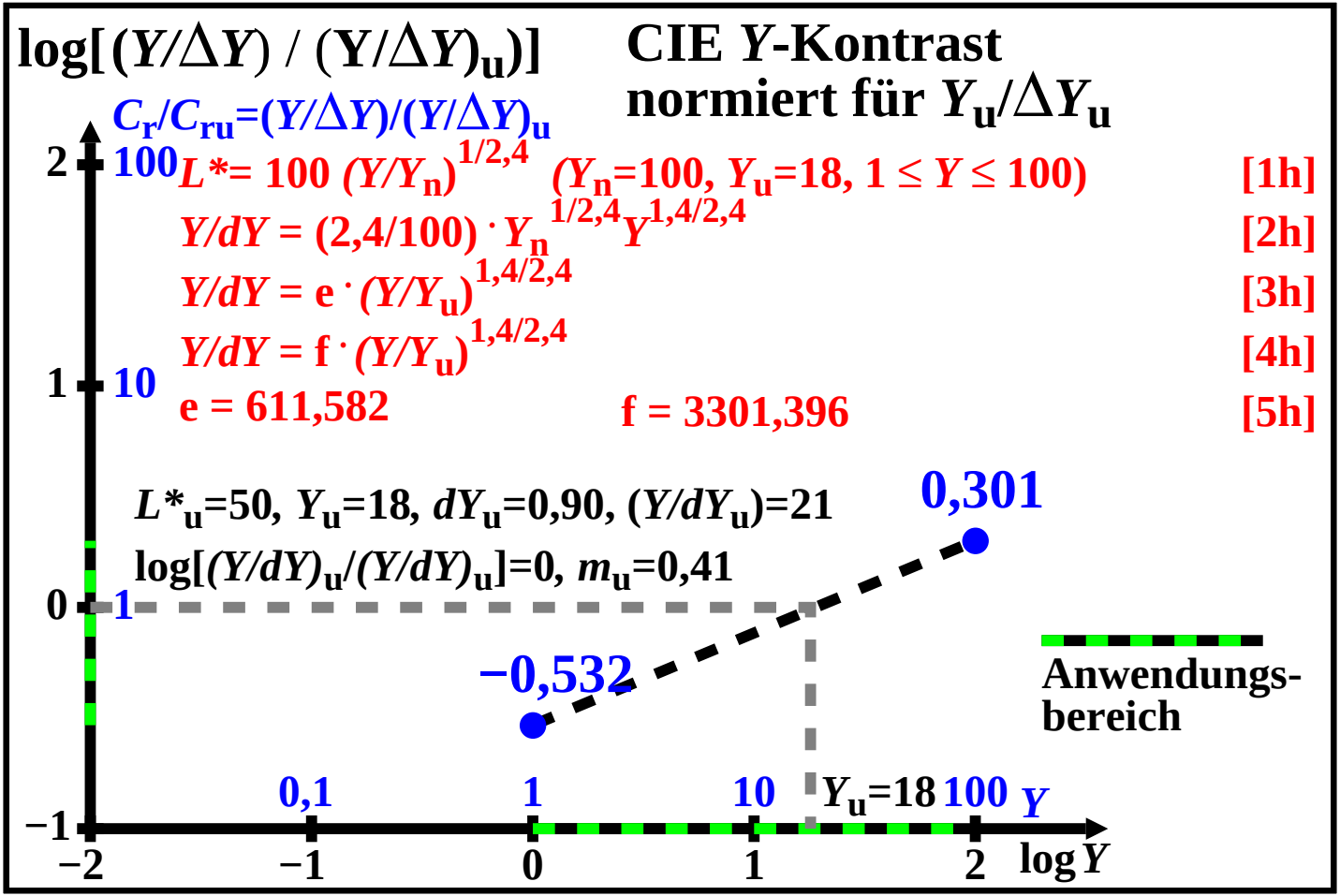
log[(Y/ΔY) / (Y/ΔY)u)]
CIE Y-Kontrast
normiert für Yu/ΔYu
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
2
100
L*= 100 (Y/Yn)1/2,4 (Yn=100, Yu=18, 1 ≤ Y ≤ 100) [1h]
Y/dY = (2,4/100) · Yn1/2,4 Y1,4/2,4 [2h]
Y/dY = e · (Y/Yu)1,4/2,4 [3h]
Y/dY = f · (Y/Yu)1,4/2,4 [4h]
1
10
e = 611,582
f = 3301,396 [5h]
L*u=50, Yu=18, dYu=0,90, (Y/dYu)=21
log[(Y/dY)u/(Y/dY)u]=0, mu=0,41
0,301
0
1
−0,532
Anwendungs-
bereich
−1
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
2
log Y

hgc90−4a