log[sensitivity]

$\log V_o = -0.35[u_\lambda - u_{557}]^2$

$\log V_a = \log V_o + 0.00$

$\log [V_a, L_a, M_a]$

$\log L_o = -0.35[u_\lambda - u_{570}]^2$

$\log M_o = -0.35[u_\lambda - u_{545}]^2$

$\log L_a = \log L_o - 0.19$

$\log M_a = \log M_o + 0.24$

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

Ma La   Ra

adaptation
L&M: 620
$t_s = 0.04$

620:
$L_o = 0.25$ $L_a = -0.55$
$V_o = 0.55$ $V_a = -0.55$
$M_o = 0.79$ $M_a = -0.55$

545   570   495Ec   565Ec

620

400   500   600 λ_d/nm 700 λ_c 400

feq41-1a