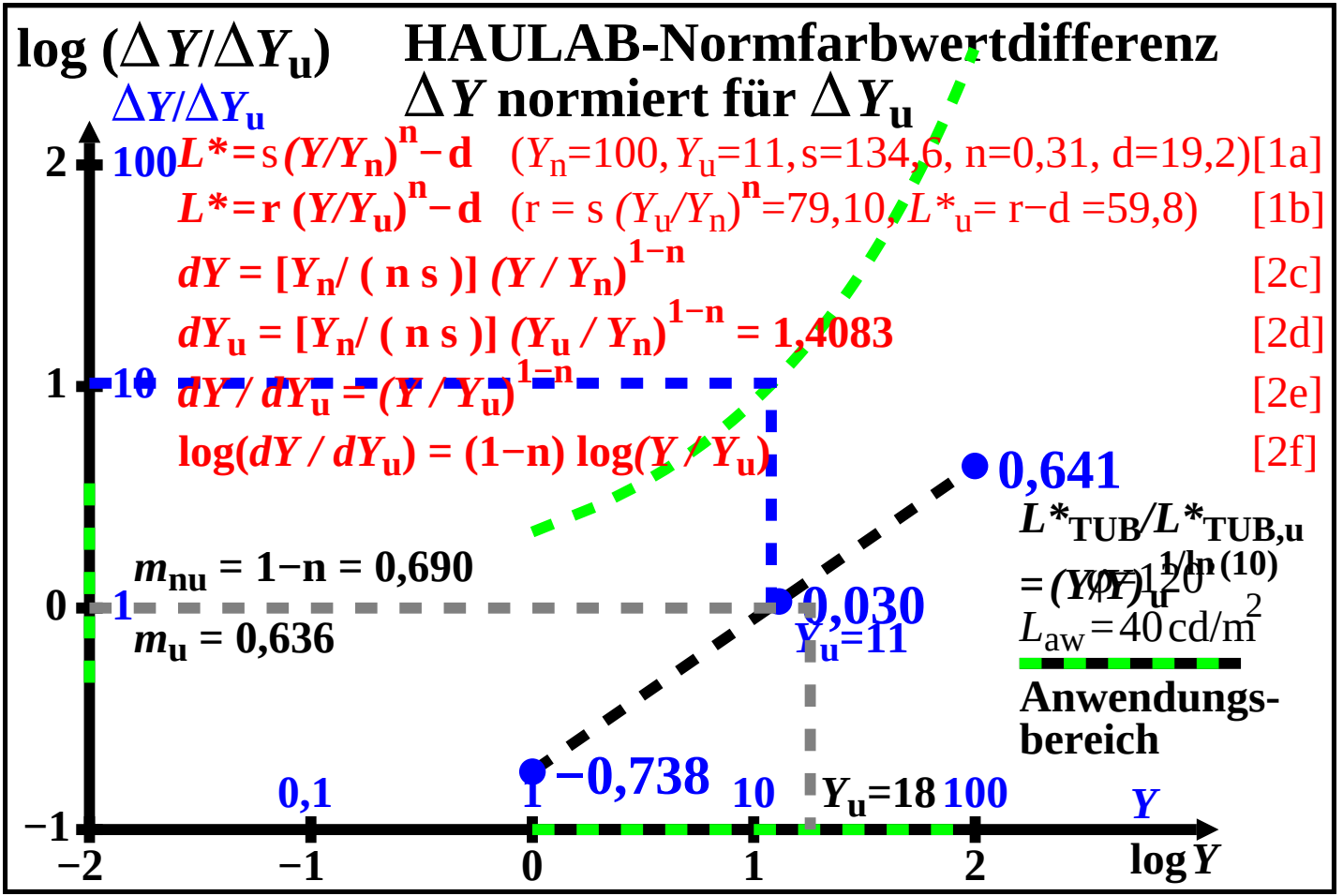
log (ΔY/ΔY_u)
HAULAB-Normfarbwertdifferenz
ΔY normiert für ΔY_u
ΔY/ΔY_u
L*=s (Y/Y_n)^n − d (Y_n=100, Y_u=11, s=134,6, n=0,31, d=19,2) [1a]
L*=r (Y/Y_u)^n − d (r = s (Y_u/Y_n)^n=79,10, L*_u= r−d =59,8) [1b]
dY = [Y_n/ (n s)] (Y / Y_n)^(1−n) [2c]
dY_u = [Y_n/ (n s)] (Y_u / Y_n)^(1−n) = 1,4083 [2d]
dY / dY_u = (Y / Y_u)^(1−n) [2e]
log(dY / dY_u) = (1−n) log(Y / Y_u) [2f]
2
100
1
10
0
1
−1
m_nu = 1−n = 0,690
m_u = 0,636
0,641
0,030
Y_u=11
−0,738
0,1
1
10
Y_u=18
100
Y
−2
−1
0
1
2
log Y
L*_TUB/L*_TUB,u
= (Y/Y_u)^(1/ln (10))
L_aw = 40 cd/m²
Anwendungs-
bereich

hgo90−8a