

logarithmic D_a , D_o -data

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

$$\log D_a = (\log G_o + \log J_o) / 2$$

$$\log G_o = -0,35[u_\lambda - u_{500}]^2$$

$$\log D_o = \log D_a + 0,196$$

$$\log J_o = -0,35[u_\lambda - u_{575}]^2$$

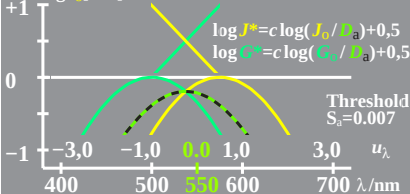
$$\log [D_o, D_a, G_o, J_o]$$

$$\text{Adaptation: } \lambda_{UT} = 538$$

$$c = -1 / \log J_o[500]$$

500 538 575

$$c = 1.26$$



$$\log J^* = c \log (J_o / D_a) + 0,5$$

$$\log G^* = c \log (G_o / D_a) + 0,5$$

Threshold
 $S_a = 0.007$

GoJo → Da, J*, G*

IE251-4A