

$\log \Delta L$ luminance difference threshold

• $L_g = 6.3 \text{ cd/m}^2$

2 - 04 26s A 6,3cd/m²; hyp2

$$\Delta L = A_1 \cdot A_2 \cdot A_3 \cdot L^t / (L^t + A_2)^2$$

$$A_1 = 223.9$$

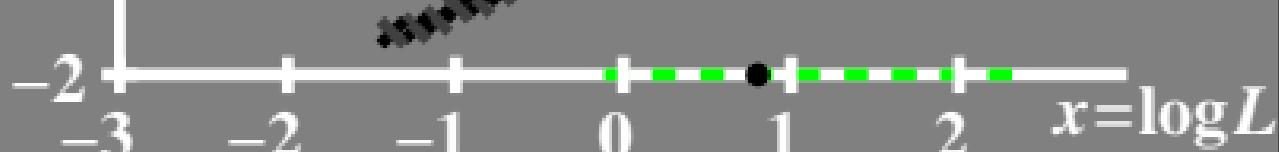
$$A_2 = 22.37$$

$$A_3 = 0.8 = t$$

$$A_6 = 4007.0$$

$$A_7 = 48.64$$

$$\Delta = 81.9$$



$\log(L/\Delta L)$ luminance contrast sensitivity threshold • $L_g = 6.3 \text{ cd/m}^2$

2 - 04 26s A 6.3 cd/m^2 ; hyp2

$$\log(L/\Delta L) = A_1 \cdot A_2 \cdot \ln(\frac{L}{L_g}) + A_3 \cdot t + A_4 \cdot \frac{1}{\sqrt{L}} + A_5 \cdot \frac{1}{L} + A_6 \cdot \frac{1}{L^2} + A_7 \cdot \frac{1}{L^3}$$

$$A_1 = 223.9$$

$$A_2 = 22.37$$

$$A_3 = 0.8 = t$$

$$A_6 = 4007.0$$

$$A_7 = 48.64$$

$$\Delta = 81.9$$



$L/\Delta L$ luminance contrast
sensitivity threshold

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

$$L/\Delta L = A_1 \cdot A_2 \cdot t \cdot L / (L + A_3)$$

$$A_1 = 223.9$$

$$A_2 = 22.37$$

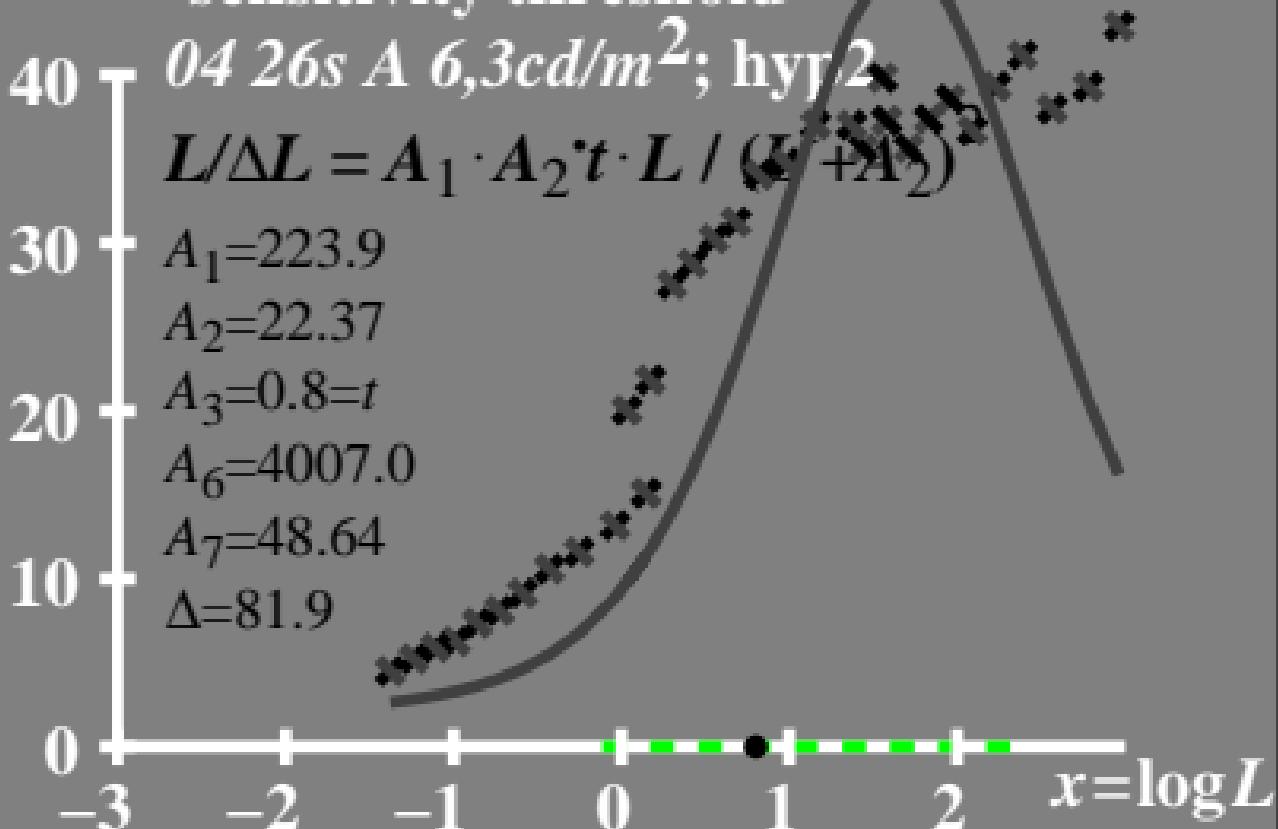
$$A_3 = 0.8 = t$$

$$A_6 = 4007.0$$

$$A_7 = 48.64$$

$$\Delta = 81.9$$

$$L_g = 6,3\text{cd}/\text{m}^2$$



T^* luminance difference threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

80 T 04 26s A 6,3cd/m²; hyp2

$$T^* = A_1 \cdot L^t / (L^t + A_2)$$

$$A_1 = 223.9$$

$$A_2 = 22.37$$

$$A_3 = 0.8 = t$$

$$A_6 = 4007.0$$

$$A_7 = 48.64$$

$$\Delta = 81.9$$

