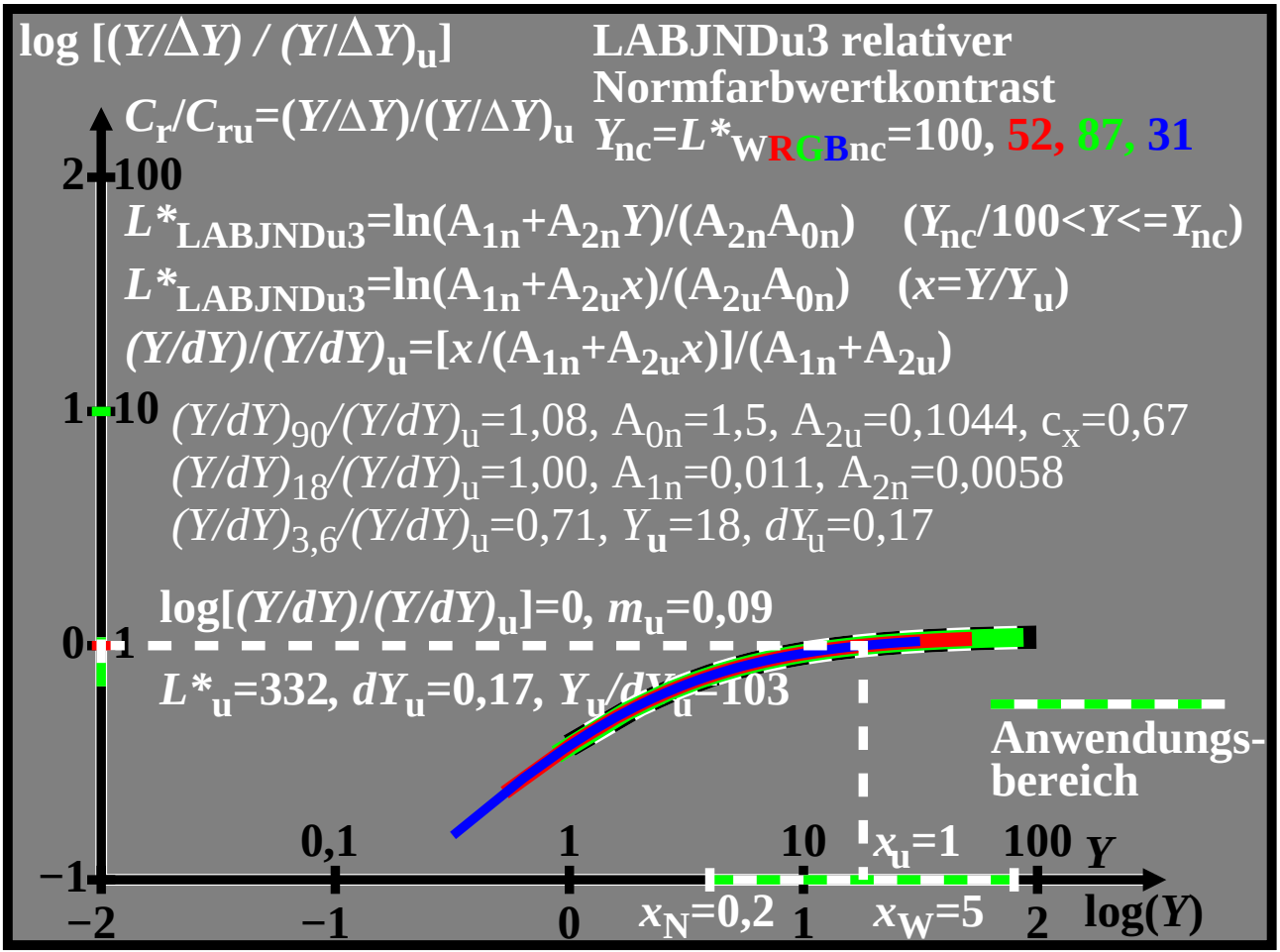
log [(Y/ΔY) / (Y/ΔY)u]
LABJNDu3 relativer Normfarbwertkontrast
Ync=L*WRGBnc=100, 52, 87, 31
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
2
100
L*LABJNDu3=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
L*LABJNDu3=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
(Y/dY)/(Y/dY)u=[x/(A1n+A2ux)]/(A1n+A2u)
1
10
(Y/dY)90/(Y/dY)u=1,08, A0n=1,5, A2u=0,1044, cx=0,67
(Y/dY)18/(Y/dY)u=1,00, A1n=0,011, A2n=0,0058
(Y/dY)3,6/(Y/dY)u=0,71, Yu=18, dYu=0,17
log[(Y/dY)/(Y/dY)u]=0, mu=0,09
0
1
L*u=332, dYu=0,17, Yu/dYu=103
Anwendungs-bereich
0,1
1
10
xu=1
100
Y
−1
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)

CGG31−8A