

spectral saturations  $p$  (= purity)  
of receptor systems  $L, M, S, V, V'$

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

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

**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:** 
$$p = \frac{s(L, M, S)}{e[i \ln(L) + j \ln(M)]}$$