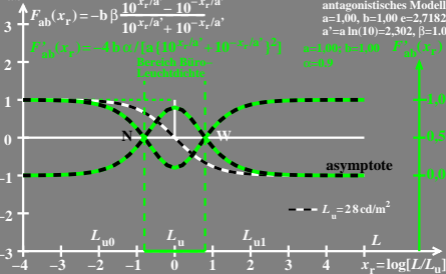


# $F_{ab}(x_r) =$ achromatische Rezeptorerregung, TUB-Modell

antagonistisches Modell

$a=1,00$ ,  $b=1,00$   $e=2,7182$

$a' = a \ln(10) = 2,302$ ,  $\beta = 1,0$



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

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

$a=1,00$ ;  $b=1,00$   $F'_{ab}(x_r)$   
 $\alpha=0,9$