

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

HAULAB-Y sensitivity
normalized to $(\Delta Y/Y)_u$

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

$100 L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=22, s=134,6, n=0,31, d=34,6) [1a]$

$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 44,4) [1b]$

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

Y_curve, ij=0, Yuij=22, L*uij=50

$k=99, Y_{kij}=100, L^*_{kij}=99,9, (\Delta Y/Y) / (\Delta Y/Y)_u = 0,62$

$k=22, Y_{kij}=23, L^*_{kij}=50,7, (\Delta Y/Y) / (\Delta Y/Y)_u = 0,99$

$k=1, Y_{kij}=2, L^*_{kij}=5,4, (\Delta Y/Y) / (\Delta Y/Y)_u = 2,11$

$k=0, Y_{kij}=1, L^*_{kij}=-2,3, (\Delta Y/Y) / (\Delta Y/Y)_u = 2,62$

$\phi = 120' = 2^\circ$
 $L_{aw} = 300 \text{ cd/m}^2$

application
range

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

$m_u = -0,296$

$Y_u = 22$
 $0,003$
 $-0,201$

$Y_u = 18$
 100

