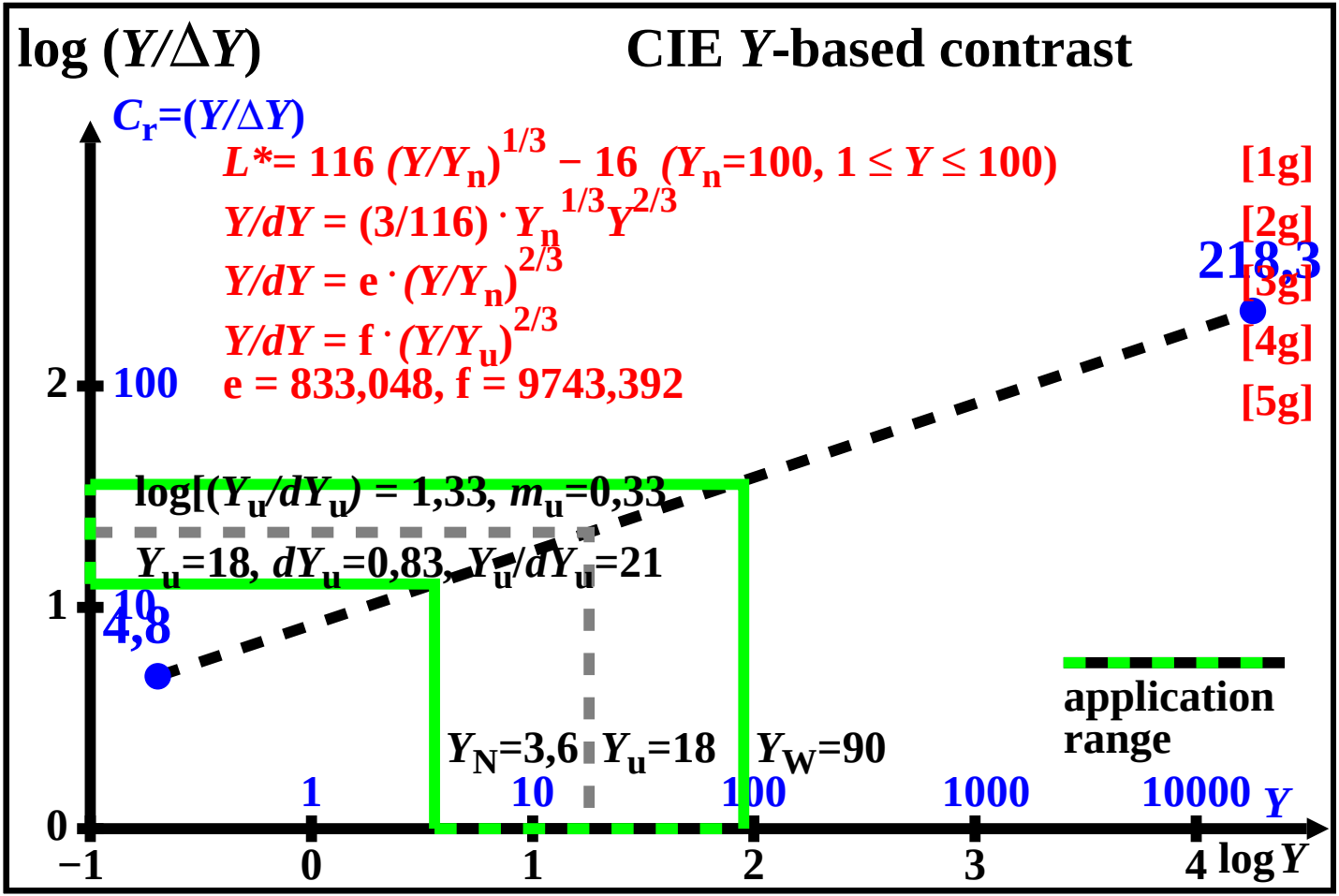
log (Y/ΔY)
CIE Y-based contrast
Cr=(Y/ΔY)
L*= 116 (Y/Yn)1/3 − 16 (Yn=100, 1 ≤ Y ≤ 100)
Y/dY = (3/116) · Yn1/3Y2/3
Y/dY = e · (Y/Yn)2/3
Y/dY = f · (Y/Yu)2/3
e = 833,048, f = 9743,392
[1g]
[2g]
[3g]
[4g]
[5g]
218,3
2
100
log[(Yu/dYu) = 1,33, mu=0,33
Yu=18, dYu=0,83, Yu/dYu=21
1
10
4,8
application range
YN=3,6
Yu=18
YW=90
1
10
100
1000
10000
Y
0
−1
0
1
2
3
4
log Y

DEQ20−7A