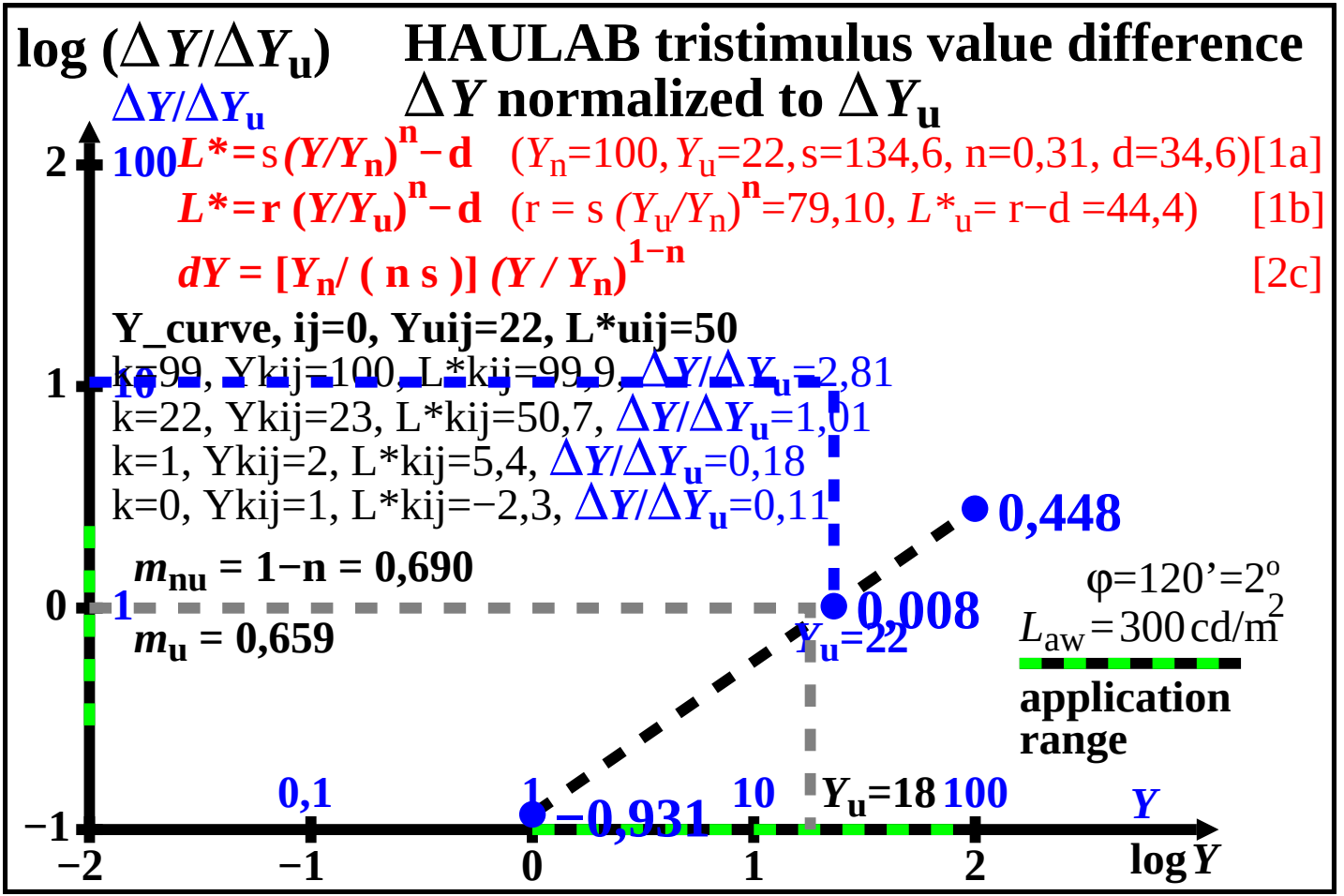
log (ΔY/ΔYu)
HAULAB tristimulus value difference
ΔY normalized to ΔYu
ΔY/ΔYu
100
L*=s(Y/Yn)^n−d (Yn=100, Yu=22, s=134,6, n=0,31, d=34,6) [1a]
L*=r (Y/Yu)^n−d (r = s (Yu/Yn)^n=79,10, L*u= r−d =44,4) [1b]
dY = [Yn/ (n s)] (Y / Yn)^1−n [2c]
Y_curve, ij=0, Yuij=22, L*uij=50
k=99, Ykij=100, L*kij=99,9, ΔY/ΔYu=2,81
k=22, Ykij=23, L*kij=50,7, ΔY/ΔYu=1,01
k=1, Ykij=2, L*kij=5,4, ΔY/ΔYu=0,18
k=0, Ykij=1, L*kij=−2,3, ΔY/ΔYu=0,11
10
1
mnu = 1−n = 0,690
mu = 0,659
0,448
0,008
Yu=22
φ=120'=2°
Law=300 cd/m2
application range
0,1
1
10
Yu=18
100
Y
−0,931
2
1
0
−1
−2
log Y

hen10−5a