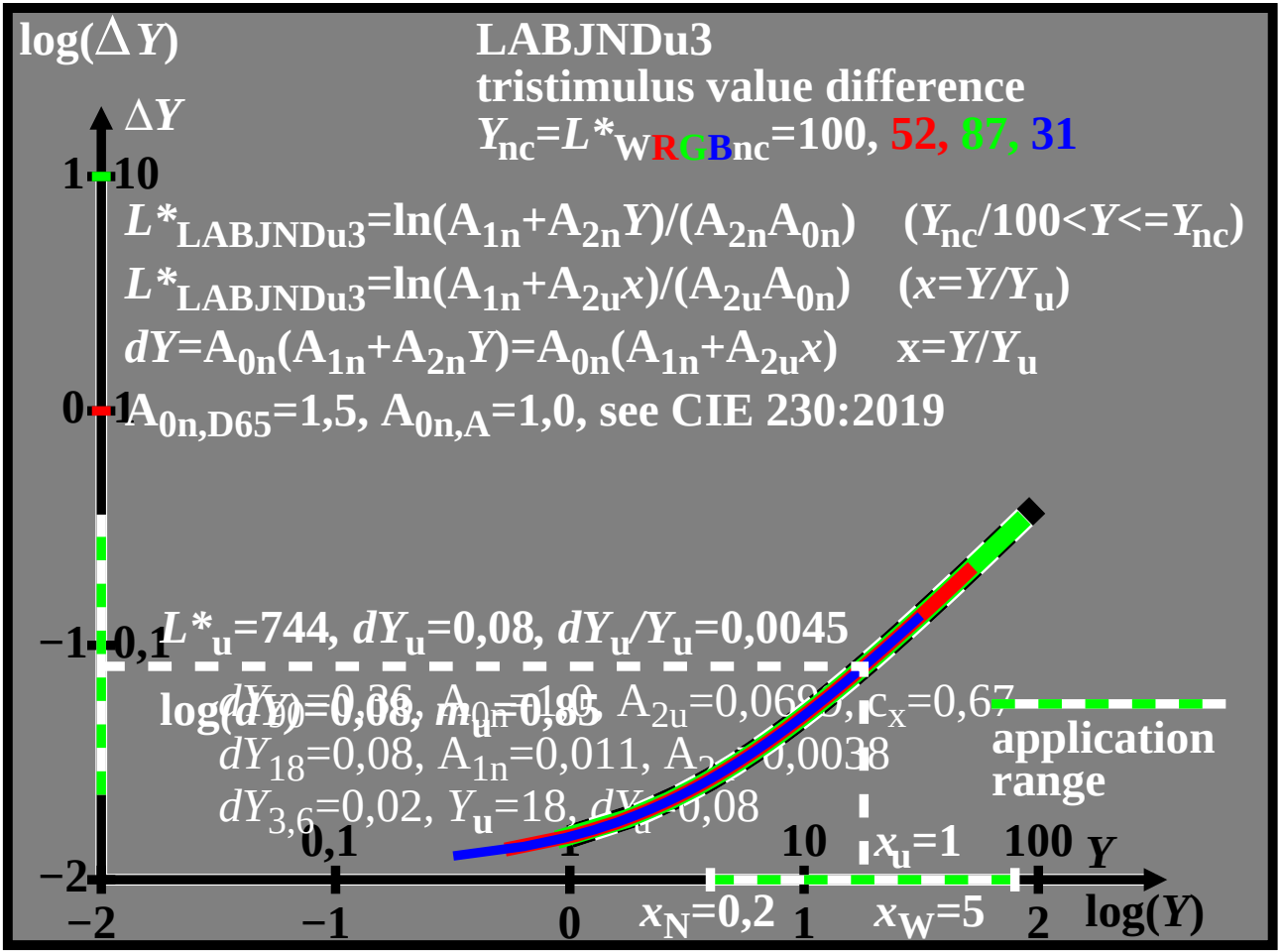
log(ΔY)
LABJNDu3
tristimulus value difference
Ync=L*WRGBnc=100, 52, 87, 31
ΔY
1 10
L*LABJNDu3=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
L*LABJNDu3=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
dY=A0n(A1n+A2nY)=A0n(A1n+A2ux) x=Y/Yu
0 1
A0n,D65=1,5, A0n,A=1,0, see CIE 230:2019
L*u=744, dYu=0,08, dYu/Yu=0,0045
−1 0,1
log(dY)=0,08, mu=0,85
dY0=0,36, A0n=1,0, A2u=0,0689, cx=0,67
dY18=0,08, A1n=0,011, A2n=0,0038
dY3,6=0,02, Yu=18, dYu=0,08
application range
0,1
1
10
xu=1
100
Y
−2
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)

CED31−3A