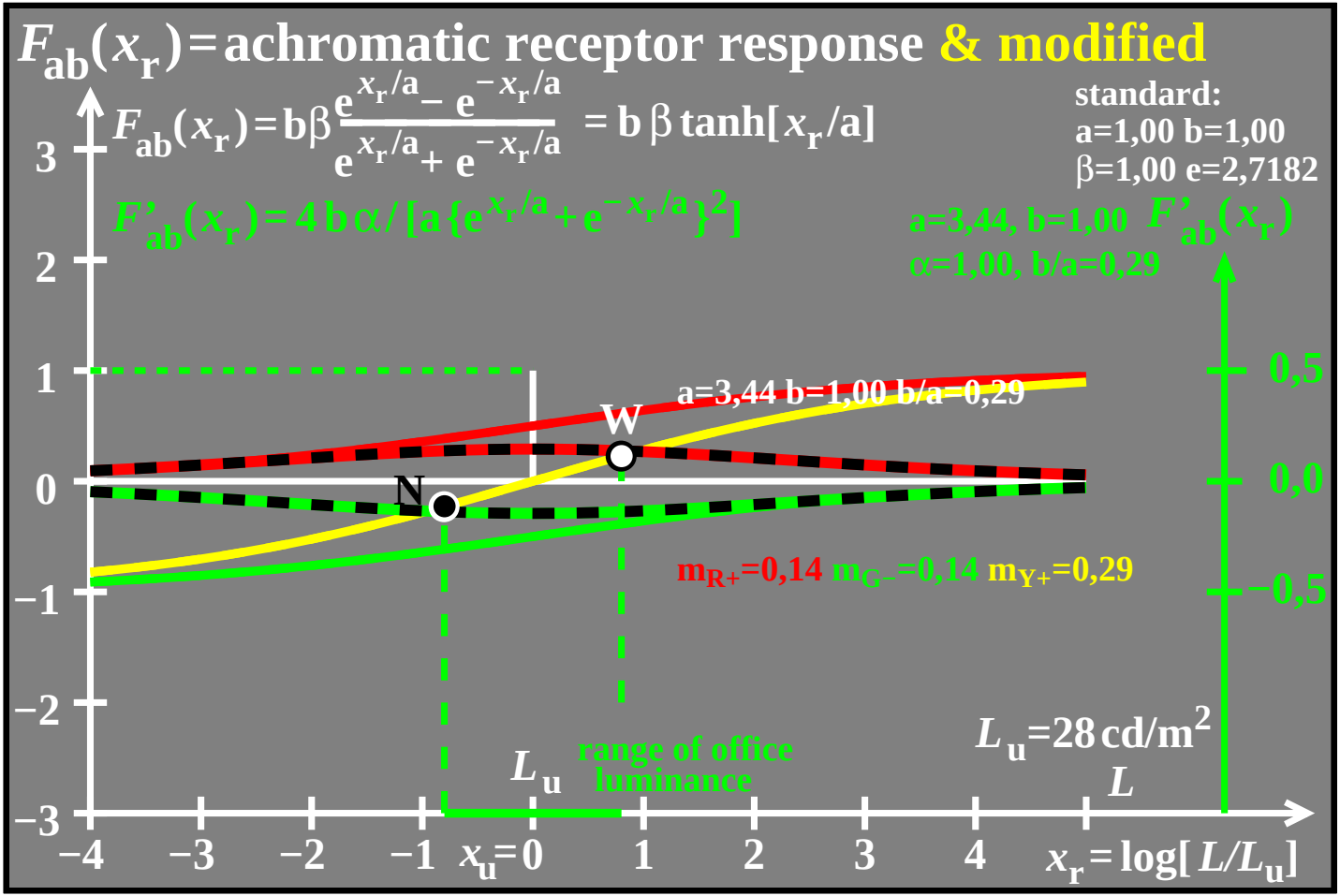
$F_{ab}(x_r)$ = achromatic receptor response & modified
$F_{ab}(x_r) = b\beta \frac{e^{x_r/a} - e^{-x_r/a}}{e^{x_r/a} + e^{-x_r/a}} = b\,\beta \tanh[x_r/a]$
standard:
a=1,00 b=1,00
β=1,00 e=2,7182
$F'_{ab}(x_r) = 4\,b\,\alpha / [a\{e^{x_r/a} + e^{-x_r/a}\}^2]$
a=3,44, b=1,00
α=1,00, b/a=0,29
$F'_{ab}(x_r)$
a=3,44 b=1,00 b/a=0,29
W
N
m_{R+}=0,14 m_{G-}=0,14 m_{Y+}=0,29
L_u
range of office luminance
L_u=28 cd/m²
L
x_u=0
$x_r = \log[L/L_u]$
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
1
2
3
4
0,5
0,0
−0,5

heu01−8a