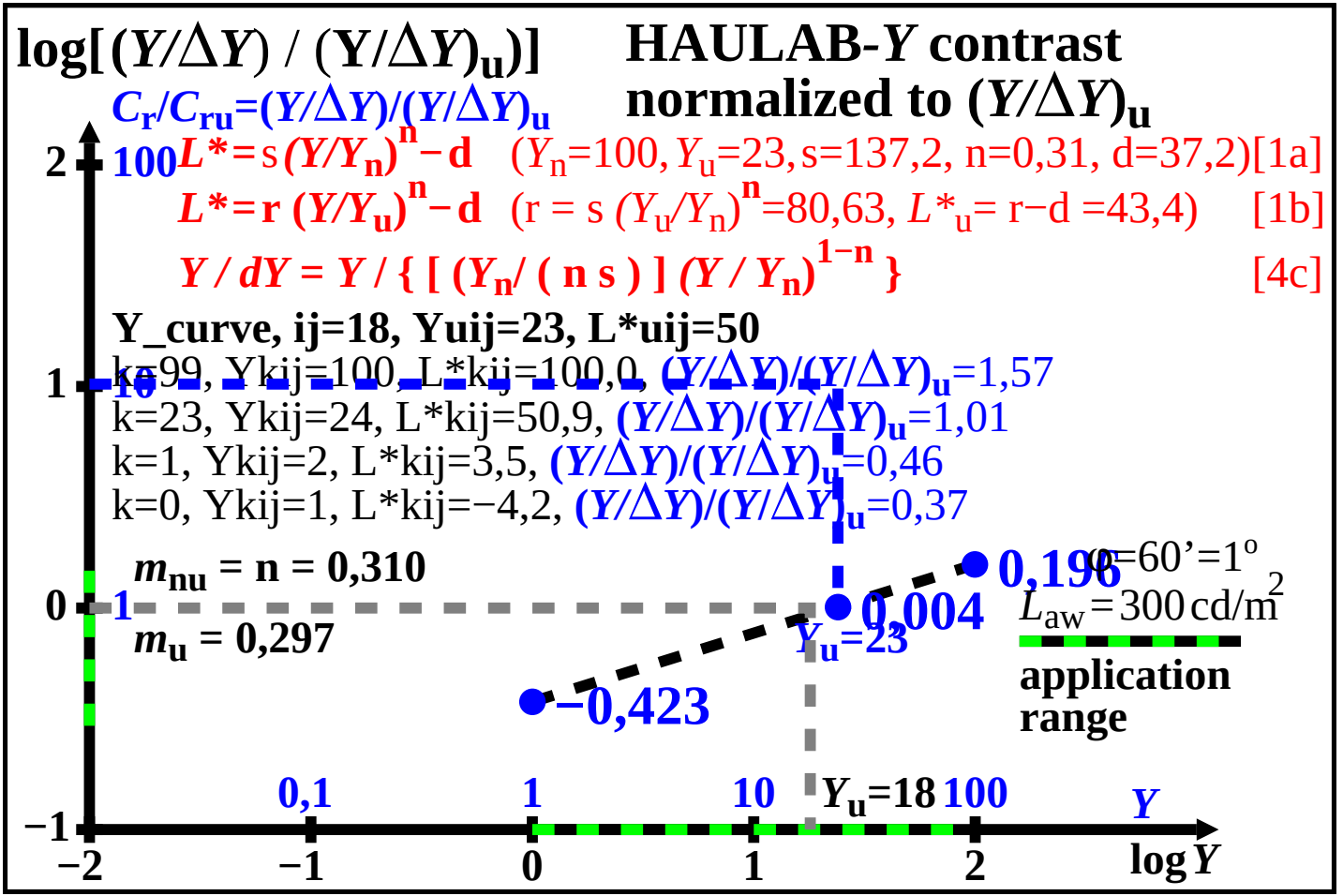
log[(Y/ΔY) / (Y/ΔY)u)]
HAULAB-Y contrast
normalized to (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
100
L*=s (Y/Yn)^n − d (Yn=100, Yu=23, s=137,2, n=0,31, d=37,2) [1a]
L*=r (Y/Yu)^n − d (r = s (Yu/Yn)^n=80,63, L*u= r−d =43,4) [1b]
Y / dY = Y / { [(Yn/ (n s)] (Y / Yn)^(1−n) } [4c]
Y_curve, ij=18, Yuij=23, L*uij=50
k=99, Ykij=100, L*kij=100,0, (Y/ΔY)/(Y/ΔY)u=1,57
k=23, Ykij=24, L*kij=50,9, (Y/ΔY)/(Y/ΔY)u=1,01
k=1, Ykij=2, L*kij=3,5, (Y/ΔY)/(Y/ΔY)u=0,46
k=0, Ykij=1, L*kij=−4,2, (Y/ΔY)/(Y/ΔY)u=0,37
10
1
mnu = n = 0,310
mu = 0,297
0,196
0,004
−0,423
Yu=23
φ=60'=1°
Law=300 cd/m2
application range
0,1
1
10
Yu=18
100
Y
log Y
2
1
0
−1
−2
−1
0
1
2

hen11−6a