

logarithmic *RG*-saturation

$$U_a = (\textcolor{red}{P}_a \cdot \textcolor{green}{D}_a)^{0.5}$$

$$\log U_a = \log U_o$$

$$\log \textcolor{red}{P}_a = \log \textcolor{red}{P}_o + 0.03$$

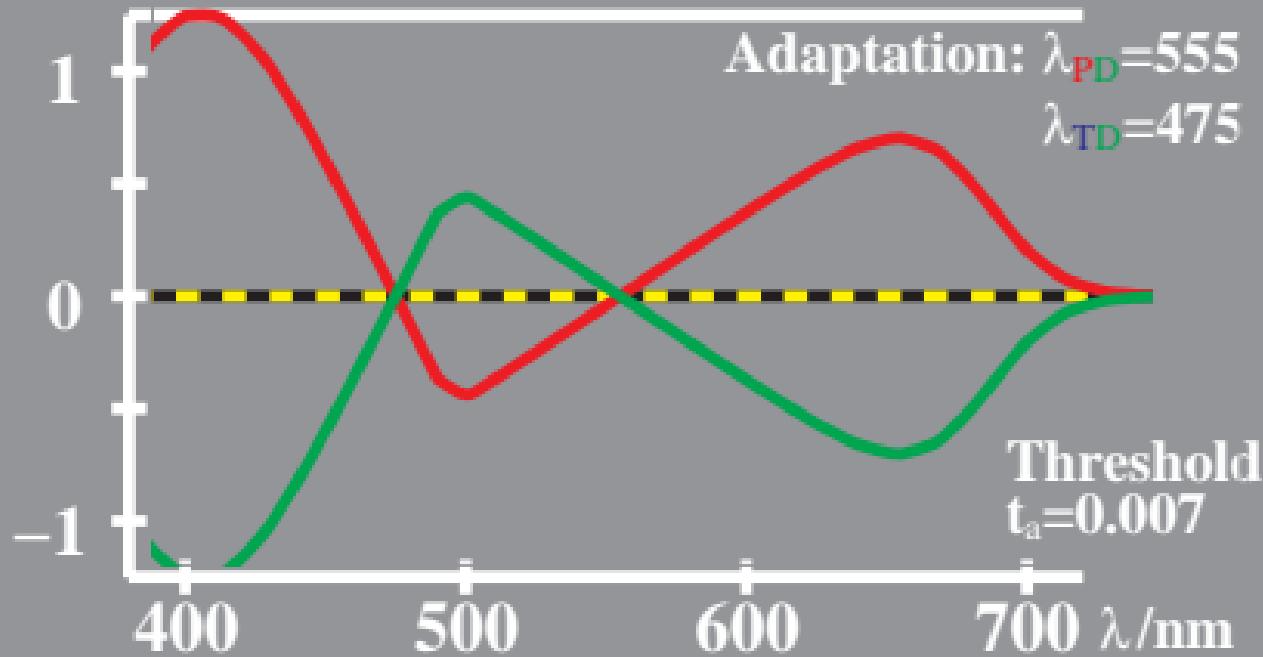
$$\log \textcolor{green}{D}_a = \log \textcolor{green}{D}_o + 0.03$$

$$\log T_a = \log T_o - 0.47$$

$$\log [\textcolor{blue}{T}_a/\textcolor{green}{D}_a, \textcolor{blue}{D}_a/\textcolor{blue}{T}_a; \lambda < 505]$$

$$\log [\textcolor{red}{P}_a/\textcolor{green}{D}_a, \textcolor{green}{D}_a/\textcolor{red}{P}_a; \lambda >= 505]$$

Adaptation: $\lambda_{\textcolor{red}{PD}}=555$
 $\lambda_{\textcolor{blue}{TD}}=475$



WE491-4, change of PDT in colour vision