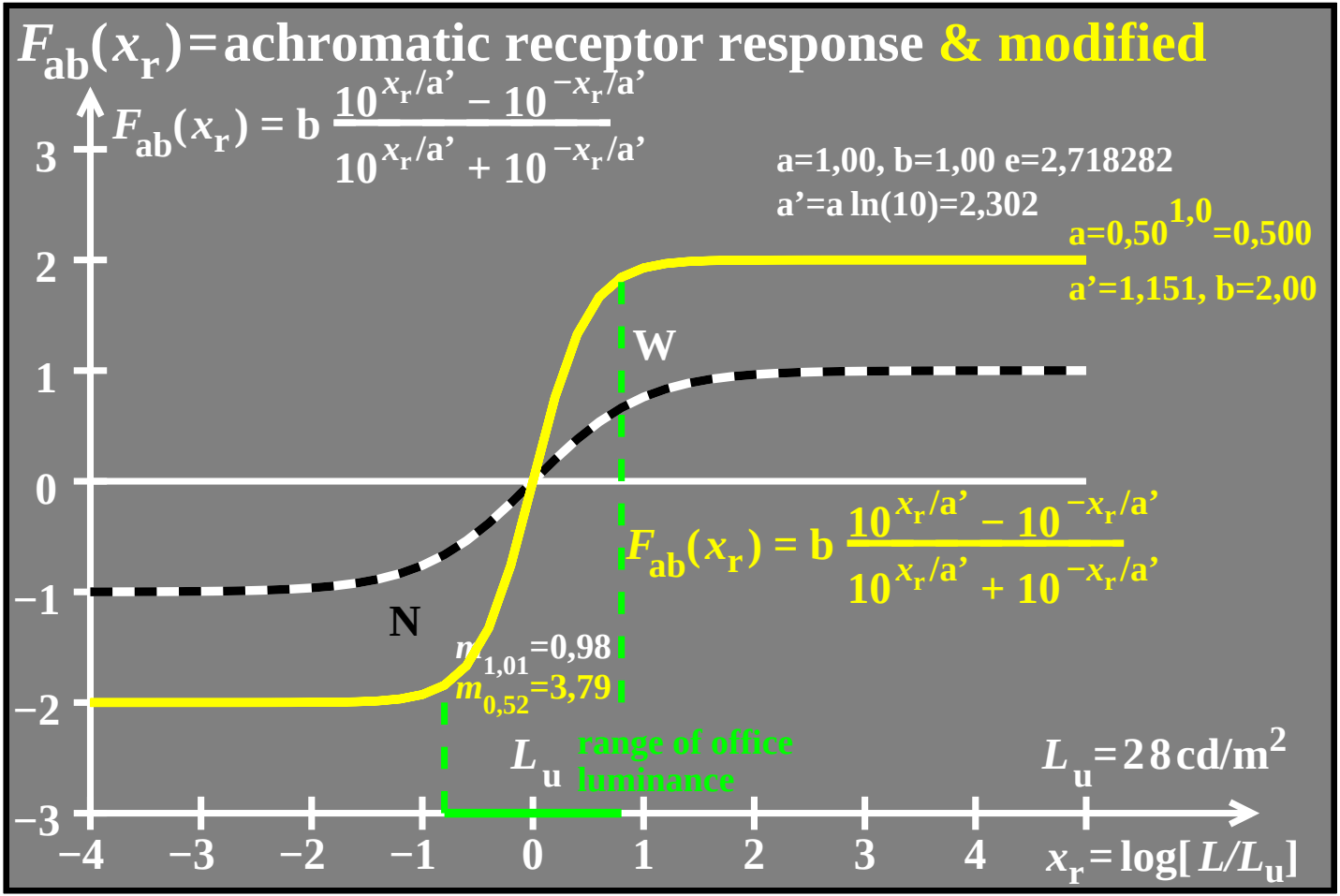
$F_{ab}(x_r)$ = achromatic receptor response & modified
$F_{ab}(x_r) = b\,\frac{10^{x_r/a'} - 10^{-x_r/a'}}{10^{x_r/a'} + 10^{-x_r/a'}}$
a=1,00, b=1,00 e=2,718282
a'=a ln(10)=2,302
$a=0{,}50^{1{,}0}=0{,}500$
a'=1,151, b=2,00
W
N
$F_{ab}(x_r) = b\,\frac{10^{x_r/a'} - 10^{-x_r/a'}}{10^{x_r/a'} + 10^{-x_r/a'}}$
$m_{1{,}01}=0{,}98$
$m_{0{,}52}=3{,}79$
L_u range of office luminance
$L_u = 28\ \mathrm{cd/m^2}$
$x_r = \log[L/L_u]$
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3
4

DEC11−6A