

logarithmic U -saturation

$$U = (\textcolor{red}{P} \times \textcolor{green}{D})^{0,5}$$

$$\ln U = (\ln \textcolor{red}{P} + \ln \textcolor{green}{D}) / 2$$

$$\log [(\textcolor{red}{P}/U), (\textcolor{green}{D}/U)]$$

$$\ln \textcolor{red}{P} = [\text{c} \cdot \lambda - \text{c} \cdot 570]^2$$

$$\ln \textcolor{green}{D} = [\text{c} \cdot \lambda - \text{c} \cdot 545]^2$$

adaptation: $u = 0$

