Spektrale Sättigungen p (=Purity) von Rezeptorsystemen P, D, T, V, V'

$u = \lambda$ = Wellenlänge; $u = \nu$ = Frequenz

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

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

Modell V: $p = \dfrac{s(P, D, T,)}{s(V)}$

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