G_a, G_o-data

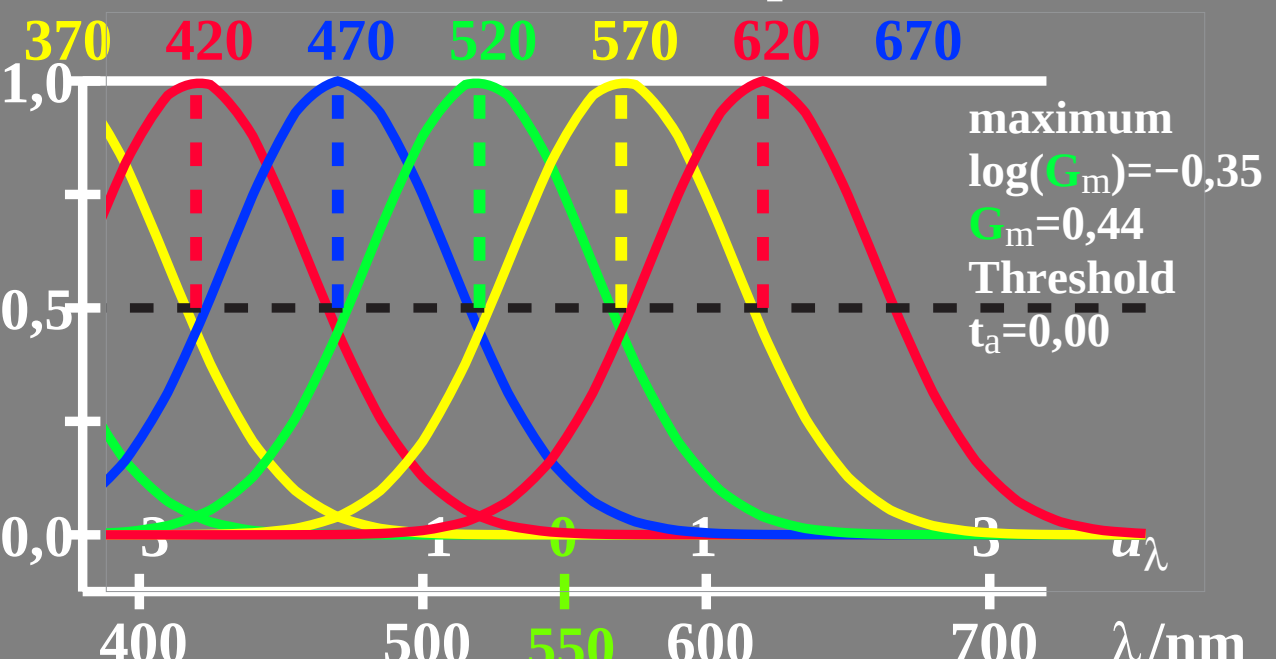
$G_a = (B_o + L_o)/2$

$G_o = G_a + 0{,}35$

G_o, G_a, B_o, L_o

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

$\log B_o = -0{,}35[u_\lambda - u_{470}]^2$

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

Adaptation: $\lambda_{BL} = 520$