



Line element of light technology
 luminance L and colour metrics with
 „colour values“ L_P, M_D, S_T
 Luminance-response function $F(L)$
 colour-response function $F(L_P, M_D, S_T)$
 Taylor derivations:
 $\Delta F(L) = \frac{dF}{dL} \Delta L$
 $\Delta F(L_P, M_D, S_T) = \frac{dF}{dL_P} \Delta L_P + \frac{dF}{dM_D} \Delta M_D + \frac{dF}{dS_T} \Delta S_T$

Colour-line element of Helmholtz
 (1896) with „colour values“ L_P, M_D, S_T
 (three separate colour-response functions
 $F(L_P) = i L_P$
 $F(M_D) = j M_D$
 $F(S_T) = k S_T$
 Taylor-derivations:
 $\Delta F(L_P, M_D, S_T) = \frac{dF}{dL_P} \Delta L_P + \frac{dF}{dM_D} \Delta M_D + \frac{dF}{dS_T} \Delta S_T$
 $\Delta F(L_P, M_D, S_T) = \frac{i}{L_P} \Delta L_P + \frac{j}{M_D} \Delta M_D + \frac{k}{S_T} \Delta S_T$