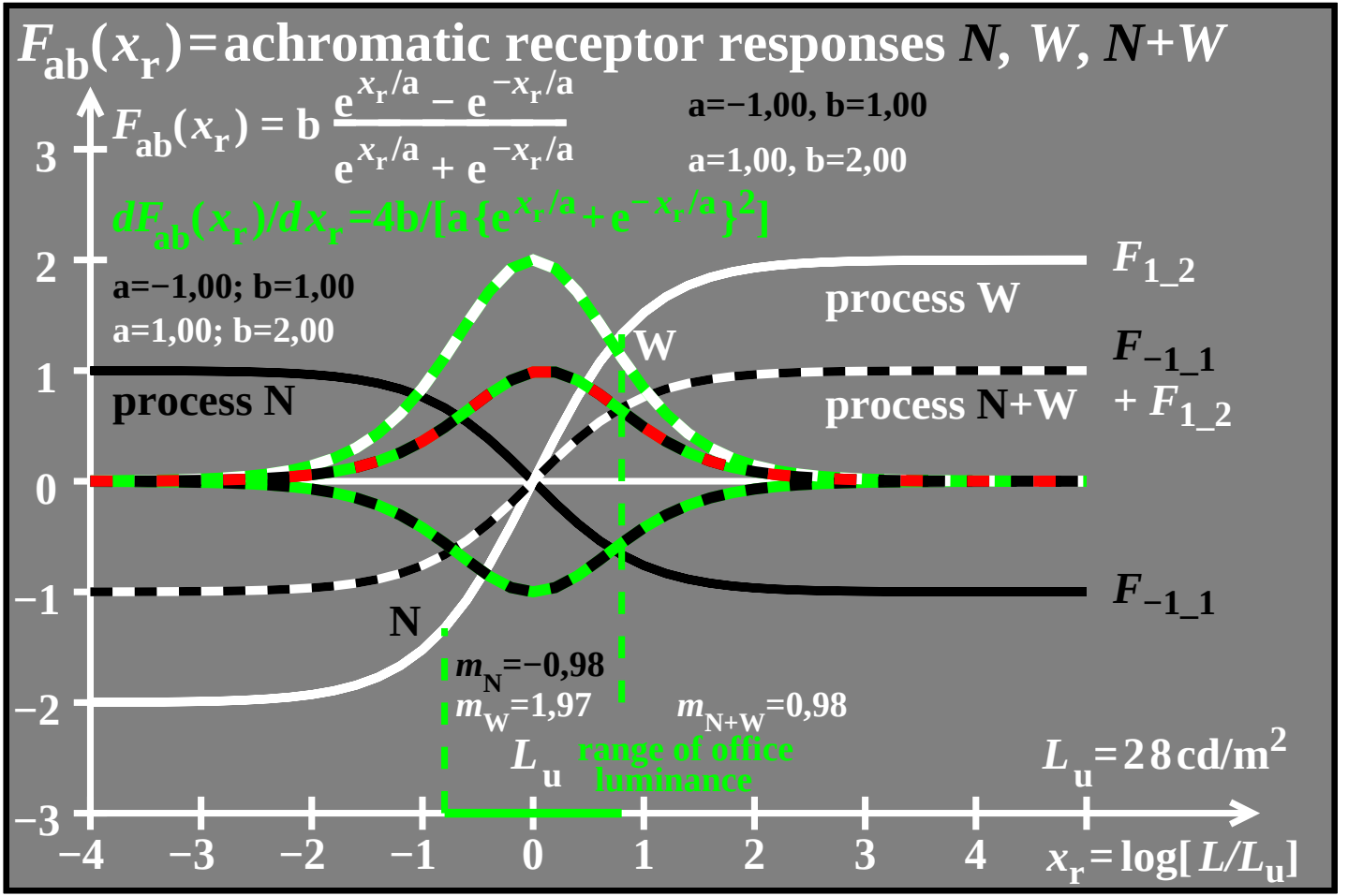
$F_{ab}(x_r)$ = achromatic receptor responses N, W, $N+W$
$F_{ab}(x_r) = b\,\frac{e^{x_r/a} - e^{-x_r/a}}{e^{x_r/a} + e^{-x_r/a}}$
a=−1,00, b=1,00
a=1,00, b=2,00
$dF_{ab}(x_r)/dx_r = 4b/[a\{e^{x_r/a} + e^{-x_r/a}\}^2]$
a=−1,00; b=1,00
a=1,00; b=2,00
process N
process W
process N+W
W
N
F_{1_2}
$F_{-1_1} + F_{1_2}$
F_{-1_1}
m_N=−0,98
m_W=1,97
m_{N+W}=0,98
L_u
range of office luminance
L_u=28 cd/m^2
$x_r = \log[L/L_u]$
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3
4

hey70−6a