

log ΔL luminance difference threshold • $L_g = 6,3 \text{ cd/m}^2$

04 26s A $6,3 \text{ cd/m}^2$; pot3

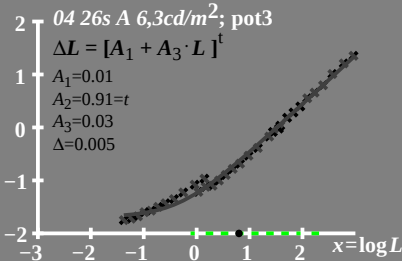
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.01$$

$$A_2 = 0.91 = t$$

$$A_3 = 0.03$$

$$\Delta = 0.005$$



$\log(L/\Delta L)$ luminance contrast sensitivity threshold • $L_g = 6,3 \text{ cd/m}^2$

04 26s A 6,3cd/m²; pot3

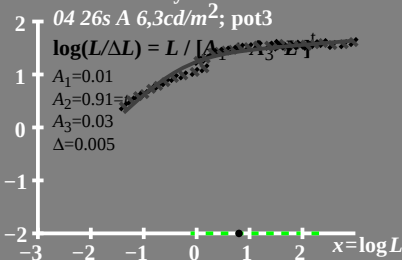
$$\log(L/\Delta L) = L / [A_1 + A_2 L + A_3 L^2]$$

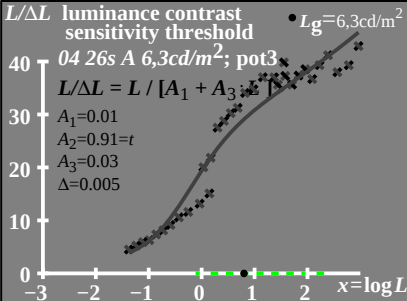
$$A_1 = 0.01$$

$$A_2 = 0.91$$

$$A_3 = 0.03$$

$$\Delta = 0.005$$





T^* luminance difference
threshold sum

• $L_g = 6,3 \text{cd/m}^2$

04 26s A $6,3 \text{cd/m}^2$; pot3

$$T^* = [A_1 + A \cdot L]^t - 1$$

$$A_1 = 0.01$$

$$A_2 = 0.91 = t$$

$$A_3 = 0.03$$

$$\Delta = 0.005$$

80

60

40

20

0

-3

-2

-1

0

1

2

$x = \log L$