

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

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

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

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=24, s=140,4, n=0,31, d=40,4) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 82,55, L^*_u = r - d = 42,0) \quad [1b]$$

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

Y_curve, ij=24, Yuij=24, L*uij=50

k=99, Ykij=100, L*kij=99,9, $(\Delta Y/Y) / (\Delta Y/Y)_u = 0,64$

k=24, Ykij=25, L*kij=50,9, $(\Delta Y/Y) / (\Delta Y/Y)_u = 0,98$

k=1, Ykij=2, L*kij=1,2, $(\Delta Y/Y) / (\Delta Y/Y)_u = 2,16$

k=0, Ykij=1, L*kij=-6,7, $(\Delta Y/Y) / (\Delta Y/Y)_u = 2,68$

$\varphi = 30^\circ$

$L_{aw} = 300 \text{ cd/m}^2$

Anwendungsbereich

$m_{u90_4} = -0,025, f_{90} = 0, f_4 = 0$

$m_u = -0,678$

0,1

1

10

$Y_u = 18$

100

0,989

0,644

-2 -1 0 1 2 log Y