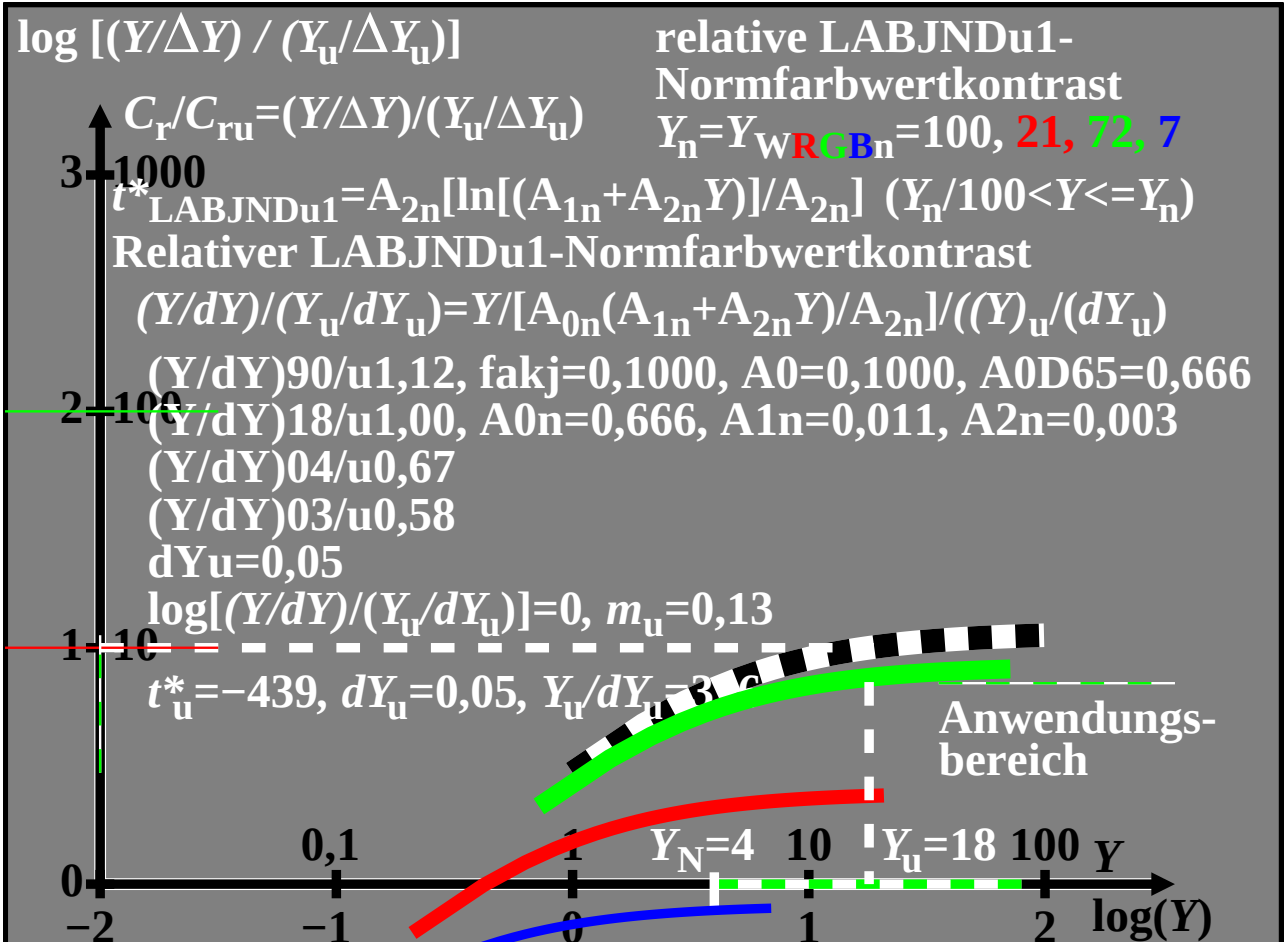
log [(Y/ΔY) / (Yu/ΔYu)]
relative LABJNDu1-Normfarbwertkontrast
Yn=YWRGBn=100, 21, 72, 7
Cr/Cru=(Y/ΔY)/(Yu/ΔYu)
3 1000
t*LABJNDu1=A2n[ln[(A1n+A2nY)]/A2n] (Yn/100<Y<=Yn)
Relativer LABJNDu1-Normfarbwertkontrast
(Y/dY)/(Yu/dYu)=Y/[A0n(A1n+A2nY)/A2n]/((Y)u/(dYu)
(Y/dY)90/u1,12, fakj=0,1000, A0=0,1000, A0D65=0,666
2 100
(Y/dY)18/u1,00, A0n=0,666, A1n=0,011, A2n=0,003
(Y/dY)04/u0,67
(Y/dY)03/u0,58
dYu=0,05
log[(Y/dY)/(Yu/dYu)]=0, mu=0,13
1 10
t*u=−439, dYu=0,05, Yu/dYu=3,6
Anwendungs-bereich
0,1
1
YN=4
10
Yu=18
100
Y
0
−2
−1
0
1
2
log(Y)

CGE20−8A