

line element of light technology
(luminance L) and color metrics
with „color values” P , D , T

luminance signal function $F(L)$
color signal functions $F(P, D, T)$

Taylor-derivations:

$$\Delta F(L) = \frac{dF}{dL} \Delta L$$

$$\Delta F(P, D, T) = \frac{dF}{dP} \Delta P + \frac{dF}{dD} \Delta D + \frac{dF}{dT} \Delta T$$