

spectral sensitivities s
of receptor systems L, M, S, V, V'

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

$$s(u) = e^{-u^2} \quad e = 2,7183 \quad \nu = 1/\lambda$$

$$\text{model } \lambda: u = \frac{1}{55,5} (\lambda - \lambda_0)$$

$$\text{model } \nu: u = 5550 (\nu - \nu_0)$$

maxima λ_0 of L, M, S, V, V' in

nanometer: **570, 545, 450, 555, 505**