

$F_{ab}(x_r) =$ achromatic receptor responses $N, W, N+W$

$$F_{ab}(x_r) = b \frac{10^{x_r/a'} - 10^{-x_r/a'}}{10^{x_r/a'} + 10^{-x_r/a'}}$$

$a = -1,00, b = 1,00, a' = a \ln(10) = -2,302$
 $a = 1,00, b = 1,00, a' = a \ln(10) = 2,302$

$$dF_{ab}(x_r)/dx_r = 4b/[a \{10^{x_r/a'} + 10^{-x_r/a'}\}^2]$$

$a = -1,00; b = 1,00$

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

