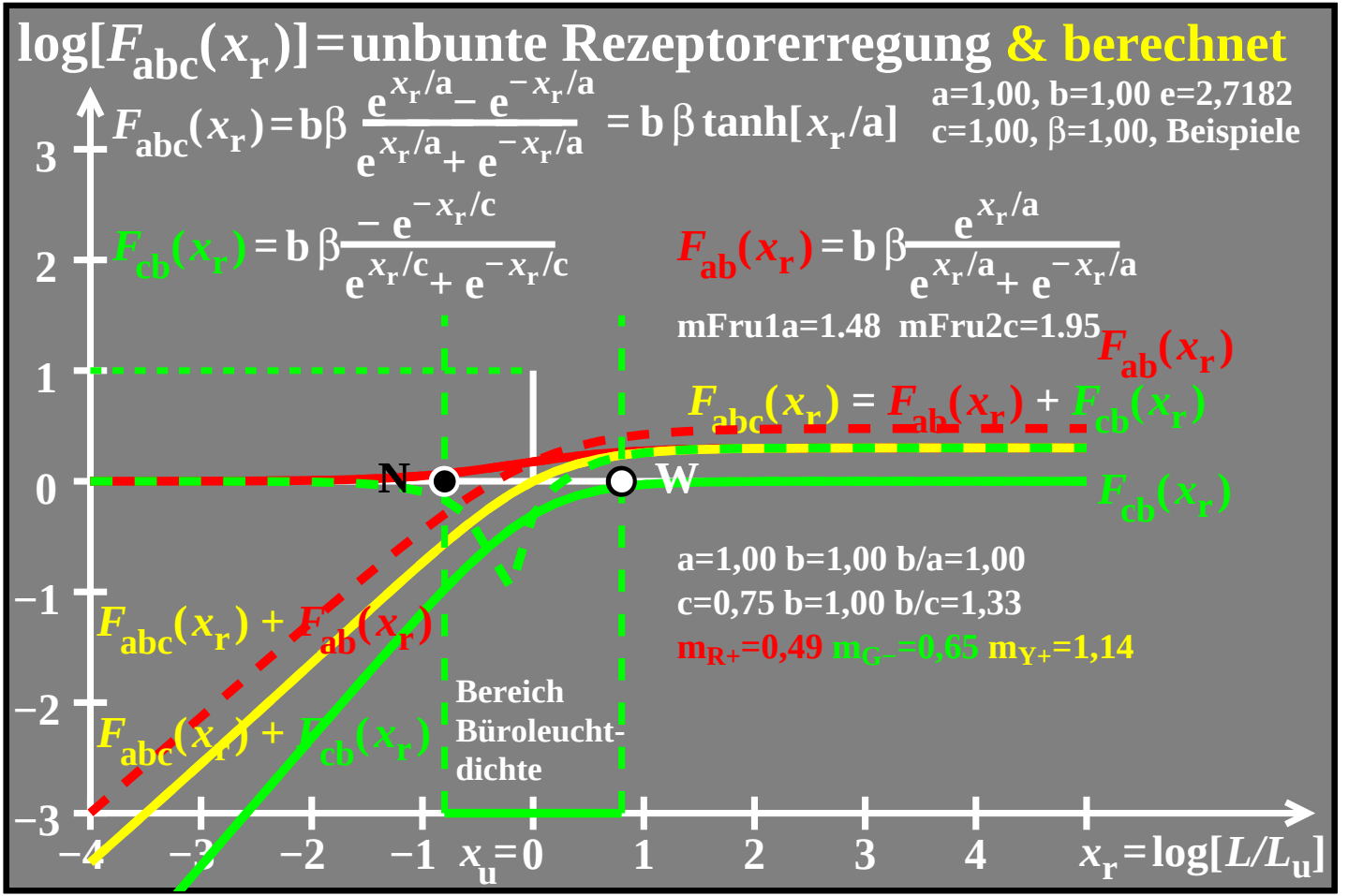
log[$F_{abc}(x_r)$]=unbunte Rezeptorerregung & berechnet
$F_{abc}(x_r) = b\beta \frac{e^{x_r/a} - e^{-x_r/a}}{e^{x_r/a} + e^{-x_r/a}} = b\,\beta \tanh[x_r/a]$
a=1,00, b=1,00 e=2,7182
c=1,00, β=1,00, Beispiele
$F_{cb}(x_r) = b\,\beta \frac{-e^{-x_r/c}}{e^{x_r/c} + e^{-x_r/c}}$
$F_{ab}(x_r) = b\,\beta \frac{e^{x_r/a}}{e^{x_r/a} + e^{-x_r/a}}$
mFru1a=1.48 mFru2c=1.95
$F_{ab}(x_r)$
$F_{abc}(x_r) = F_{ab}(x_r) + F_{cb}(x_r)$
N
W
$F_{cb}(x_r)$
a=1,00 b=1,00 b/a=1,00
c=0,75 b=1,00 b/c=1,33
m_{R+}=0,49 m_{G-}=0,65 m_{Y+}=1,14
$F_{abc}(x_r) + F_{ab}(x_r)$
$F_{abc}(x_r) + F_{cb}(x_r)$
Bereich
Büroleucht-
dichte
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
x_u=0
1
2
3
4
x_r=log[L/L_u]

ego81−4a