

$\log [(\Delta Y/Y) / (\Delta Y/Y)_u]$

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

$S_r/S_{ru}=(\Delta Y/Y)/(\Delta Y/Y)_u$

$100 L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=11, s=134,6, n=0,31, d=19,2)$ [1a]

$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 59,8)$ [1b]

$dY/Y = [(Y_n/(ns))](Y/Y_n)^{1-n} / Y$ [3c]

$(dY/Y)_u = [(Y_n/(ns))](Y_u/Y_n)^{1-n} / Y_u$ [3d]

$(dY/Y) / (dY/Y)_u = (Y/Y_u)^{-n}$ [3e]

$\log [(dY/Y) / (dY/Y)_u] = (-n) \log(Y/Y_u)$ [3f]

$\varphi=120'$
 $L_{aw}=40 \text{ cd/m}^2$

Anwendungsbereich

$m_{nu} = -n = -0,310$
 $m_u = -0,286$

$0,1$ 1 10 100
 $Y_u=18$ $100 = (Y/Y_u)^{1/\ln(10)}$

