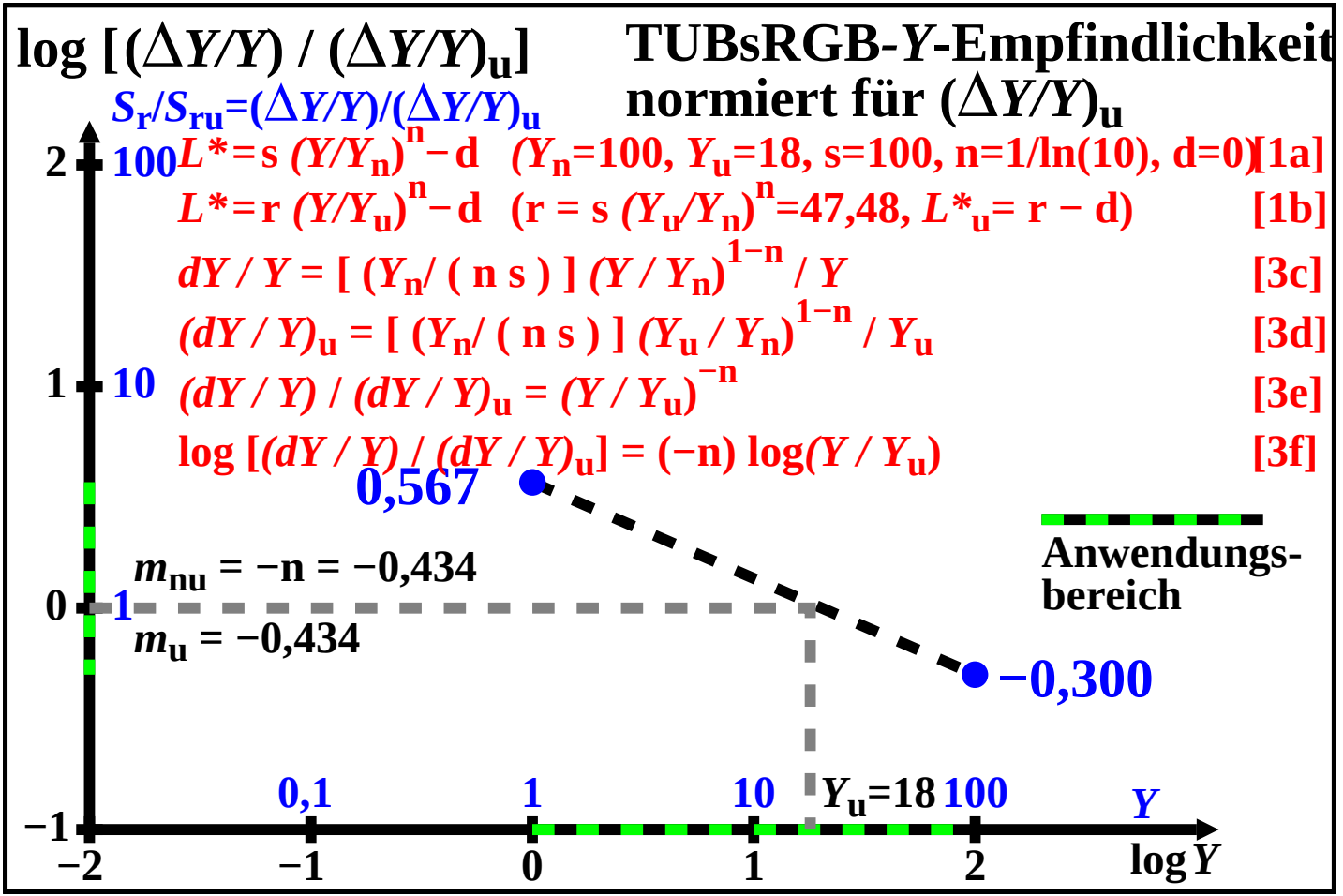
log [(ΔY/Y) / (ΔY/Y)u]
TUBsRGB-Y-Empfindlichkeit
normiert für (ΔY/Y)u
Sr/Sru=(ΔY/Y)/(ΔY/Y)u
100
10
1
2
1
0
−1
L*=s (Y/Yn)^n − d (Yn=100, Yu=18, s=100, n=1/ln(10), d=0) [1a]
L*=r (Y/Yu)^n − d (r = s (Yu/Yn)^n=47,48, L*u= r − d) [1b]
dY / Y = [(Yn/ (n s)] (Y / Yn)^(1−n) / Y [3c]
(dY / Y)u = [(Yn/ (n s)] (Yu / Yn)^(1−n) / Yu [3d]
(dY / Y) / (dY / Y)u = (Y / Yu)^−n [3e]
log [(dY / Y) / (dY / Y)u] = (−n) log(Y / Yu) [3f]
0,567
mnu = −n = −0,434
mu = −0,434
−0,300
Anwendungs-
bereich
0,1
1
10
Yu=18
100
Y
log Y
−2
−1
0
1
2

hgo20−7a