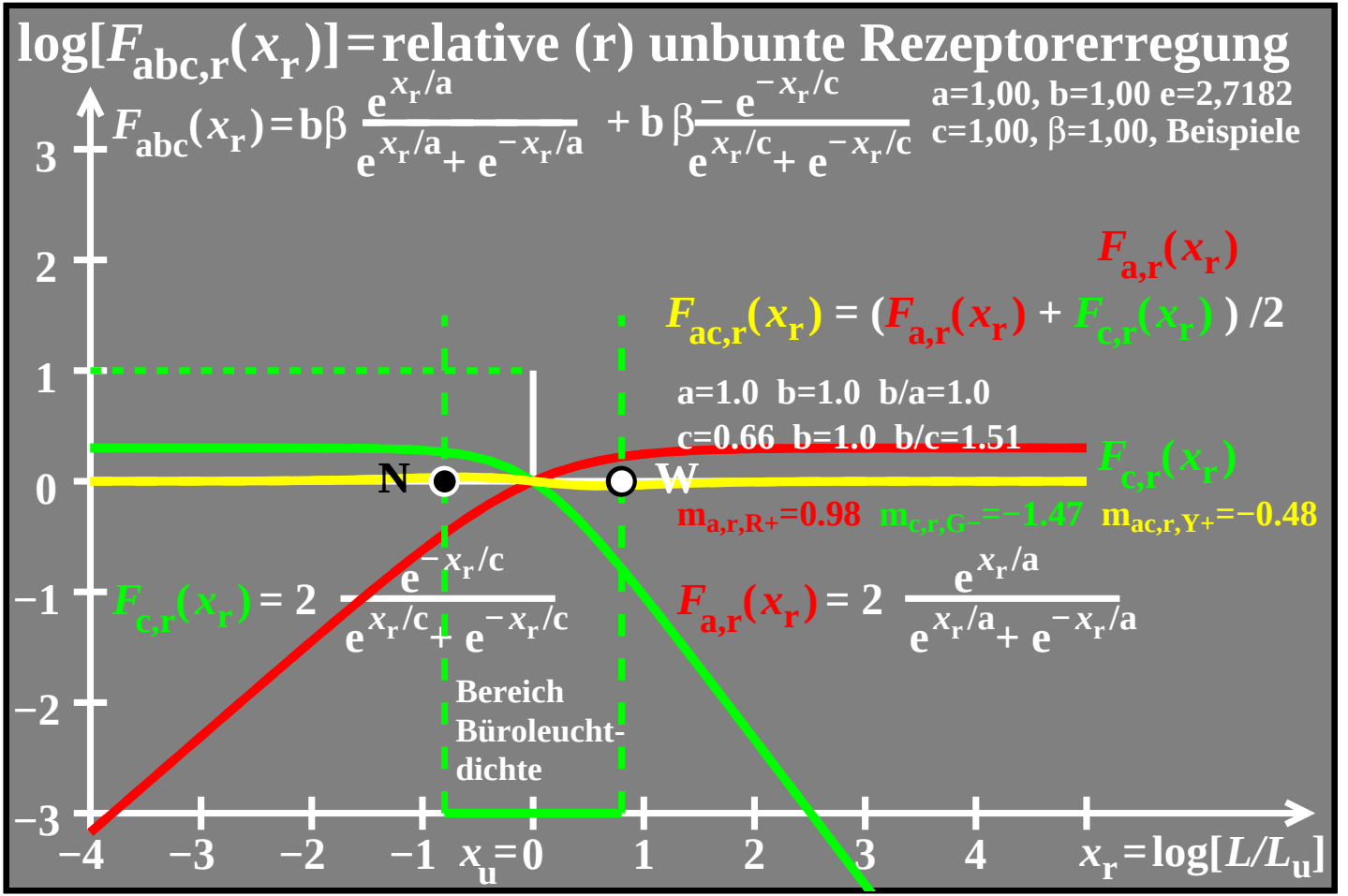
log[$F_{abc,r}(x_r)$] = relative (r) unbunte Rezeptorerregung
$F_{abc}(x_r) = b\beta \frac{e^{x_r/a}}{e^{x_r/a} + e^{-x_r/a}} + b\beta \frac{-e^{-x_r/c}}{e^{x_r/c} + e^{-x_r/c}}$
a=1,00, b=1,00 e=2,7182
c=1,00, β=1,00, Beispiele
$F_{a,r}(x_r)$
$F_{ac,r}(x_r) = (F_{a,r}(x_r) + F_{c,r}(x_r))/2$
a=1.0 b=1.0 b/a=1.0
c=0.66 b=1.0 b/c=1.51
$F_{c,r}(x_r)$
N
W
$m_{a,r,R+}$=0.98 $m_{c,r,G-}$=−1.47 $m_{ac,r,Y+}$=−0.48
$F_{c,r}(x_r) = 2 \frac{e^{-x_r/c}}{e^{x_r/c} + e^{-x_r/c}}$
$F_{a,r}(x_r) = 2 \frac{e^{x_r/a}}{e^{x_r/a} + e^{-x_r/a}}$
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]

ego71−2a