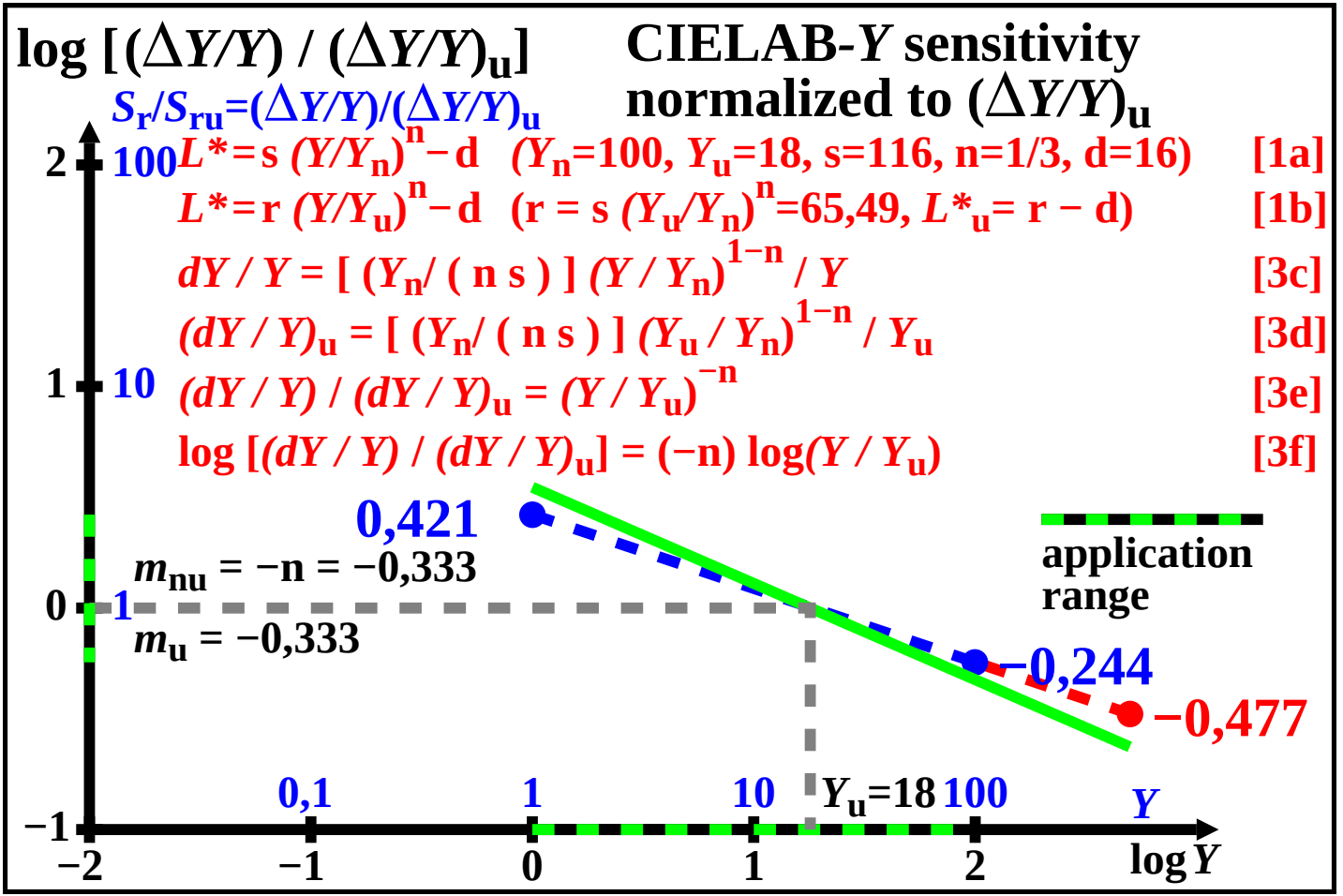
log [(ΔY/Y) / (ΔY/Y)u]
CIELAB-Y sensitivity normalized to (ΔY/Y)u
Sr/Sru=(ΔY/Y)/(ΔY/Y)u
100
10
1
L*=s (Y/Yn)^n − d (Yn=100, Yu=18, s=116, n=1/3, d=16) [1a]
L*=r (Y/Yu)^n − d (r = s (Yu/Yn)^n=65,49, L*u= r − d) [1b]
dY / Y = [(Yn/ (n s)] (Y / Yn)^1−n / Y [3c]
(dY / Y)u = [(Yn/ (n s)] (Yu / Yn)^1−n / Yu [3d]
(dY / Y) / (dY / Y)u = (Y / Yu)^−n [3e]
log [(dY / Y) / (dY / Y)u] = (−n) log(Y / Yu) [3f]
0,421
mnu = −n = −0,333
mu = −0,333
application range
−0,244
−0,477
0,1
1
10
Yu=18
100
Y
log Y
2
1
0
−1
−2
−1
0
1
2

het30−3a