0,95$ $M_a = 0,67$
 $S_o = 0,02$ $S_a = 0,0$

lin[Empfindlichkeit]

$$\log V_o = -0,35[u_\lambda - u_{557}]^2$$

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 + 0,02$$

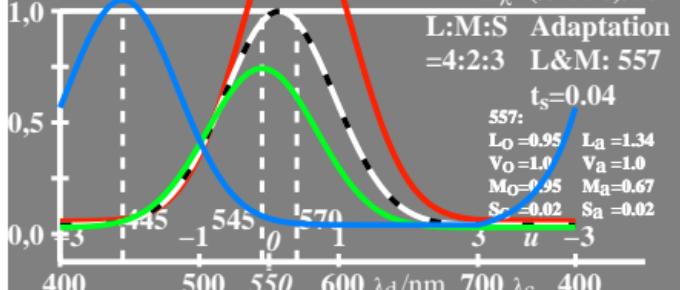
[V_o, L_a, M_a, S_a]

Sa

Ma

La

$$u_\lambda = (\lambda - 550)/50$$



fgp01-7a

$$\text{L:M:S Adaptation} = 4:2:3 \text{ L&M: } 557$$

$$t_s = 0,04$$

557:
 $L_o = 0,95$ $L_a = 1,34$
 $V_o = 1,0$ $V_a = 1,0$
 $M_o = 0,95$ $M_a = 0,67$
 $S_o = 0,02$ $S_a = 0,02$

fgp01-7n

lin[Sättigung]

$$\log V_o = -0,35[u_\lambda - u_{557}]^2$$

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 - 1,17$$

[$V_o/V_o, L_a/V_o, M_a/V_o, S_a/V_o$]

$$\log L_o = -0,35[u_\lambda - u_{570}]^2$$

$$\log M_o = -0,35[u_\lambda - u_{545}]^2$$

$$\log L_a = \log L_o + 0,17$$

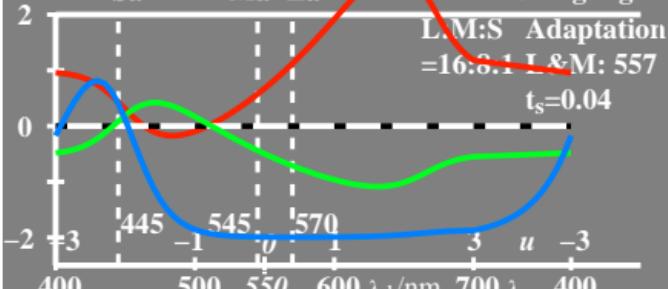
$$\log M_a = \log M_o - 0,13$$

Sättigung V

Sa

Ma

La



fgp01-6a

lin[Sättigung]

$$\log V_o = -0,35[u_\lambda - u_{557}]^2$$

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 + 0,02$$

[$V_o/V_o, L_a/V_o, M_a/V_o, S_a/V_o$]

$$\log L_o = -0,35[u_\lambda - u_{570}]^2$$

$$\log M_o = -0,35[u_\lambda - u_{545}]^2$$

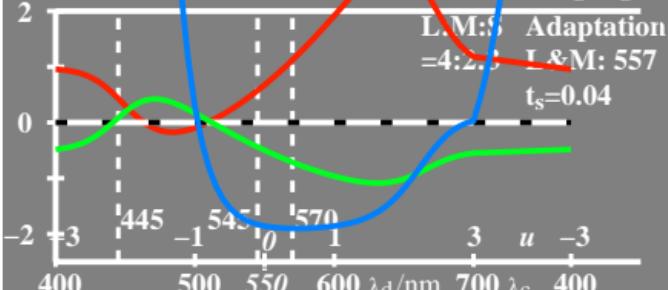
$$\log L_a = \log L_o + 0,17$$

Sättigung V

Sa

Ma

La



fgp01-8a