

line element of *Vos&Walraven*

(1972) with „color values” L_P , M_D , S_T

three separate color signal functions

$$F(L_P) = -2i\sqrt{L_P}$$

$$F(M_D) = -2j\sqrt{M_D}$$

$$F(S_T) = -2k\sqrt{S_T}$$

Taylor-derivations:

$$\Delta F(L_P, M_D, S_T) = \frac{dF}{dL_P} \Delta L_P + \frac{dF}{dM_D} \Delta M_D + \frac{dF}{dS_T} \Delta S_T$$

$$\Delta F(L_P, M_D, S_T) = \frac{i}{\sqrt{L_P}} \Delta L_P + \frac{j}{\sqrt{M_D}} \Delta M_D + \frac{k}{\sqrt{S_T}} \Delta S_T$$