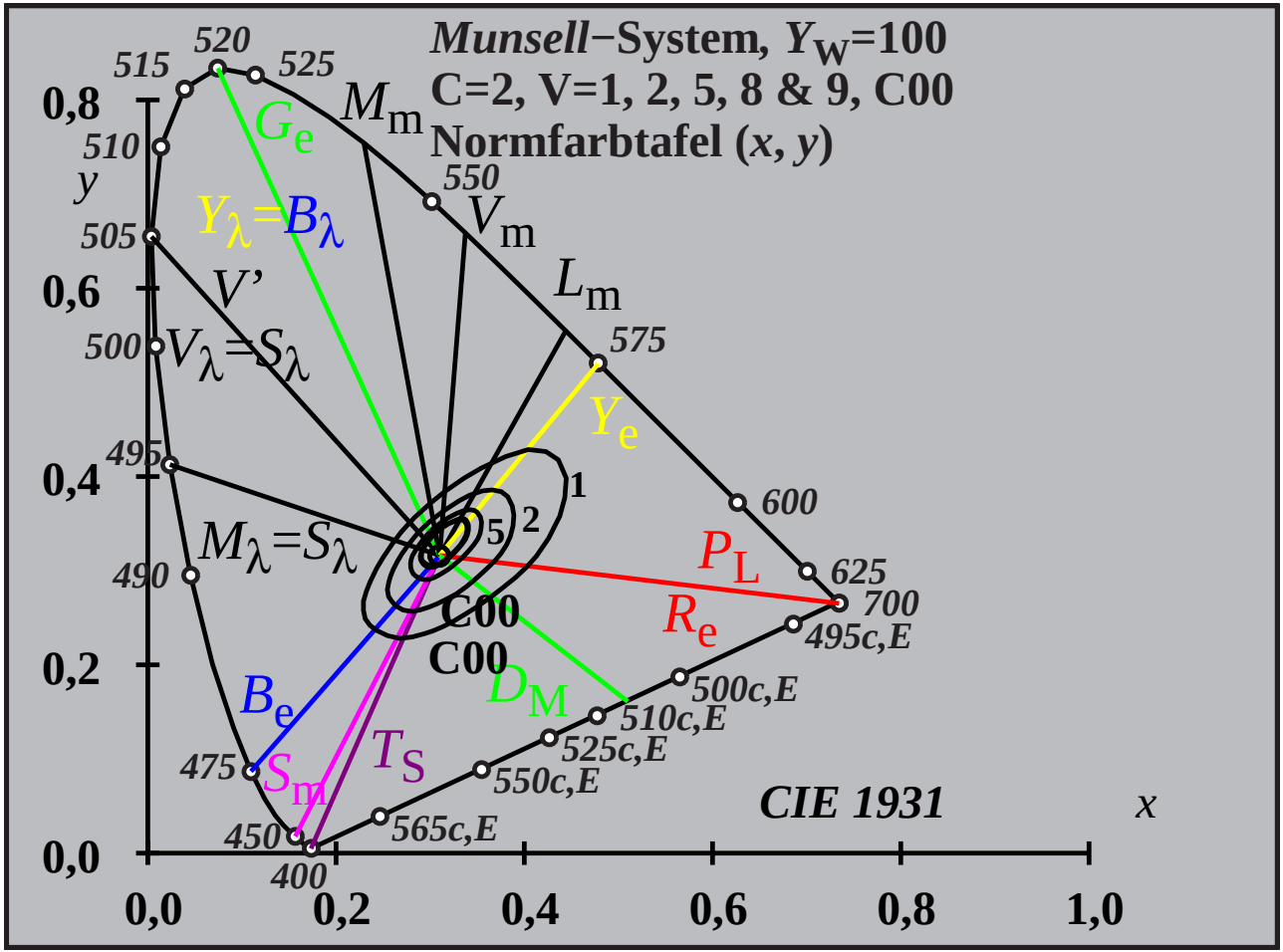

Munsell−System, Y_W=100
C=2, V=1, 2, 5, 8 & 9, C00
Normfarbtafel (x, y)
520
515
525
M_m
G_e
510
550
V_m
y
Y_λ=B_λ
505
L_m
V'
575
500
V_λ=S_λ
Y_e
495
1
600
M_λ=S_λ
5
2
P_L
625
490
C00
R_e
700
495c,E
C00
B_e
D_M
500c,E
510c,E
525c,E
475
S_m
T_S
550c,E
CIE 1931
x
450
565c,E
400
0,8
0,6
0,4
0,2
0,0
0,0
0,2
0,4
0,6
0,8
1,0

CG151−1A_1

X_W=98,07, Y_W=100,00, Z_W=118,22

x_W=0,3100 y_W=0,3161

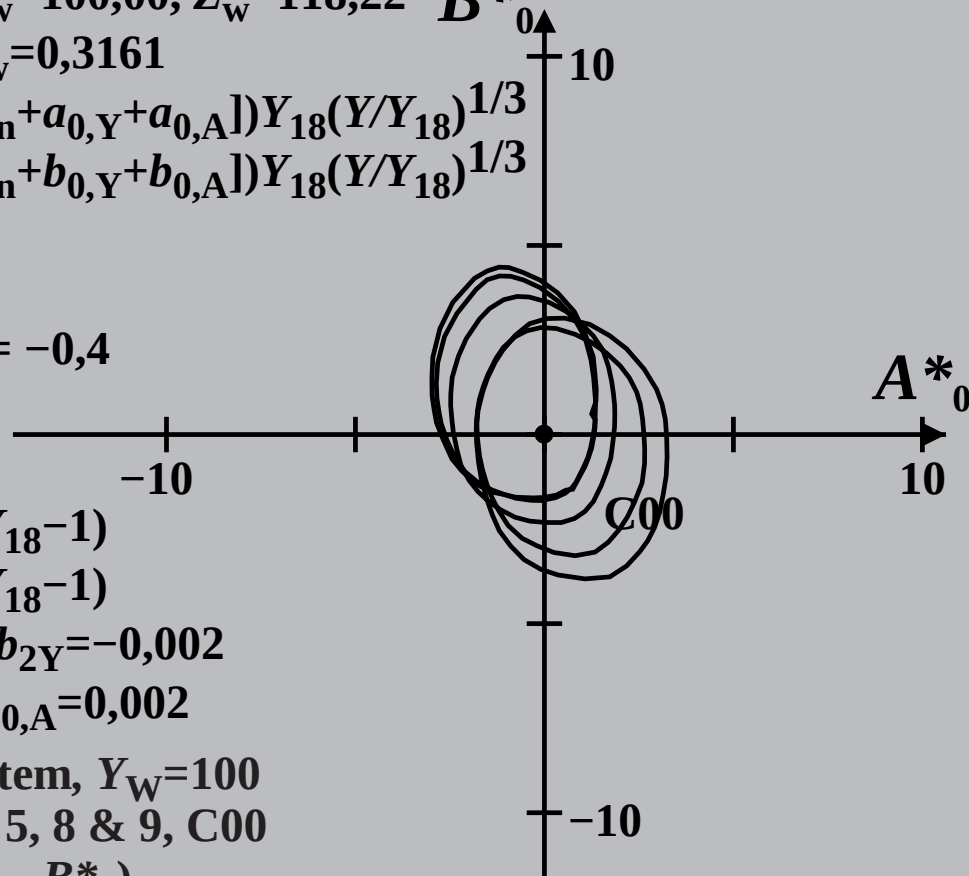
$A^*_0=(a_0-[a_{0,n}+a_{0,Y}+a_{0,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_0=(b_0-[b_{0,n}+b_{0,Y}+b_{0,A}])Y_{18}(Y/Y_{18})^{1/3}$

$a_0 = a_{20}\,[x/y]$

$b_0 = b_{20}\,[z/y]$

$a_{20} = 1,\ b_{20} = -0{,}4$



n = C00

$a_{0,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{0,Y}=b_{2Y}(Y/Y_{18}-1)$

$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

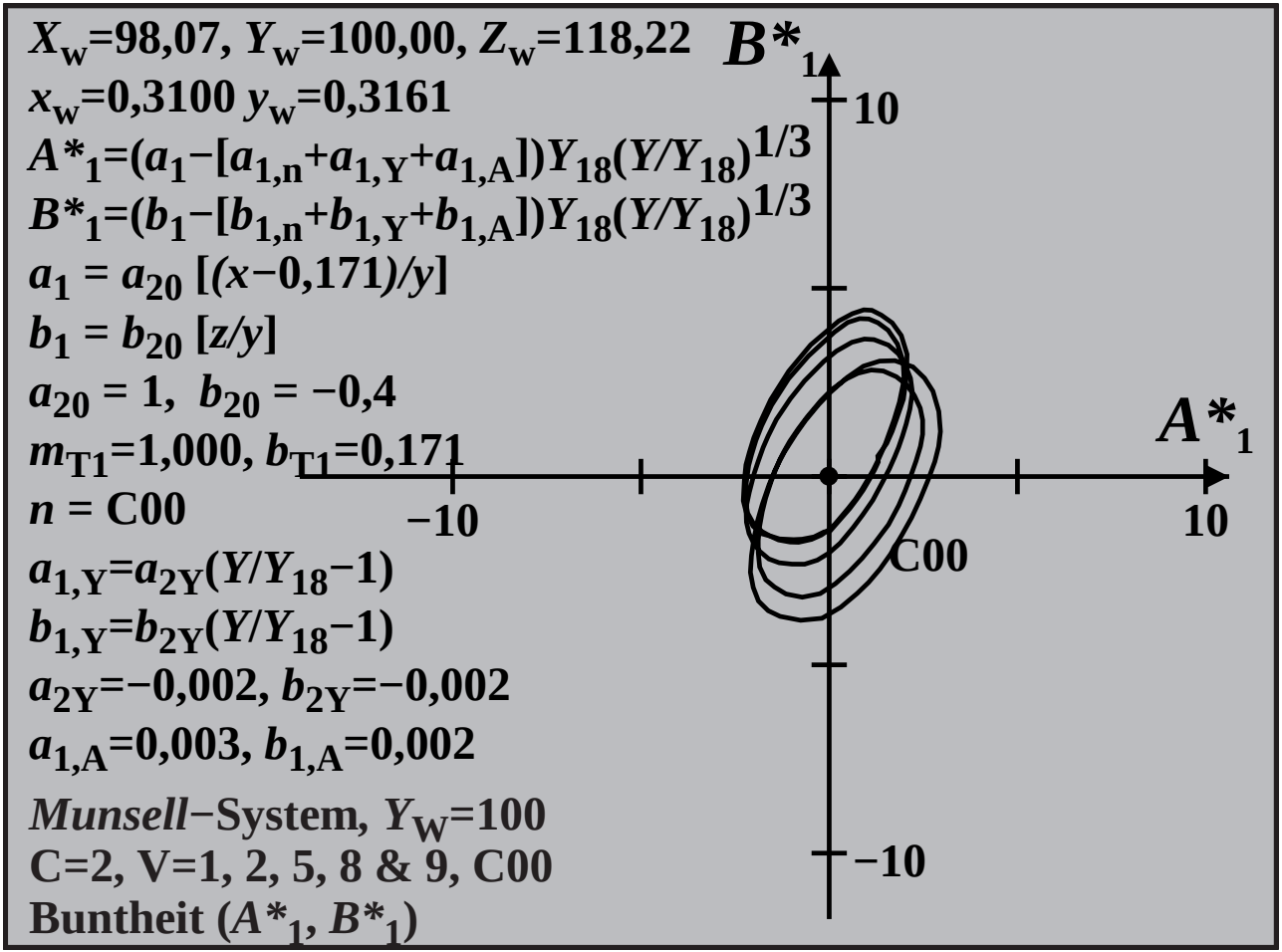
$a_{0,A}=0{,}003,\ b_{0,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, C00

Buntheit (A^*_0, B^*_0)

CG151−2A_1


X_W=98,07, Y_W=100,00, Z_W=118,22
x_W=0,3100 y_W=0,3161
$A^*_1=(a_1-[a_{1,n}+a_{1,Y}+a_{1,A}])Y_{18}(Y/Y_{18})^{1/3}$
$B^*_1=(b_1-[b_{1,n}+b_{1,Y}+b_{1,A}])Y_{18}(Y/Y_{18})^{1/3}$
$a_1 = a_{20}\,[(x-0{,}171)/y]$
$b_1 = b_{20}\,[z/y]$
a_{20} = 1, b_{20} = −0,4
m_{T1}=1,000, b_{T1}=0,171
n = C00
$a_{1,Y}=a_{2Y}(Y/Y_{18}-1)$
$b_{1,Y}=b_{2Y}(Y/Y_{18}-1)$
a_{2Y}=−0,002, b_{2Y}=−0,002
$a_{1,A}$=0,003, $b_{1,A}$=0,002
Munsell−System, Y_W=100
C=2, V=1, 2, 5, 8 & 9, C00
Buntheit (A^*_1, B^*_1)
B^*_1
10
−10
A^*_1
−10
10
C00

CG151−3A_1

X_W=98,07, Y_W=100,00, Z_W=118,22

x_w=0,3100 y_w=0,3161

$A^*_2=(a_2-[a_{2,n}+a_{2,Y}+a_{2,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_2=(b_2-[b_{2,n}+b_{2,Y}+b_{2,A}])Y_{18}(Y/Y_{18})^{1/3}$

$a_2 = a_{20}\,[(x-0{,}171)/y]$

$b_2=b_{20}\,[(m_{P1}x+b_{P1})/y]$

a_{20} = 1, b_{20} = −0,4

m_{P1}=−0,169, b_{P1}=0,389

n = C00

$a_{2,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{2,Y}=b_{2Y}(Y/Y_{18}-1)$

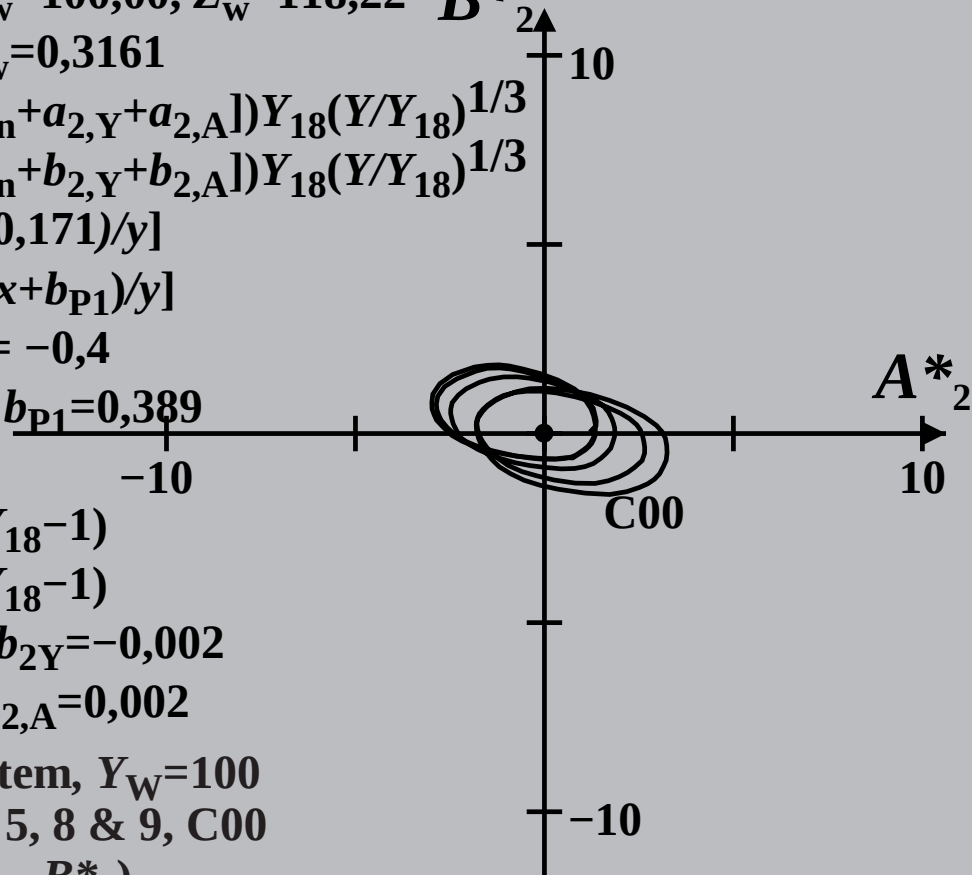
a_{2Y}=−0,002, b_{2Y}=−0,002

$a_{2,A}$=0,003, $b_{2,A}$=0,002

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, C00

Buntheit (A^*_2, B^*_2)



CG151−4A_1

X_W=98,07, Y_W=100,00, Z_W=118,22

x_W=0,3100 y_W=0,3161

$A^*_3=(a_3-[a_{3,n}+a_{3,Y}+a_{3,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_3=(b_3-[b_{3,n}+b_{3,Y}+b_{3,A}])Y_{18}(Y/Y_{18})^{1/3}$

$a_3 = a_{20}\,[(x-0{,}171)/y]$

$b_3=b_{20}\,[(m_{D1}x+b_{D1})/y]$

a_{20} = 1, b_{20} = −0,4

m_{D1}=−0,974, b_{D1}=0,658

n = C00

$a_{3,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{3,Y}=b_{2Y}(Y/Y_{18}-1)$

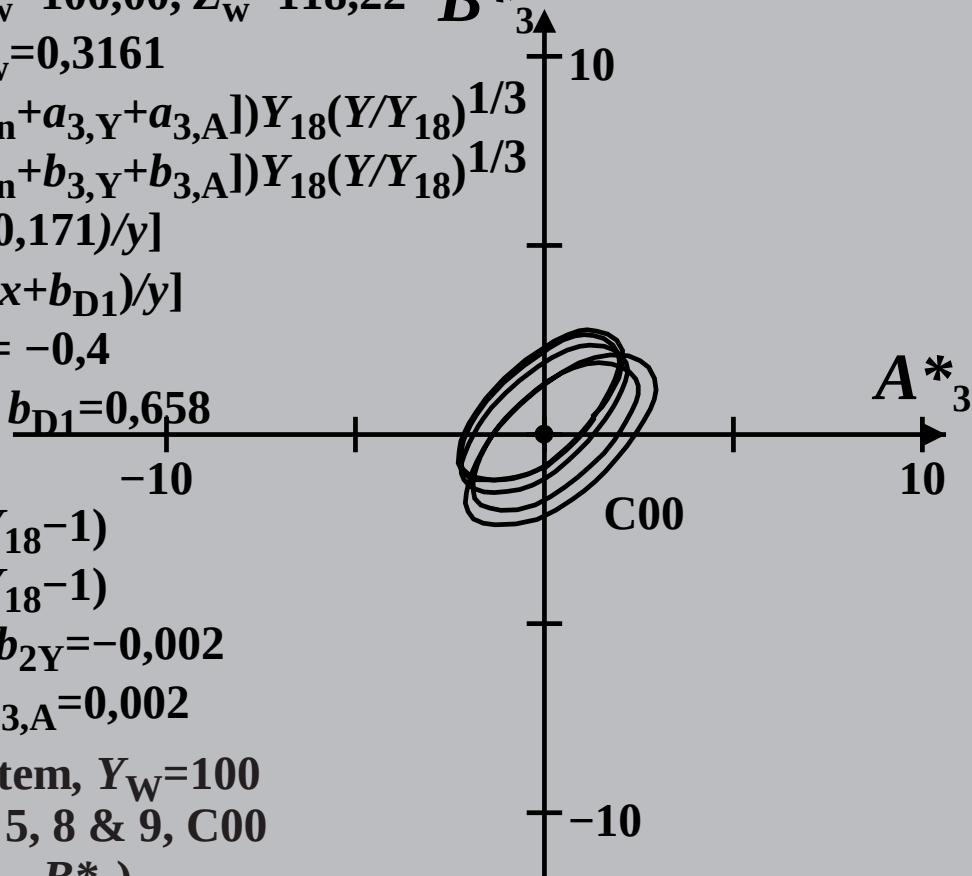
a_{2Y}=−0,002, b_{2Y}=−0,002

$a_{3,A}$=0,003, $b_{3,A}$=0,002

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, C00

Buntheit (A^*_3, B^*_3)



CG151−5A_1

X_W=98,07, Y_W=100,00, Z_W=118,22

x_W=0,3100 y_W=0,3161

$A^*_4=(a_4-[a_{4,n}+a_{4,Y}+a_{4,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_4=(b_4-[b_{4,n}+b_{4,Y}+b_{4,A}])Y_{18}(Y/Y_{18})^{1/3}$

$a_4 = a_{20}\,[(x-0{,}171)/y]$

$b_4=b_{20}\,[(m_{P1}x+b_{P1})/y]$

a_{20} = 1, b_{20} = −0,4

m_{P1}=−0,169, b_{P1}=0,389

n = C00

$a_{4,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{4,Y}=b_{2Y}(Y/Y_{18}-1)$

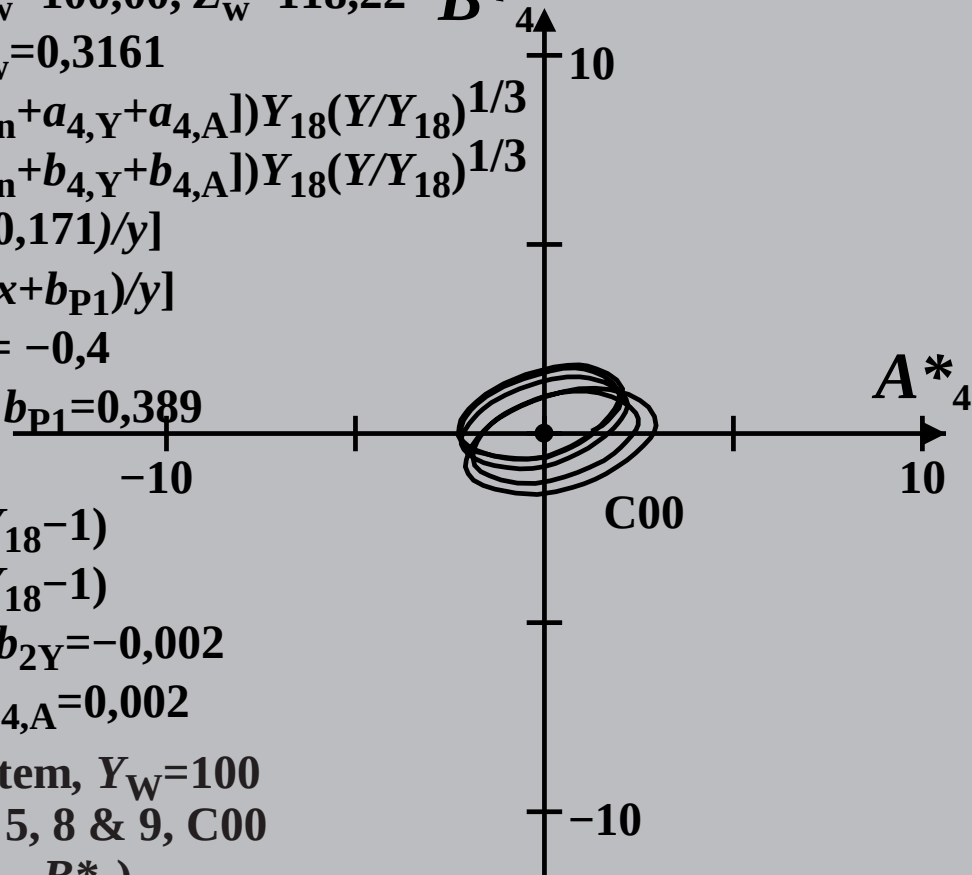
a_{2Y}=−0,002, b_{2Y}=−0,002

$a_{4,A}$=0,003, $b_{4,A}$=0,002

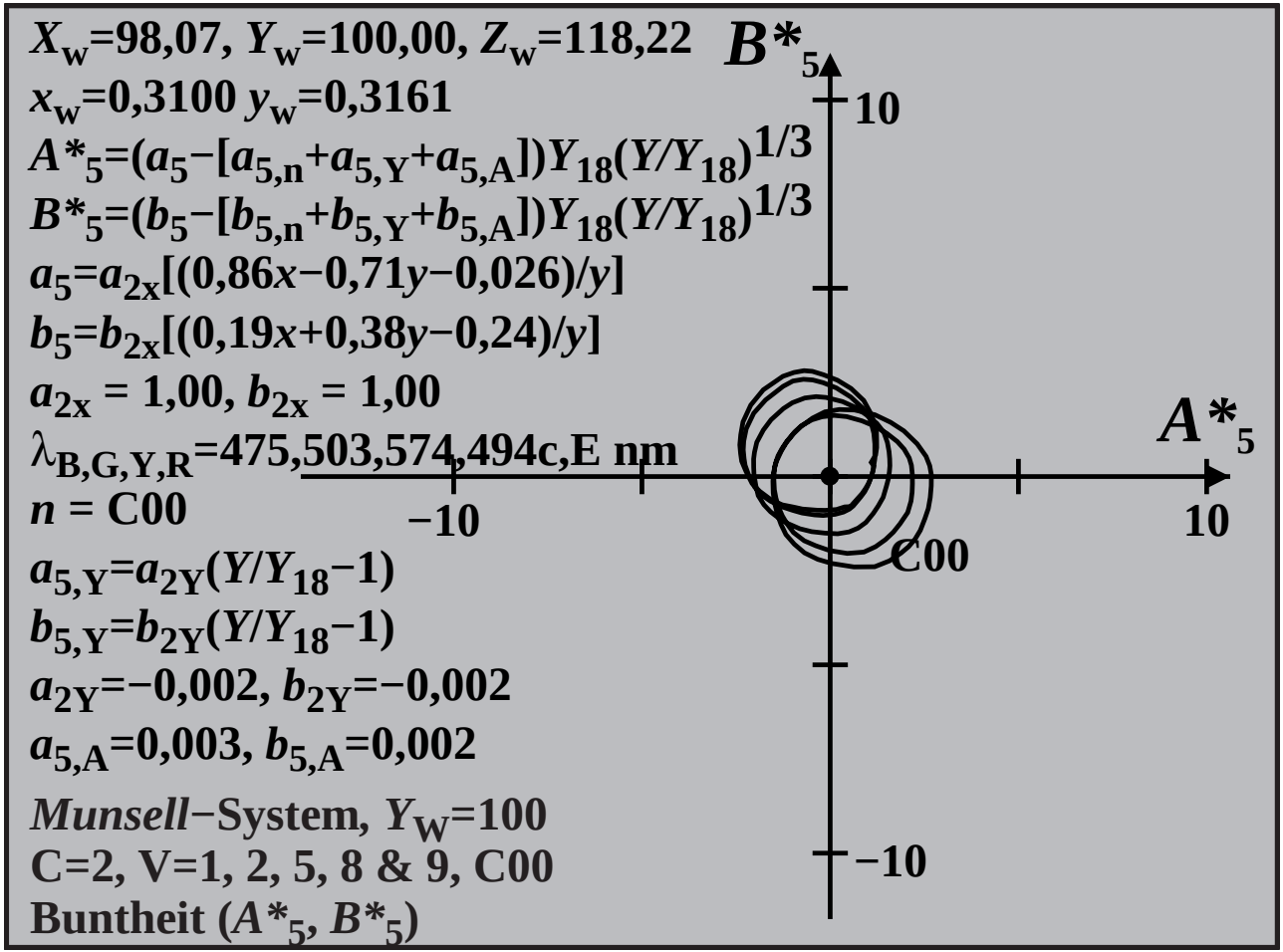
Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, C00

Buntheit (A^*_4, B^*_4)



CG151−6A_1


X_W=98,07, Y_W=100,00, Z_W=118,22
x_W=0,3100 y_W=0,3161
$A^*_5=(a_5-[a_{5,n}+a_{5,Y}+a_{5,A}])Y_{18}(Y/Y_{18})^{1/3}$
$B^*_5=(b_5-[b_{5,n}+b_{5,Y}+b_{5,A}])Y_{18}(Y/Y_{18})^{1/3}$
$a_5=a_{2x}[(0,86x-0,71y-0,026)/y]$
$b_5=b_{2x}[(0,19x+0,38y-0,24)/y]$
a_{2x} = 1,00, b_{2x} = 1,00
$\lambda_{B,G,Y,R}$=475,503,574,494c,E nm
n = C00
$a_{5,Y}=a_{2Y}(Y/Y_{18}-1)$
$b_{5,Y}=b_{2Y}(Y/Y_{18}-1)$
a_{2Y}=−0,002, b_{2Y}=−0,002
$a_{5,A}$=0,003, $b_{5,A}$=0,002
Munsell−System, Y_W=100
C=2, V=1, 2, 5, 8 & 9, C00
Buntheit (A^*_5, B^*_5)
B^*_5
10
−10
A^*_5
−10
10
C00

CG151−7A_1

X_W=98,07, Y_W=100,00, Z_W=118,22

x_W=0,3100 y_W=0,3161

$A^*_6=(a_6-[a_{6,n}+a_{6,Y}+a_{6,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_6=(b_6-[b_{6,n}+b_{6,Y}+b_{6,A}])Y_{18}(Y/Y_{18})^{1/3}$

$a_6 = a_{20}\,[x/y]$

$b_6=b_{20}\,[(m_{D1}x+b_{D1})/y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$m_{D1}=-0{,}974,\ b_{D1}=0{,}658$

n = C00

$a_{6,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{6,Y}=b_{2Y}(Y/Y_{18}-1)$

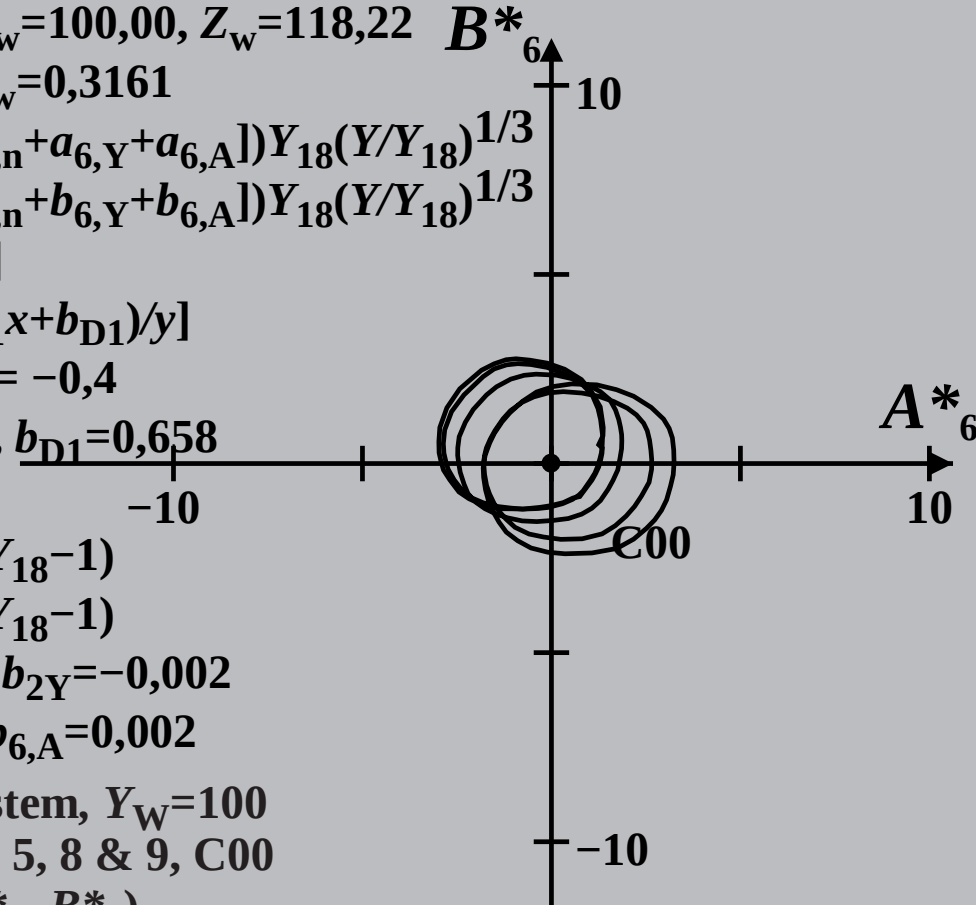
$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

$a_{6,A}=0{,}003,\ b_{6,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, C00

Buntheit (A^*_6, B^*_6)



CG151−8A_1