

$F_{ab}(x_r)$ = achromatic receptor response

$$F_{ab}(x_r) = b\beta \frac{e^{x_r/a} - e^{-x_r/a}}{e^{x_r/a} + e^{-x_r/a}} + 1,0 = b\beta \tanh[x_r/a] + 1,0$$

standard: $a=1,00$ $b=1,00$
 $\beta=1,00$ $e=2,7182$

