feq81-1a

log[sensitivity]
$\log g_0 = -0{,}35[u_\lambda - u_{507}]^2$
$\log g_a = \log g_0 + 0{,}00$
$\log [V_a, \nu_a]$

$\log V_O = -0{,}35[u_\lambda - u_{557}]$
$\log \nu_O = -0{,}35[u_\lambda - u_{457}]$
$\log V_a = \log V_O + 0{,}00$
$\log \nu_a = \log \nu_O + 0{,}00$
$u_\lambda = (\lambda - 550)/50$
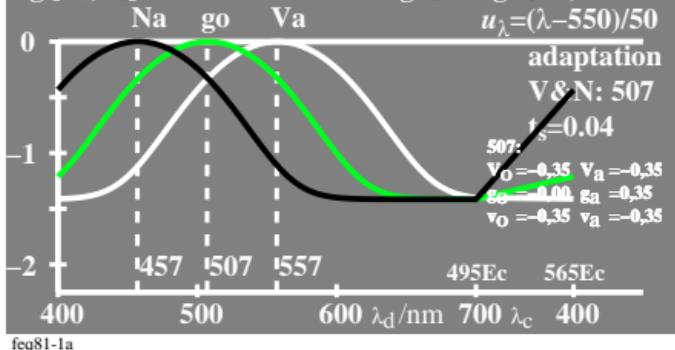
Na go Va
adaptation
V&N: 507
$t_s = 0{,}04$

507:
$V_O = -0{,}35$ $V_a = -0{,}35$
$g_O = -0{,}00$ $g_a = 0{,}35$
$\nu_O = -0{,}35$ $\nu_a = -0{,}35$

0
−1
−2

400   500   600 λ_d/nm 700 λ_c 400
457 507 557 495Ec 565Ec

feq81-2a

log[saturation]
$\log g_0 = -0{,}35[u_\lambda - u_{507}]$
$\log g_a = \log g_0 + 0{,}00$
$\log [V_a/g_a, \nu_a/g_a]$

$\log V_O = -0{,}35[u_\lambda - u_{557}]$
$\log \nu_O = -0{,}35[u_\lambda - u_{457}]$
$\log V_a = \log V_O + 0{,}00$
$\log \nu_a = \log \nu_O + 0{,}00$

Na go Va
saturation V
adaptation
V&N: 507
$t_s = 0{,}04$

1
0
−1

400   500   600 λ_d/nm 700 λ_c 400
457 507 557 495Ec 565Ec

feq81-3a

log[sensitivity]
$\log g_0 = -0{,}35[u_\lambda - u_{507}]^2$
$\log g_a = \log g_0 - 0{,}35$
$\log [g_a, V_a, \nu_a]$

$\log V_O = -0{,}35[u_\lambda - u_{557}]$
$\log \nu_O = -0{,}35[u_\lambda - u_{457}]$
$\log V_a = \log V_O + 0{,}00$
$\log \nu_a = \log \nu_O + 0{,}00$
$u_\lambda = (\lambda - 550)/50$
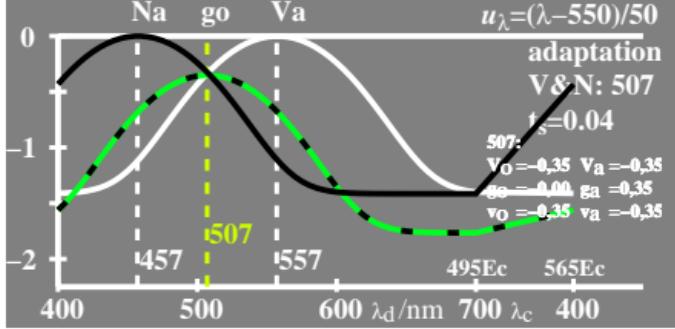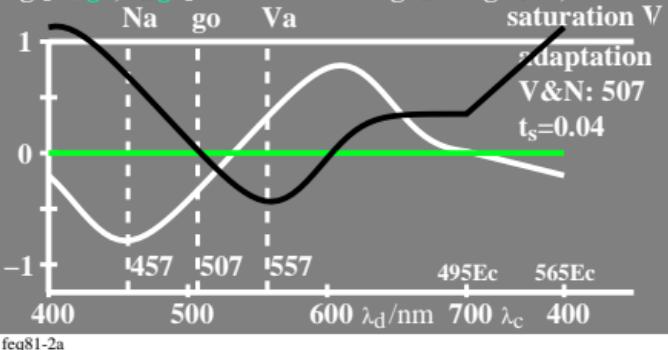
Na go Va
adaptation
V&N: 507
$t_s = 0{,}04$

507:
$V_O = -0{,}35$ $V_a = -0{,}35$
$g_O = -0{,}00$ $g_a = 0{,}35$
$\nu_O = -0{,}35$ $\nu_a = -0{,}35$

507
557

0
−1
−2

400   500   600 λ_d/nm 700 λ_c 400
495Ec 565Ec

feq81-4a

log[saturation]
$\log g_0 = -0{,}35[u_\lambda - u_{507}]$
$\log g_a = \log g_0 - 0{,}35$
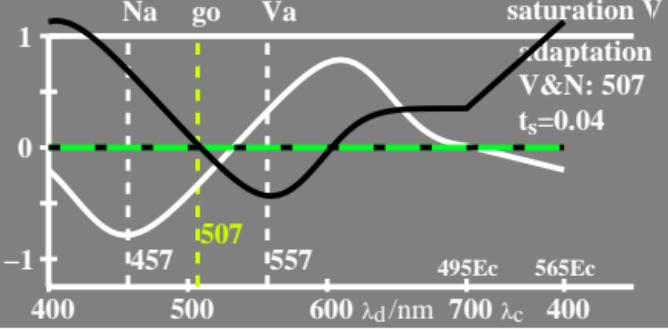$\log [g_a/g_a, V_a/g_a, \nu_a/g_a]$

$\log V_O = -0{,}35[u_\lambda - u_{557}]$
$\log \nu_O = -0{,}35[u_\lambda - u_{457}]$
$\log V_a = \log V_O + 0{,}00$
$\log \nu_a = \log \nu_O + 0{,}00$

Na go Va
saturation V
adaptation
V&N: 507
$t_s = 0{,}04$

507

1
0
−1

400   500   600 λ_d/nm 700 λ_c 400
457 507 557 495Ec 565Ec

feq81−3n