log[$F_{abc}(x_r)$]=achromatic receptor response & calculated
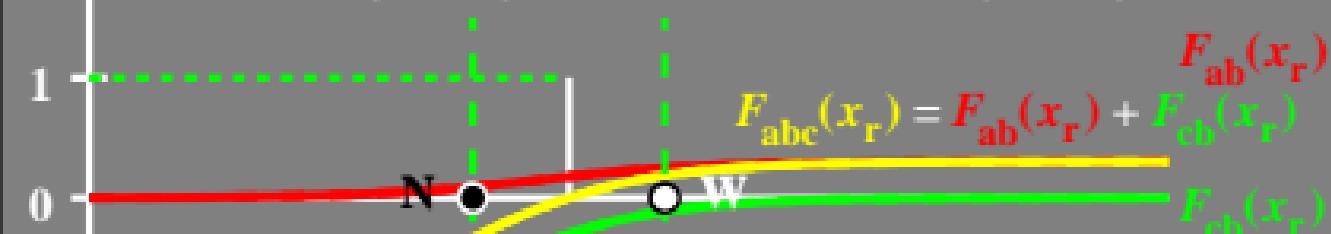
$F_{abc}(x_r)$=bβ $\dfrac{e^{x_r/a}-e^{-x_r/a}}{e^{x_r/a}+e^{-x_r/a}}$ = b β **tanh**[x_r/a]

a=1,00, b=1,00, e=2,7182
c=1,00, β=1,00, examples

$F_{cb}(x_{r'})$ = b β $\dfrac{-e^{-x_r/c}}{e^{x_r/c}+e^{-x_r/c}}$

$F_{ab}(x_r)$ = b β $\dfrac{e^{x_r/a}}{e^{x_r/a}+e^{-x_r/a}}$

$F_{ab}(x_r)$

$F_{abc}(x_r) = F_{ab}(x_r) + F_{cb}(x_{r'})$

N   W

$F_{cb}(x_{r'})$

a=1,33 b=1,00 b/a=0,75
c=1,33 b=1,00 b/c=0,75
m$_{R+}$=0,37, m$_{G+}$=0,77, m$_{Y+}$=0,74

range of office luminance

$x_u=0$

$x_r=\log[L/L_u]$

eeo51–5a