



spectral sensitivities s of receptor systems L, M, S, V, V'
 $u = \lambda = \text{wavelength}$; $u = \nu = \text{frequency}$
 $s(u) = e^{-u^2}$ $e = 2,7183$ $\nu = 1/\lambda$
 model λ : $u = \frac{1}{55,5} (\lambda - \lambda_0)$
 model ν : $u = 5550 (\nu - \nu_0)$
 maxima λ_0 of L, M, S, V, V' in nanometer: 570, 545, 450, 555, 505
 feb00-7N

spectral saturations p (=purity) of receptor systems L, M, S, V, V'
 $u = \lambda = \text{wavelength}$; $u = \nu = \text{frequency}$
 $s(u) = e^{-u^2}$ $i = 2/5$; $j = 3/5$ $\nu = 1/\lambda$
 model Y: $p = \frac{s(L, M, S)}{i s(L) + j s(M)}$
 model V: $p = \frac{s(L, M, S)}{s(V)}$
 model U: $p = \frac{s(L, M, S)}{e^{[i \ln(L) + j \ln(M)]}}$
 feb00-8N

