

$F'_{ab}(x_r)$ = Ableitung unbunte Rezeptorerregung

$$F_{ab}(x_r) = b \frac{e^{x_r/a} - e^{-x_r/a}}{e^{x_r/a} + e^{-x_r/a}}$$

$$F'_{ab}(x_r) = 4b/[a \{ (e^{x_r/a} + e^{-x_r/a})^2 \}]$$

$$e=2,718282, a'=a \ln(10)=2,302$$

$$a_1=0.707, b_1=1.0$$

$$a_2=1.414, b_2=-0.999$$

Asymptote

$F'_{0.71_1.0}$

$F'_{0.71_1.0} +$
 $F'_{1.41_0.99}$

$F'_{1.41_0.99}$

N $m_0 = 0.0$ W
 $m_1 = 0.0$
 $m_2 = 0.0$

L_u Bereich Büro-
Leuchtdichte

$L_u = 28 \text{ cd/m}^2$

$x_r = \log[L/L_u]$