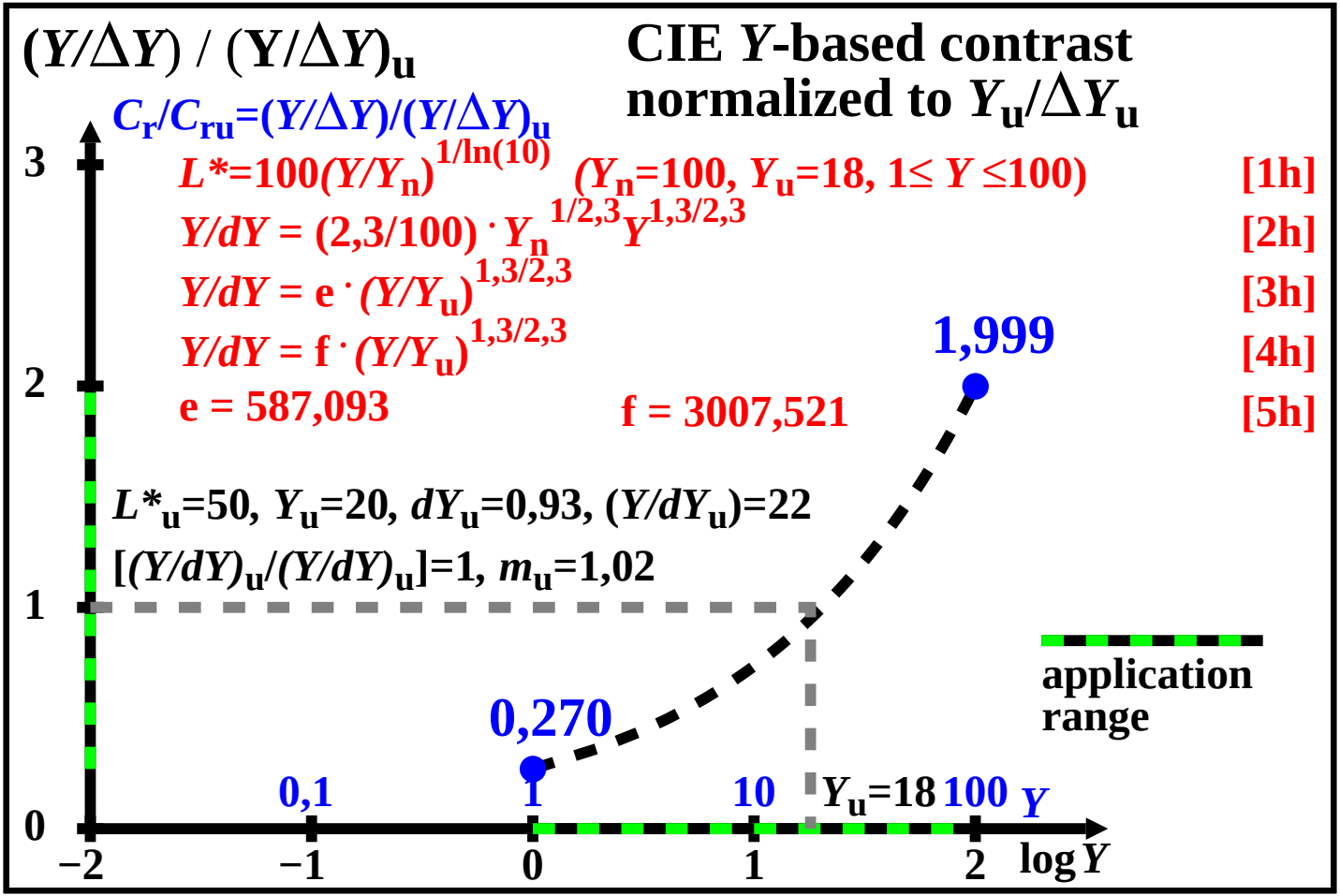
(Y/ΔY) / (Y/ΔY)u
CIE Y-based contrast normalized to Yu/ΔYu
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
L*=100(Y/Yn)1/ln(10) (Yn=100, Yu=18, 1≤ Y ≤100) [1h]
Y/dY = (2,3/100) · Yn1/2,3Y1,3/2,3 [2h]
Y/dY = e · (Y/Yu)1,3/2,3 [3h]
Y/dY = f · (Y/Yu)1,3/2,3 [4h]
e = 587,093
f = 3007,521 [5h]
1,999
L*u=50, Yu=20, dYu=0,93, (Y/dYu)=22
[(Y/dY)u/(Y/dY)u]=1, mu=1,02
application range
0,270
0,1
1
10
Yu=18
100
Y
3
2
1
0
−2
−1
0
1
2
log Y

gez91−8a