

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

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

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

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=30, s=163,9, n=0,31, d=63,9) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 96,32, L^*_u = r - d = 32,4) \quad [1b]$$

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

Y\_curve, ij=36, Yuij=30, L\*uij=50

k=99, Ykij=100, L\*kij=99,9,  $(\Delta Y/Y) / (\Delta Y/Y)_u = 0,69$

k=30, Ykij=31, L\*kij=50,0,  $(\Delta Y/Y) / (\Delta Y/Y)_u = 0,99$

k=1, Ykij=2, L\*kij=-15,1,  $(\Delta Y/Y) / (\Delta Y/Y)_u = 2,33$

k=0, Ykij=1, L\*kij=-2,89,  $(\Delta Y/Y) / (\Delta Y/Y)_u = 2,89$

$\phi = 10'$

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

Anwendungsbereich

$$m_{u90-4} = -0,021, f_{90} = 0, f_4 = 0$$

$$m_u = -0,684$$

0,1

1

10

$Y_u = 18$

100

log Y

0,989

0,694