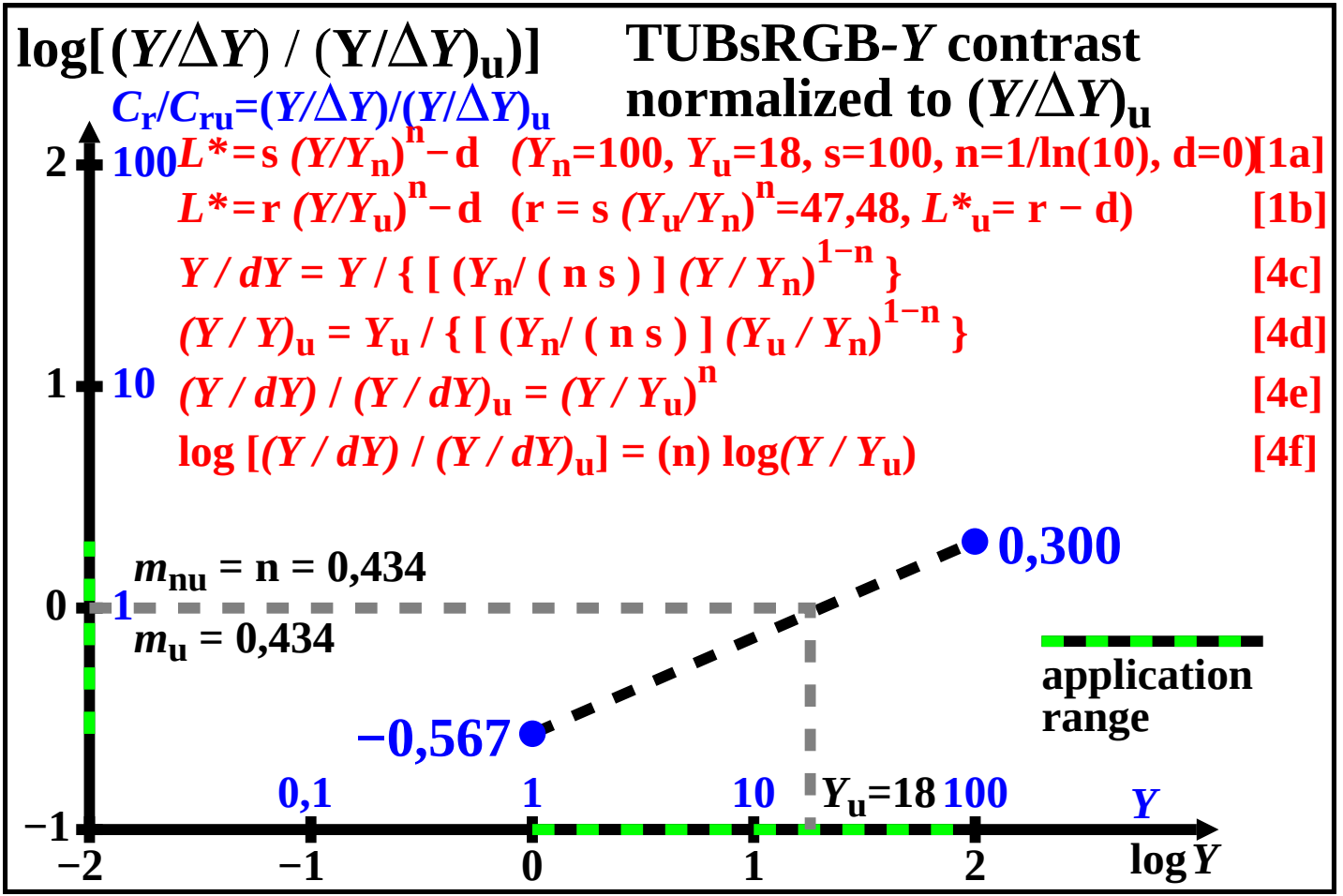
log[ (Y/ΔY) / (Y/ΔY)u)]
TUBsRGB-Y contrast
normalized to (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
L*=s (Y/Yn)n − d (Yn=100, Yu=18, s=100, n=1/ln(10), d=0) [1a]
L*=r (Y/Yu)n − d (r = s (Yu/Yn)n=47,48, L*u= r − d) [1b]
Y / dY = Y / { [ (Yn/ ( n s ) ] (Y / Yn)1−n } [4c]
(Y / Y)u = Yu / { [ (Yn/ ( n s ) ] (Yu / Yn)1−n } [4d]
(Y / dY) / (Y / dY)u = (Y / Yu)n [4e]
log [(Y / dY) / (Y / dY)u] = (n) log(Y / Yu) [4f]
2
1
0
−1
100
10
1
mnu = n = 0,434
mu = 0,434
0,300
−0,567
application range
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
2
log Y

heo40−8a