

$(Y/\Delta Y) / (Y/\Delta Y)_u$

HAULAB-Y-Kontrast  
normiert für  $(Y/\Delta Y)_u$

$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y)_u$

$L^* = s(Y/Y_n)^n - d$  ( $Y_n=100, Y_u=60, s=163,9, n=0,31, d=90,2$ ) [1a]

$L^* = r(Y/Y_u)^n - d$  ( $r = s(Y_u/Y_n)^n = 96,32, L^*_u = r - d = 6,0$ ) [1b]

$Y/dY = Y / \{ [ (Y_n / (n s)) ] (Y / Y_n)^{1-n} \}$  [4c]

$(Y/Y)_u = Y_u / \{ [ (Y_n / (n s)) ] (Y_u / Y_n)^{1-n} \}$  [4d]

$(Y/dY) / (Y/dY)_u = (Y/Y_u)^n$  [4e]

