



spectral sensitivities s of receptor systems P, D, T, V, V'
 $u = \lambda = \text{wavelength}; u = \nu = \text{frequency}$
 $s(u) = e^{-u^2} \quad e = 2,7183 \quad \nu = 1/\lambda$
 model λ : $u = \frac{1}{55,5} (\lambda - \lambda_0)$
 model ν : $u = 5550 (\nu - \nu_0)$
maxima λ_0 of P, D, T, V, V' in nanometer: 570, 545, 450, 555, 505

spectral saturations p ($p = \text{purity}$) 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 : $p = \frac{s(P, \lambda, \nu)}{s(P) + s(U)}$
 model V : $p = \frac{s(P, D, T)}{s(V)}$
 model U : $p = \frac{s(P, D, T)}{e^{[i \ln(P) + j \ln(D)]}}$

