

$F_{abuc}(x_r) = \text{normierte unbunte Rezeptorerregung}$

$$F_{abuc}(x_r) = \frac{p}{p+q} + \frac{-q}{p+q} + 1 = \frac{p-q}{p+q} + 1 \quad p = e^{x_r/a} \quad q = e^{-x_r/c}$$

$a=1,00, b=1,00, c=2,00$

$$F'_{abuc}(x_r) = 4 / \{[a e^{x_r/a} + c e^{-x_r/c}]^2\} = 4 / \{[a p + c q]^2\}$$

$a=1,00; b=1,00; c=2,00$

