

logarithmic U_a -saturation

$$U_a = (P_o \cdot D_o)^{0,5}$$

$$\log U_a = (\log P_o + \log D_o)/2$$

$$\log [P_o/U_a, D_o/U_a]$$

$$u_\lambda = (\lambda - 555) / 50$$

$$\log P_o = -0,35[u_\lambda - u_{570}]^2$$

$$\log D_o = -0,35[u_\lambda - u_{545}]^2$$

Adaptation: $\lambda_{PD}=557$

