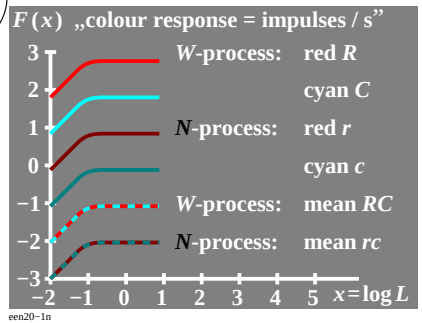

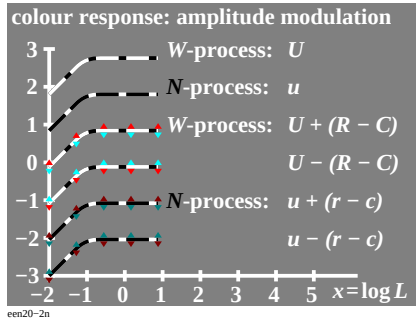

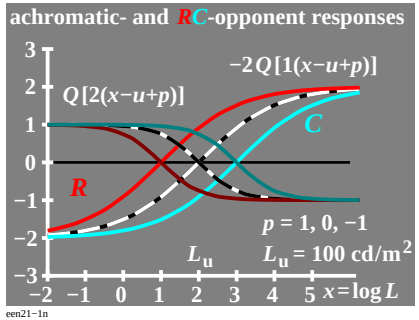

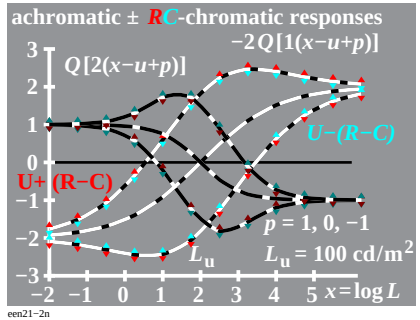

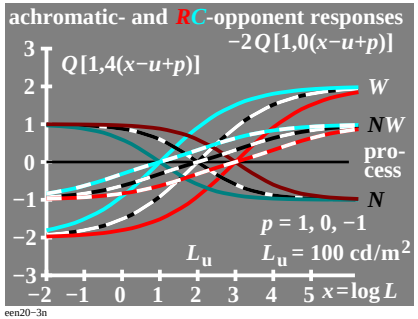

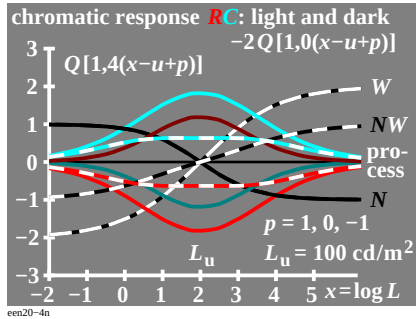

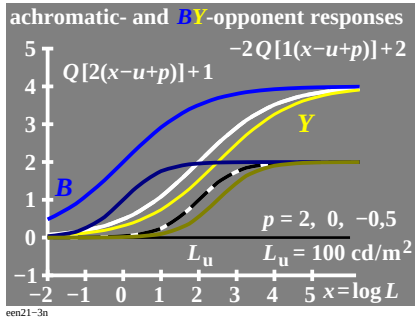

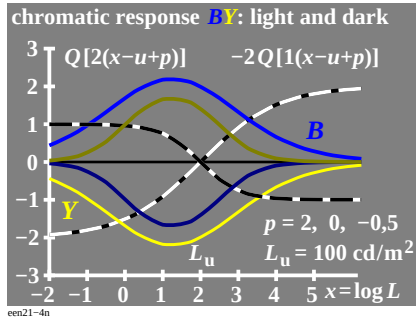

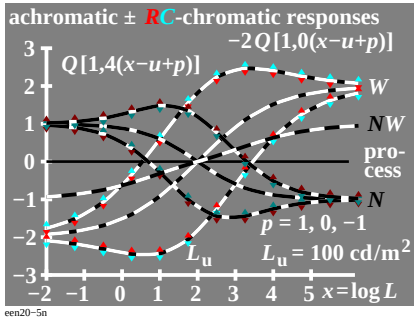

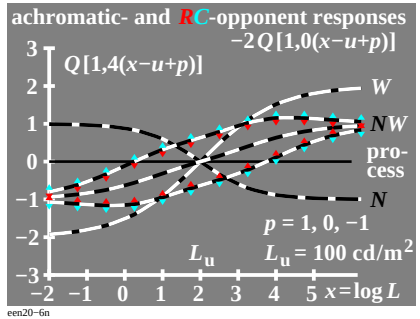

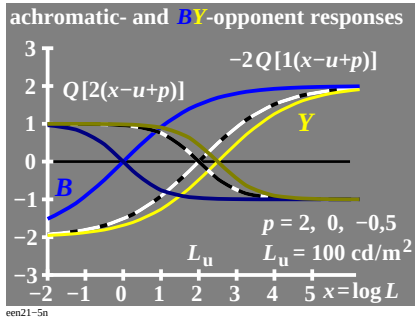

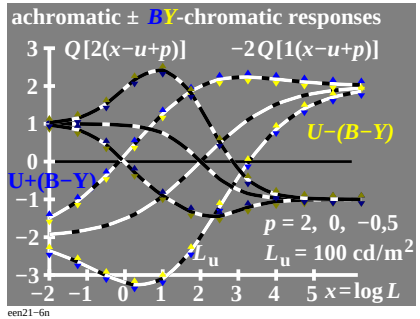

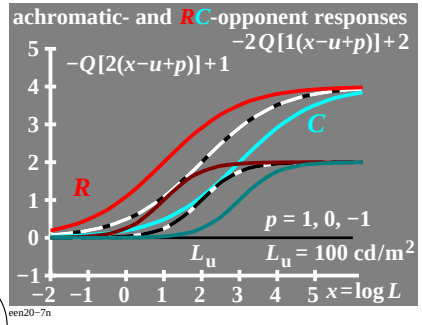

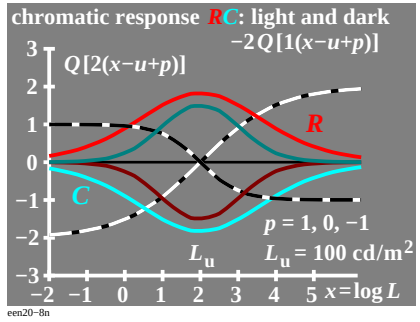

Line element of light technology
luminance L and colour metrics with „colour values" L_P, M_D, S_T

Luminance-response function $F(L)$
colour-response function $F(L_P, M_D, S_T)$

***Taylor* derivations:**

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

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

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Colour-line element of *Helmholz* (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:**

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

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

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