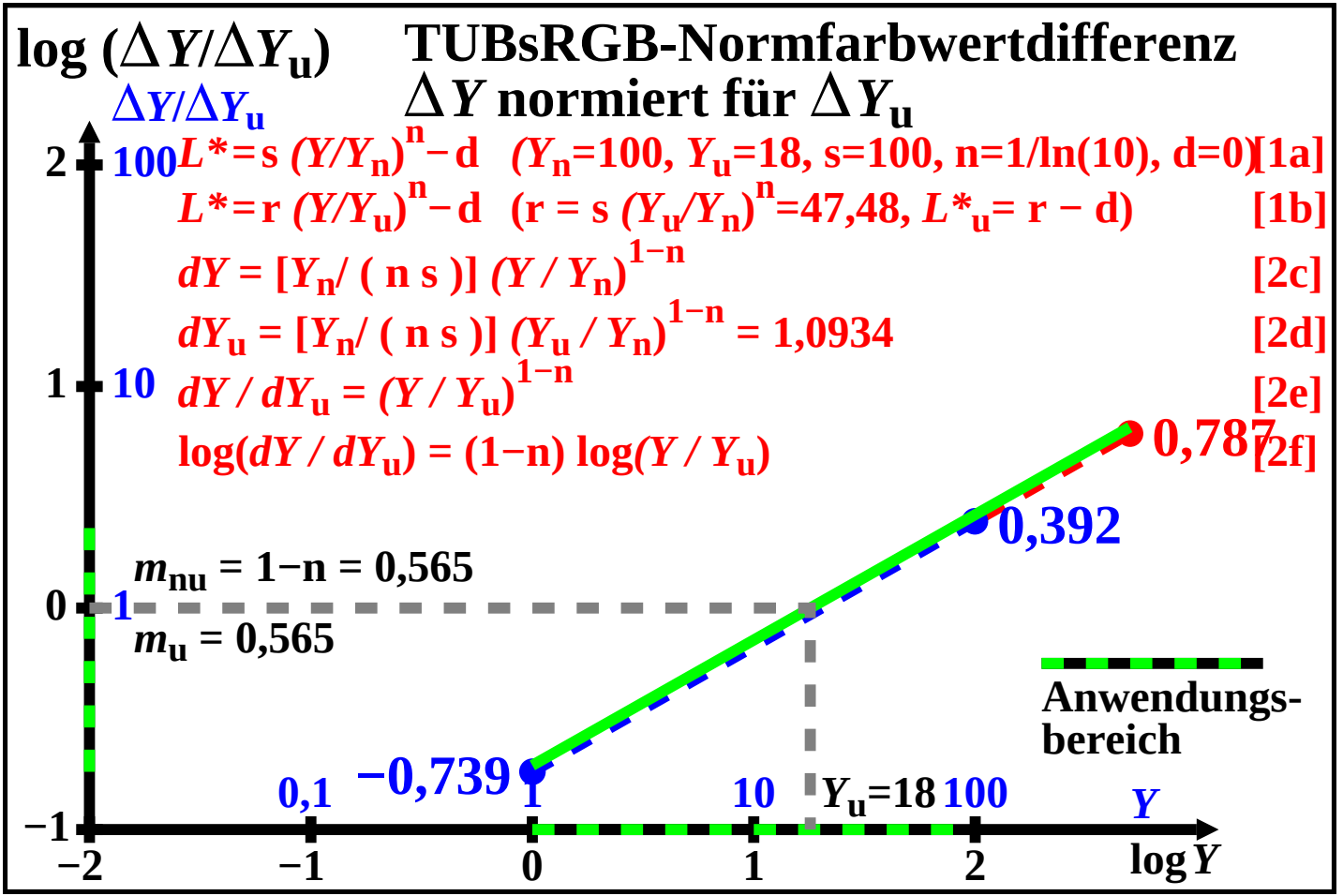
log (ΔY/ΔY_u)
TUBsRGB-Normfarbwertdifferenz
ΔY normiert für ΔY_u
ΔY/ΔY_u
L*=s (Y/Y_n)^n − d (Y_n=100, Y_u=18, s=100, n=1/ln(10), d=0) [1a]
L*=r (Y/Y_u)^n − d (r = s (Y_u/Y_n)^n=47,48, L*_u= r − d) [1b]
dY = [Y_n/ (n s)] (Y / Y_n)^1−n [2c]
dY_u = [Y_n/ (n s)] (Y_u / Y_n)^1−n = 1,0934 [2d]
dY / dY_u = (Y / Y_u)^1−n [2e]
log(dY / dY_u) = (1−n) log(Y / Y_u) [2f]
2
1
0
−1
100
10
1
0,1
−0,739
0,392
0,787
m_nu = 1−n = 0,565
m_u = 0,565
Anwendungs-
bereich
Y_u=18
Y
log Y
−2
−1
0
1
2

hgt20−6a