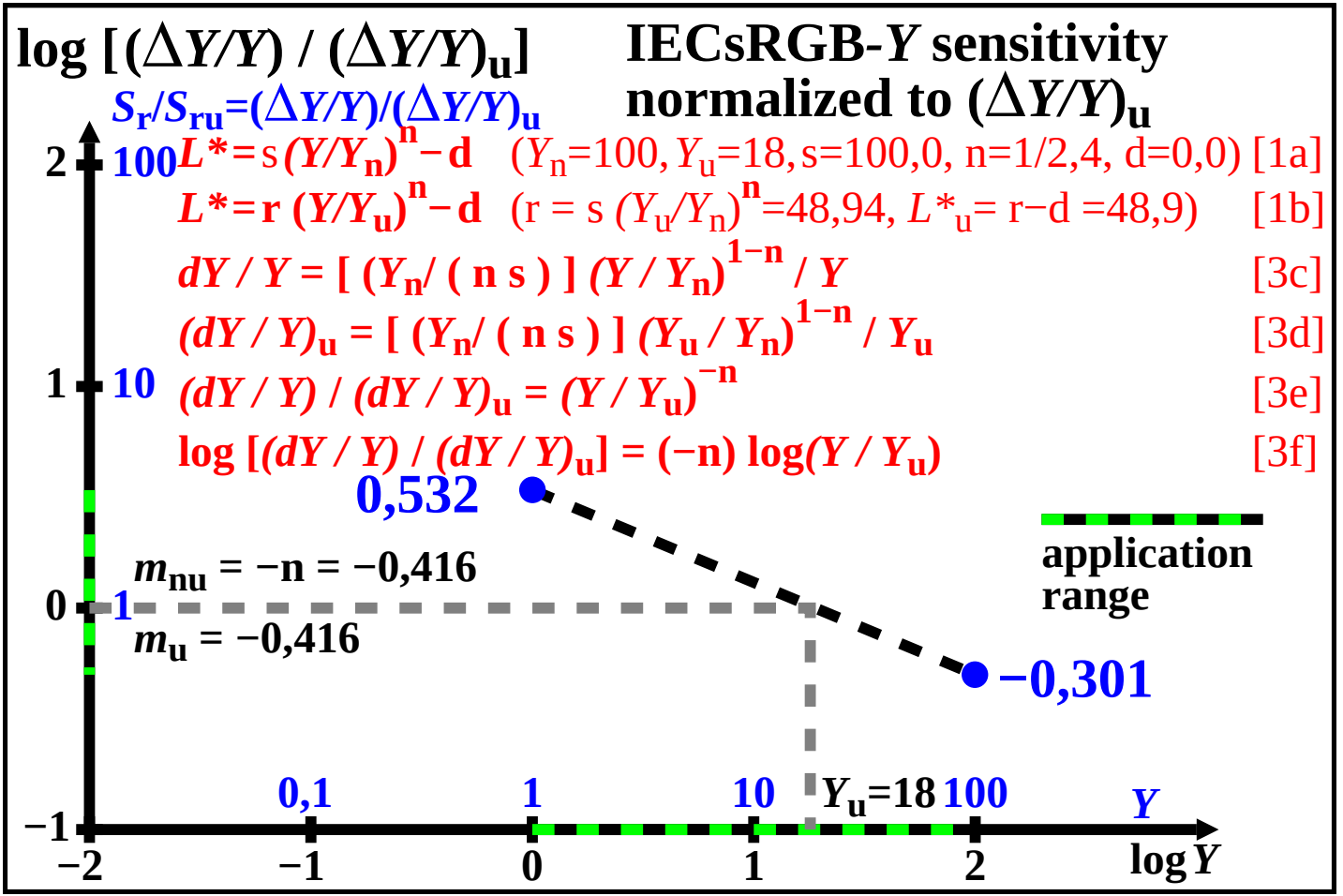
log [(ΔY/Y) / (ΔY/Y)u]
IECsRGB-Y sensitivity normalized to (ΔY/Y)u
Sr/Sru=(ΔY/Y)/(ΔY/Y)u
L*=s (Y/Yn)^n − d (Yn=100, Yu=18, s=100,0, n=1/2,4, d=0,0) [1a]
L*=r (Y/Yu)^n − d (r = s (Yu/Yn)^n=48,94, L*u= r−d =48,9) [1b]
dY / Y = [(Yn/ (n s)] (Y / Yn)^(1−n) / Y [3c]
(dY / Y)u = [(Yn/ (n s)] (Yu / Yn)^(1−n) / Yu [3d]
(dY / Y) / (dY / Y)u = (Y / Yu)^−n [3e]
log [(dY / Y) / (dY / Y)u] = (−n) log(Y / Yu) [3f]
2
1
0
−1
100
10
1
0,532
−0,301
mnu = −n = −0,416
mu = −0,416
application range
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
2
log Y

hep80−7a