

spectral saturations p (=purity)
of receptor systems P, D, T, V, V'

$u = \lambda = \text{wavelength}$; $u = \nu = \text{frequency}$

$$s(u) = e^{-u^2} \quad i = 2/5; j = 3/5 \quad \nu = 1/\lambda$$

model Y:
$$p = \frac{s(P, D, T,)}{i s(P) + j s(D)}$$

model V:
$$p = \frac{s(P, D, T,)}{s(V)}$$

model U:
$$p = \frac{s(P, D, T,)}{e[i \ln(P) + j \ln(D)]}$$