

$F_{ab}(x_r)$ = unbunte Rezeptorerregung

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

Standard:

$a=1,00$ $b=1,00$

$\beta=1,00$ $e=2,7182$

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

$$a=1,00, b=1,00 \quad F'_{ab}(x_r)$$

$$a=1,00, b/a=1,00$$

