$F_{ab}(x_r)$ = achromatic receptor responses N, W ITU–R BT.2390–10 sec. 5.3.1

$F_{ab}(x_r) = b \dfrac{e^{-x_r/a} - e^{-x_r/n}}{e^{x_r/a} + e^{-x_r/n}}$ $a_0 = -1.00$, $b_0 = 1.00$ $\gamma_R^{\circ} = 0.8$

$a_1 = 1.00$, $b_1 = 1.00$ $\gamma_R^{\circ} = 0.6$?

$F^*(x_r)$

process N W F_{1_2}

process W

N F_{-1_1}

$m_{x_r} = -0.98$

$m_W = 0.98$ $m_{N+W} = 0.98$

$\gamma_R^{\circ} = 1$ L_u range of edge $L_u = 28$ cd/m

luminance L

$x_r = \log[L/L_u]$

$F^*_{TUBLOG,U}(x_r) = 72 \log(x_r) + 50$

heb10−1a