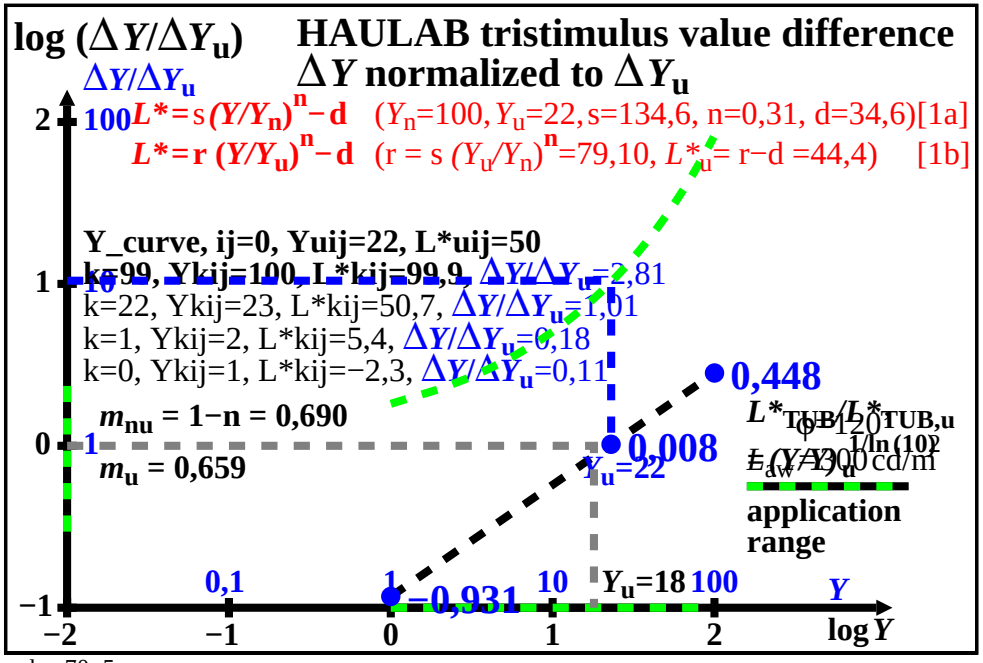
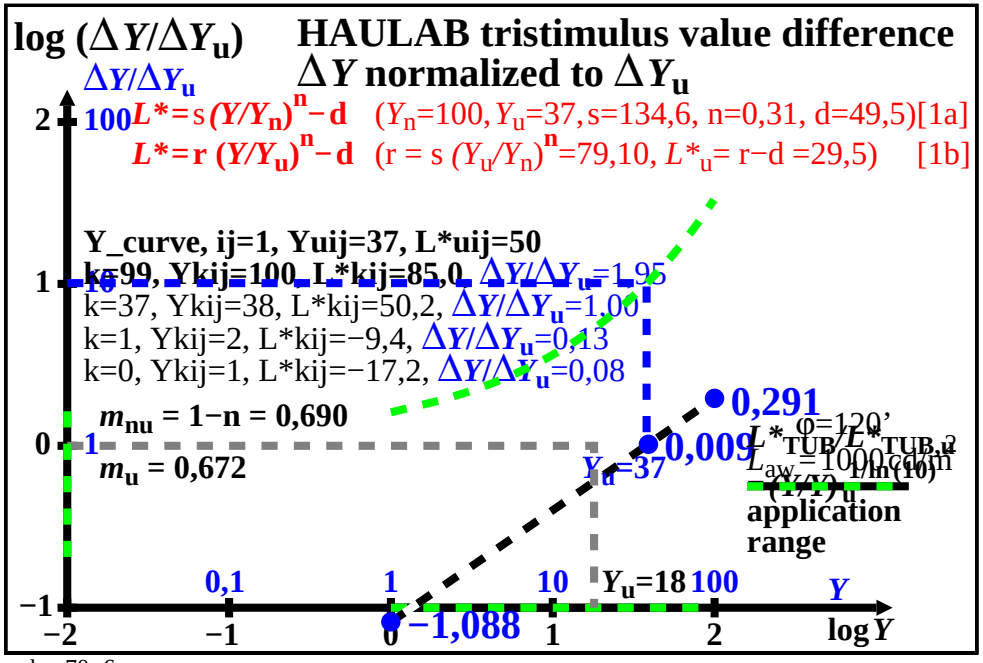
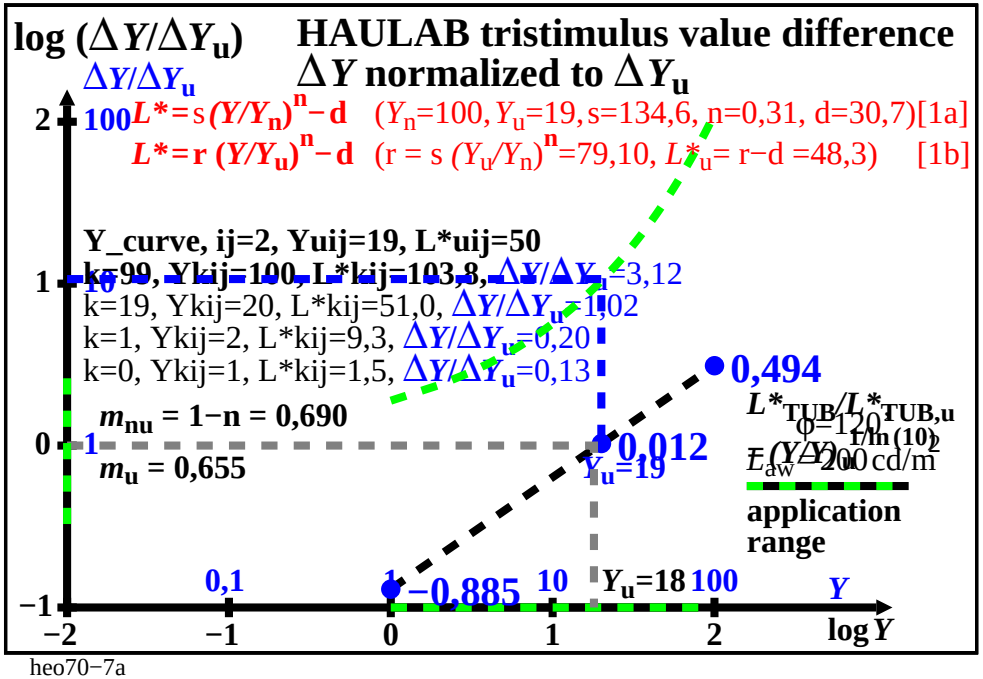
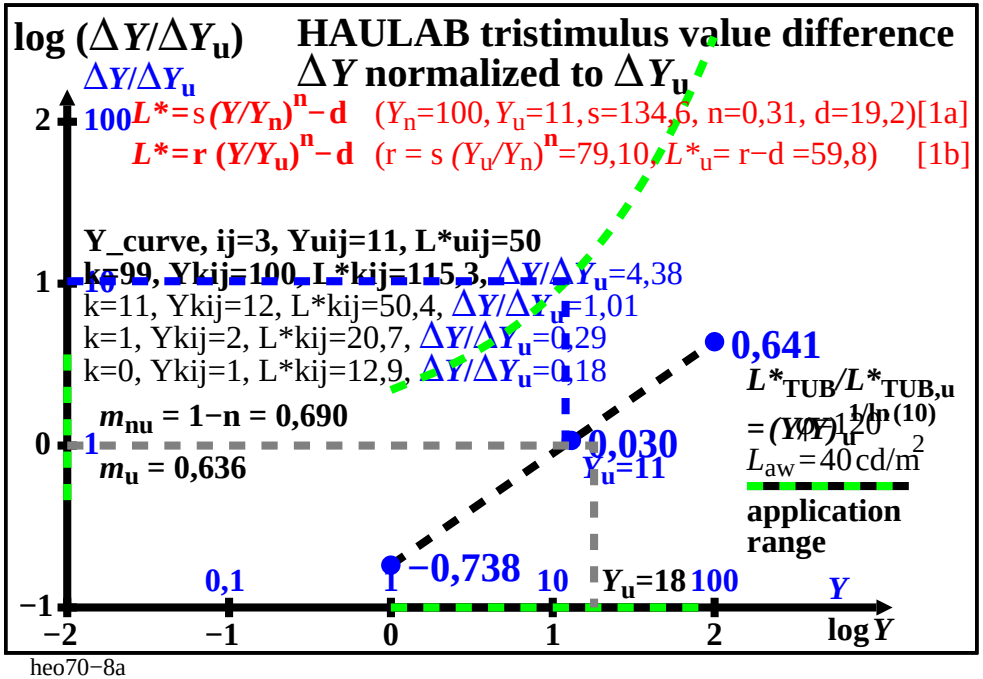

log (ΔY/ΔYu)
HAULAB tristimulus value difference
ΔY normalized to ΔYu
ΔY/ΔYu
L*=s (Y/Yn)^n−d (Yn=100, Yu=22, s=134,6, n=0,31, d=34,6)[1a]
L*=r (Y/Yu)^n−d (r = s (Yu/Yn)^n=79,10, L*u= r−d =44,4) [1b]
Y_curve, ij=0, Yuij=22, L*uij=50
k=99, Ykij=100, L*kij=99,9, ΔY/ΔYu=2,81
k=22, Ykij=23, L*kij=50,7, ΔY/ΔYu=1,01
k=1, Ykij=2, L*kij=5,4, ΔY/ΔYu=0,18
k=0, Ykij=1, L*kij=−2,3, ΔY/ΔYu=0,11
mnu = 1−n = 0,690
mu = 0,659
0,448
0,008
−0,931
Yu=22
Yu=18
L*TUB/L*TUB,u = (Y/Yu)^(1/ln(10))
Φ=120
Law=1000 cd/m²
application range
0,1
1
10
100
Y
log Y
heo70−5a


log (ΔY/ΔYu)
HAULAB tristimulus value difference
ΔY normalized to ΔYu
ΔY/ΔYu
L*=s (Y/Yn)^n−d (Yn=100, Yu=37, s=134,6, n=0,31, d=49,5)[1a]
L*=r (Y/Yu)^n−d (r = s (Yu/Yn)^n=79,10, L*u= r−d =29,5) [1b]
Y_curve, ij=1, Yuij=37, L*uij=50
k=99, Ykij=100, L*kij=85,0, ΔY/ΔYu=1,95
k=37, Ykij=38, L*kij=50,2, ΔY/ΔYu=1,00
k=1, Ykij=2, L*kij=−9,4, ΔY/ΔYu=0,13
k=0, Ykij=1, L*kij=−17,2, ΔY/ΔYu=0,08
mnu = 1−n = 0,690
mu = 0,672
0,291
0,009
−1,088
Yu=37
Yu=18
L*TUB/L*TUB,u = (Y/Yu)^(1/ln(10))
Φ=120
Law=1000 cd/m²
application range
0,1
1
10
100
Y
log Y
heo70−6a


log (ΔY/ΔYu)
HAULAB tristimulus value difference
ΔY normalized to ΔYu
ΔY/ΔYu
L*=s (Y/Yn)^n−d (Yn=100, Yu=19, s=134,6, n=0,31, d=30,7)[1a]
L*=r (Y/Yu)^n−d (r = s (Yu/Yn)^n=79,10, L*u= r−d =48,3) [1b]
Y_curve, ij=2, Yuij=19, L*uij=50
k=99, Ykij=100, L*kij=103,8, ΔY/ΔYu=3,12
k=19, Ykij=20, L*kij=51,0, ΔY/ΔYu=1,02
k=1, Ykij=2, L*kij=9,3, ΔY/ΔYu=0,20
k=0, Ykij=1, L*kij=1,5, ΔY/ΔYu=0,13
mnu = 1−n = 0,690
mu = 0,655
0,494
0,012
−0,885
Yu=19
Yu=18
L*TUB/L*TUB,u = (Y/Yu)^(1/ln(10))
Φ=120
Law=200 cd/m²
application range
0,1
1
10
100
Y
log Y
heo70−7a


log (ΔY/ΔYu)
HAULAB tristimulus value difference
ΔY normalized to ΔYu
ΔY/ΔYu
L*=s (Y/Yn)^n−d (Yn=100, Yu=11, s=134,6, n=0,31, d=19,2)[1a]
L*=r (Y/Yu)^n−d (r = s (Yu/Yn)^n=79,10, L*u= r−d =59,8) [1b]
Y_curve, ij=3, Yuij=11, L*uij=50
k=99, Ykij=100, L*kij=115,3, ΔY/ΔYu=4,38
k=11, Ykij=12, L*kij=50,4, ΔY/ΔYu=1,01
k=1, Ykij=2, L*kij=20,7, ΔY/ΔYu=0,29
k=0, Ykij=1, L*kij=12,9, ΔY/ΔYu=0,18
mnu = 1−n = 0,690
mu = 0,636
0,641
0,030
−0,738
Yu=11
Yu=18
L*TUB/L*TUB,u = (Y/Yu)^(1/ln(10))
Φ=120
Law=40 cd/m²
application range
0,1
1
10
100
Y
log Y
heo70−8a

heo70−7n