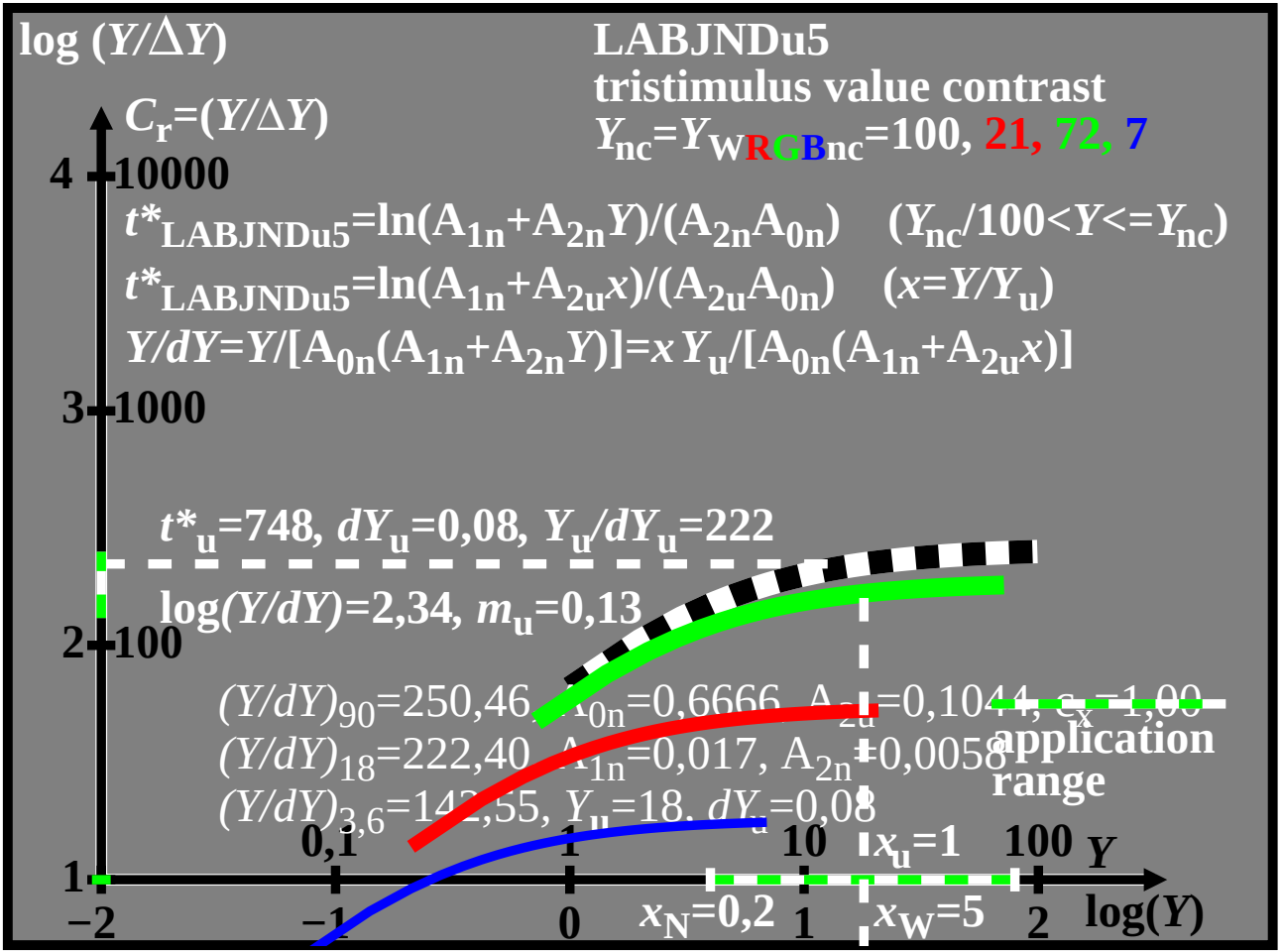
log (Y/ΔY)
LABJNDu5
tristimulus value contrast
Ync=YWRGBnc=100, 21, 72, 7
Cr=(Y/ΔY)
4
10000
t*LABJNDu5=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
t*LABJNDu5=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
Y/dY=Y/[A0n(A1n+A2nY)]=x Yu/[A0n(A1n+A2ux)]
3
1000
t*u=748, dYu=0,08, Yu/dYu=222
log(Y/dY)=2,34, mu=0,13
2
100
(Y/dY)90=250,46, A0n=0,6666, A2u=0,1044, cx=1,00
(Y/dY)18=222,40, A1n=0,017, A2n=0,0058
application range
(Y/dY)3,6=142,55, Yu=18, dYu=0,08
0,1
1
10
xu=1
100
Y
1
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)

CEU50−7A