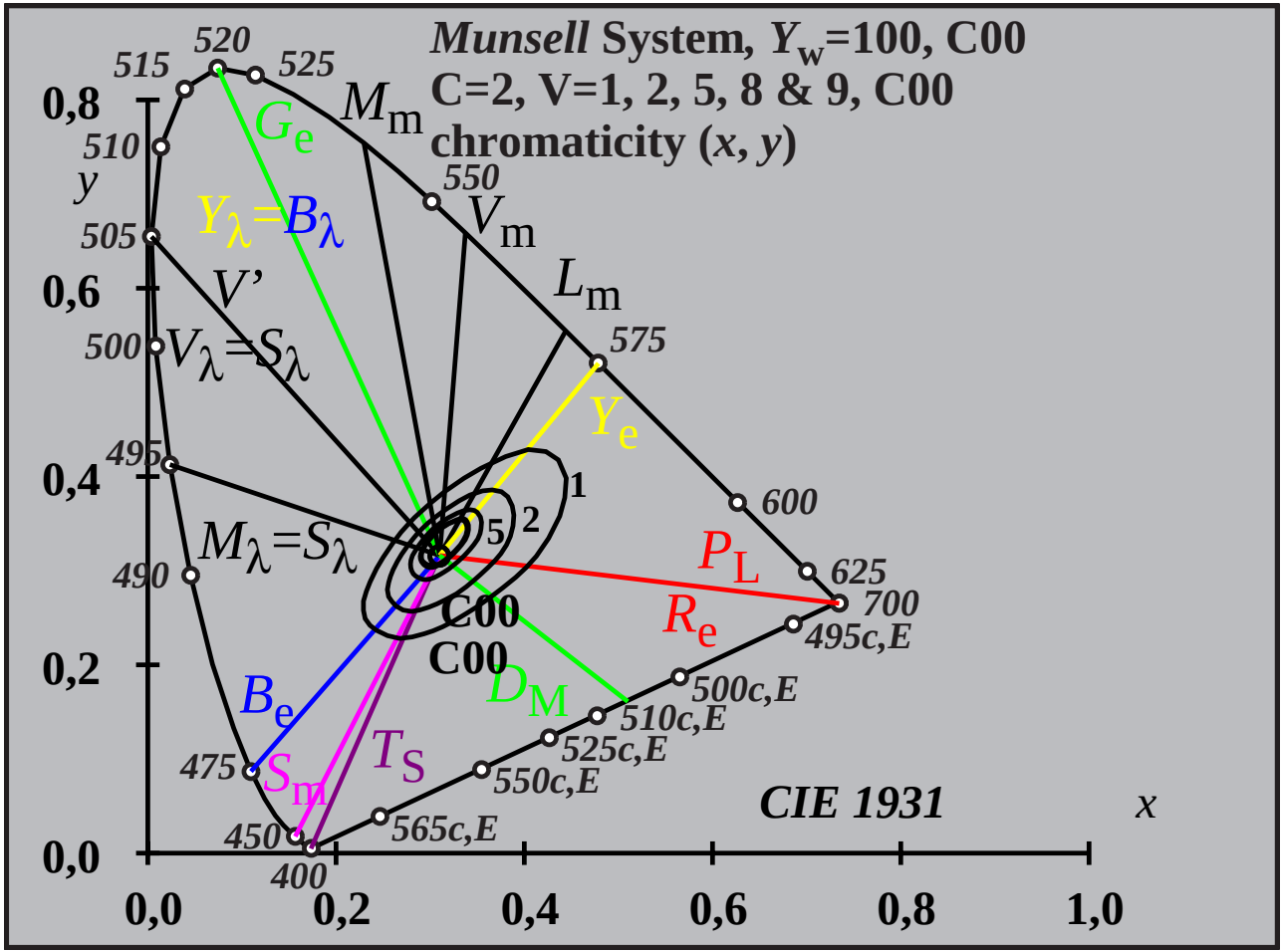

Munsell System, Y_w=100, C00
C=2, V=1, 2, 5, 8 & 9, C00
chromaticity (x, y)
CIE 1931
x
y
0,0
0,2
0,4
0,6
0,8
1,0
515
520
525
510
505
500
495
490
475
450
400
550
575
600
625
700
495c,E
500c,E
510c,E
525c,E
550c,E
565c,E
M_m
G_e
Y_λ=B_λ
V_m
L_m
V'
V_λ=S_λ
Y_e
M_λ=S_λ
P_L
R_e
C00
C00
B_e
D_M
S_m
T_S
1
2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

CE111−1A_1

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

x_W=0,3100 y_W=0,3161

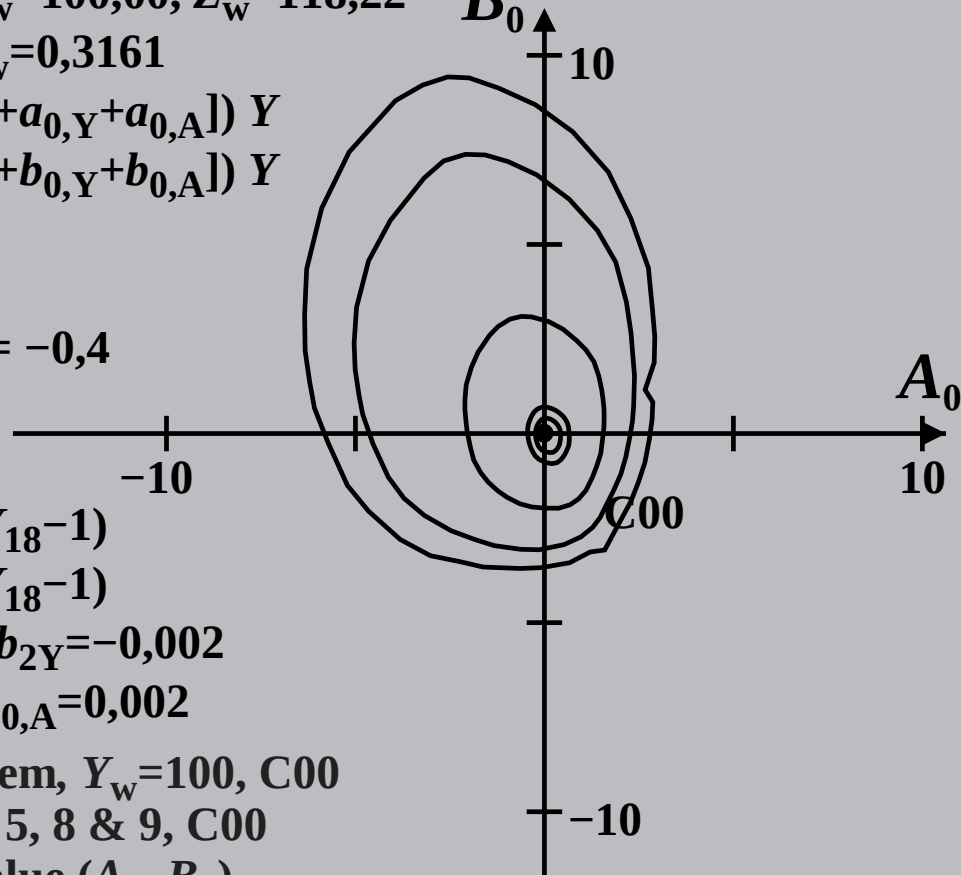
$A_0=(a_0-[a_{0,n}+a_{0,Y}+a_{0,A}])\ Y$

$B_0=(b_0-[b_{0,n}+b_{0,Y}+b_{0,A}])\ Y$

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

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

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



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, C00

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

chromatic value (A_0, B_0)

X_w=98,07, Y_w=100,00, Z_w=118,22

x_w=0,3100 y_w=0,3161

$A_1=(a_1-[a_{1,n}+a_{1,Y}+a_{1,A}])\ Y$

$B_1=(b_1-[b_{1,n}+b_{1,Y}+b_{1,A}])\ Y$

$a_1 = a_{20}\ [(x-0{,}171)/y]$

$b_1 = b_{20}\ [z/y]$

a_{20} = 1, b_{20} = −0,4

m_{T1}=1,000, b_{T1}=0,171

n = C00

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

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

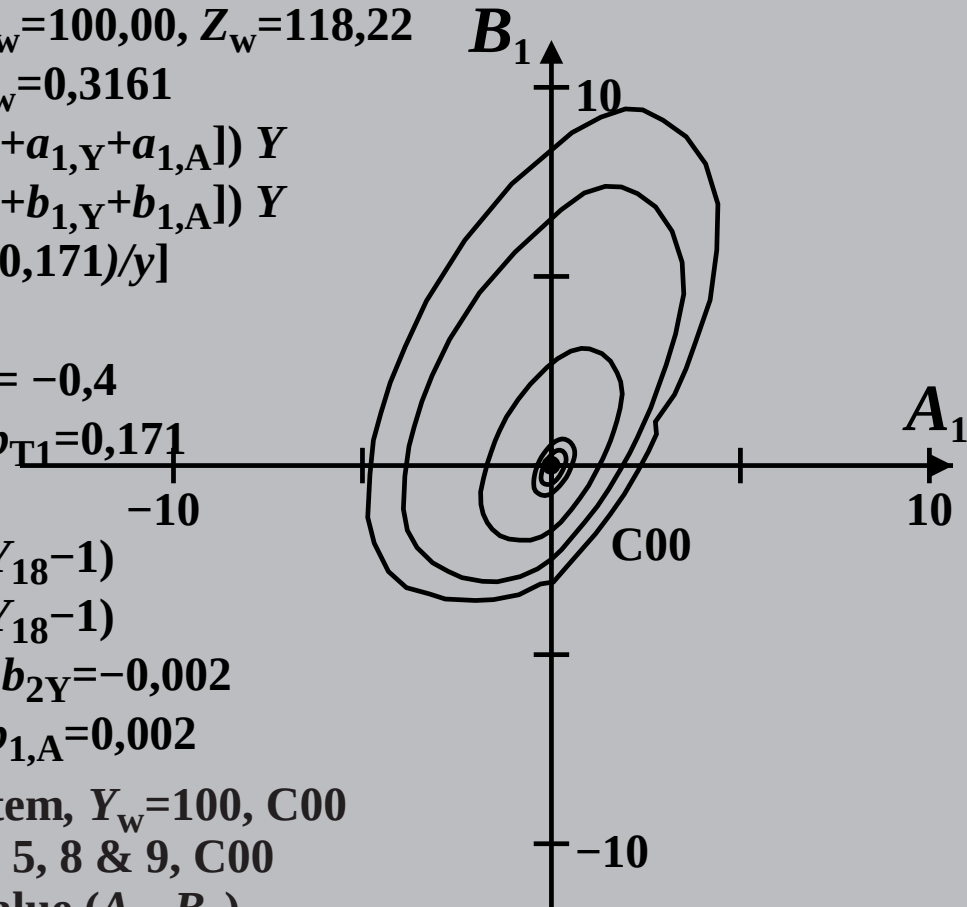
a_{2Y}=−0,002, b_{2Y}=−0,002

$a_{1,A}$=0,003, $b_{1,A}$=0,002

Munsell System, Y_w=100, C00

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

chromatic value (A_1, B_1)



CE111−3A_1

X_w=98,07, Y_w=100,00, Z_w=118,22

x_w=0,3100 y_w=0,3161

$A_2=(a_2-[a_{2,n}+a_{2,Y}+a_{2,A}])\ Y$

$B_2=(b_2-[b_{2,n}+b_{2,Y}+b_{2,A}])\ Y$

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

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

a_{20} = 1, b_{20} = −0,4

m_{P1}=−0,169, b_{P1}=0,389

n = C00

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

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

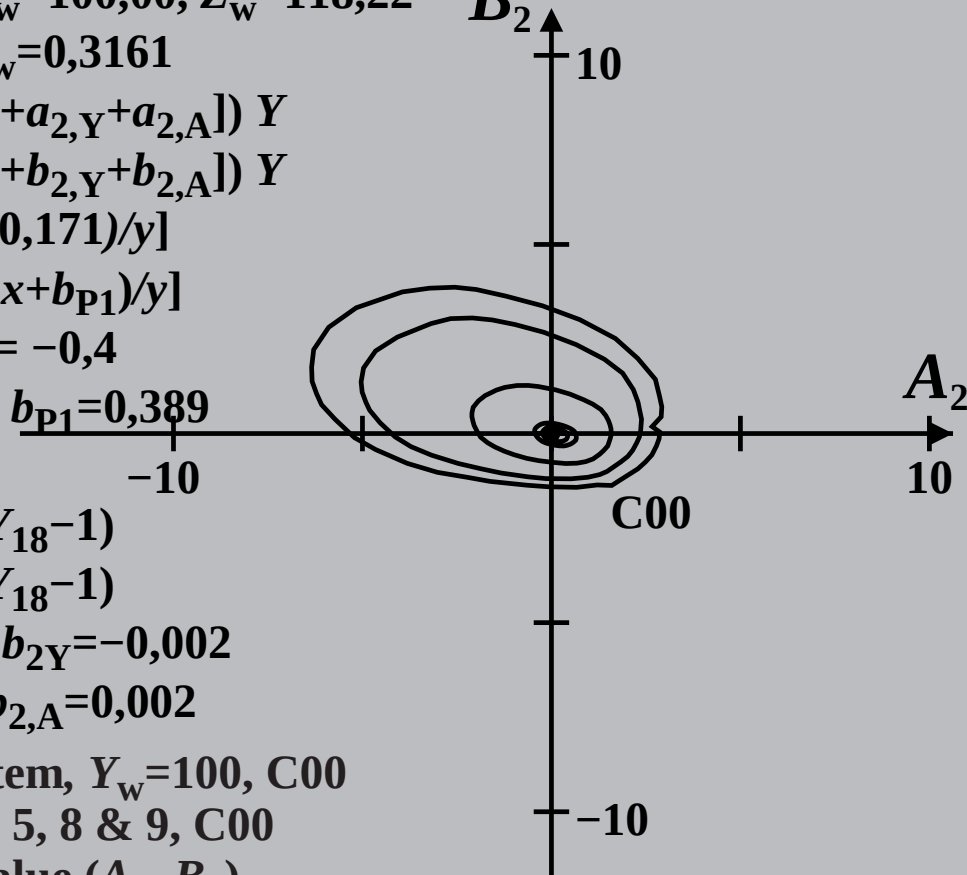
a_{2Y}=−0,002, b_{2Y}=−0,002

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

Munsell System, Y_w=100, C00

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

chromatic value (A_2, B_2)



CE111−4A_1

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

x_W=0,3100 y_W=0,3161

$A_3=(a_3-[a_{3,n}+a_{3,Y}+a_{3,A}])\ Y$

$B_3=(b_3-[b_{3,n}+b_{3,Y}+b_{3,A}])\ Y$

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

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

a_{20} = 1, b_{20} = −0,4

m_{D1}=−0,974, b_{D1}=0,658

n = C00

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

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

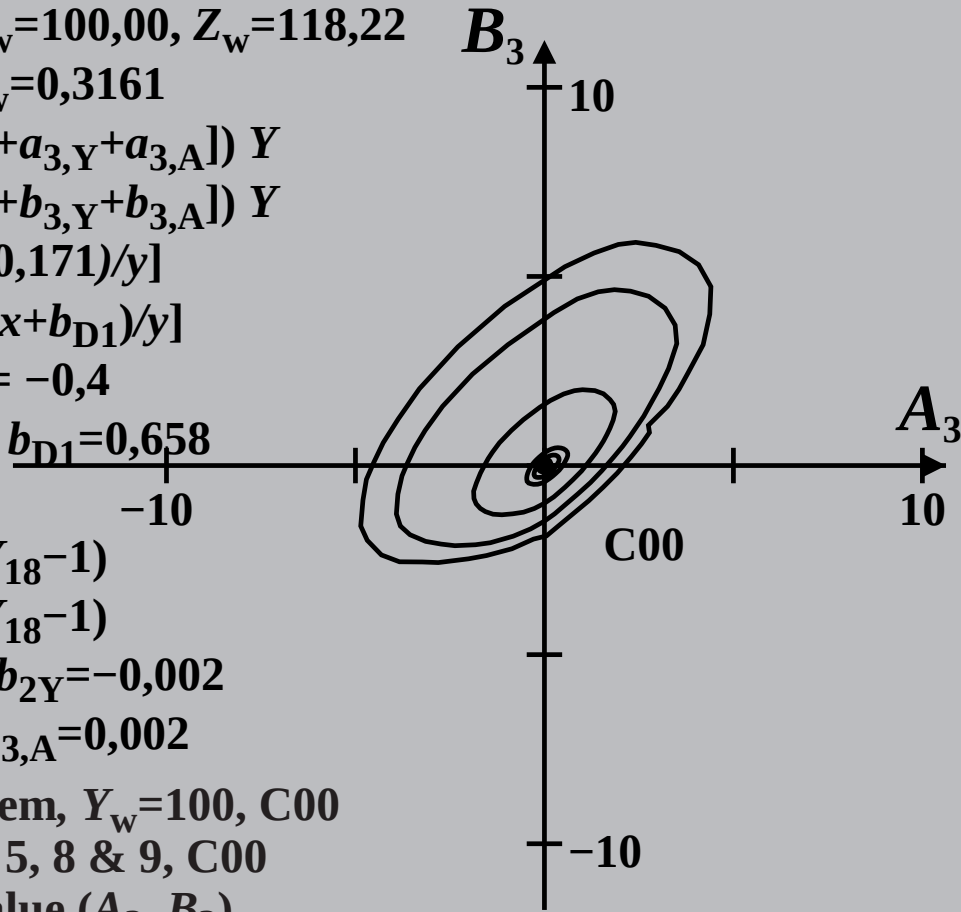
a_{2Y}=−0,002, b_{2Y}=−0,002

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

Munsell System, Y_W=100, C00

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

chromatic value (A_3, B_3)



CE111−5A_1

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

x_W=0,3100 y_W=0,3161

$A_4=(a_4-[a_{4,n}+a_{4,Y}+a_{4,A}])\ Y$

$B_4=(b_4-[b_{4,n}+b_{4,Y}+b_{4,A}])\ Y$

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

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

a_{20} = 1, b_{20} = −0,4

m_{P1}=−0,169, b_{P1}=0,389

n = C00

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

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

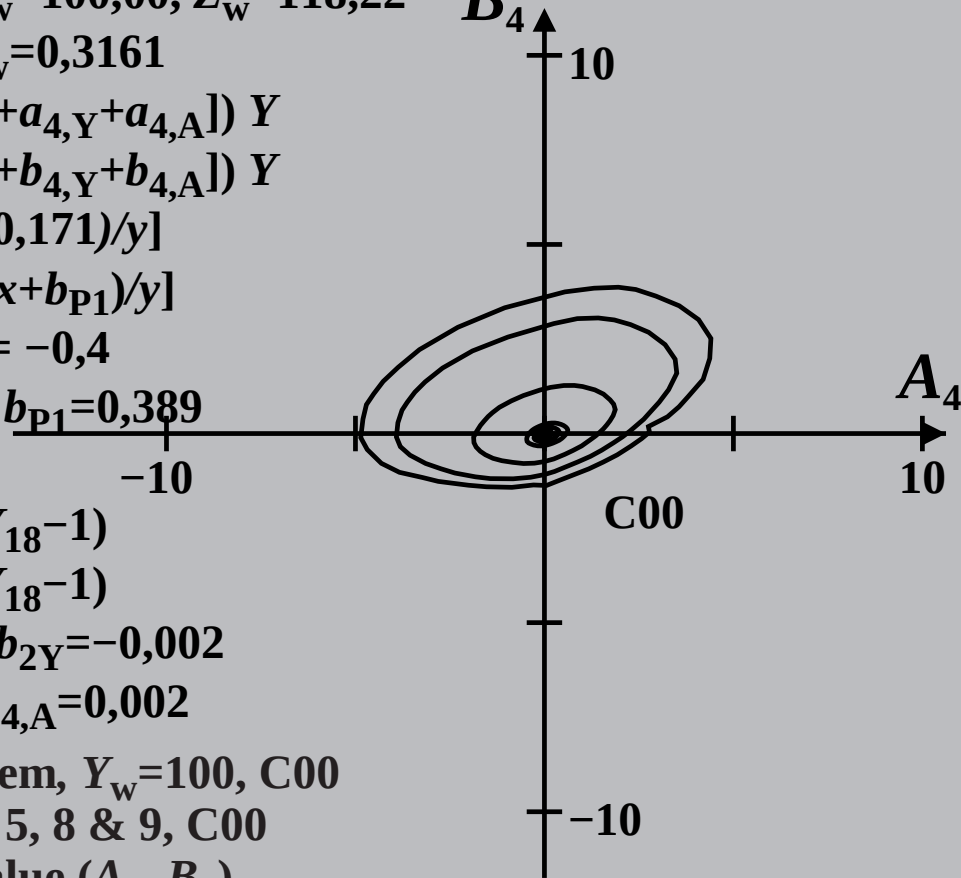
a_{2Y}=−0,002, b_{2Y}=−0,002

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

Munsell System, Y_W=100, C00

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

chromatic value (A_4, B_4)



CE111−6A_1

X_w=98,07, Y_w=100,00, Z_w=118,22

x_w=0,3100 y_w=0,3161

$A_5=(a_5-[a_{5,n}+a_{5,Y}+a_{5,A}])\ Y$

$B_5=(b_5-[b_{5,n}+b_{5,Y}+b_{5,A}])\ Y$

$a_5=a_{2x}[(0{,}86x-0{,}71y-0{,}026)/y]$

$b_5=b_{2x}[(0{,}19x+0{,}38y-0{,}240)/y]$

a_{2x} = 1,00, b_{2x} = 1,00

$\lambda_{B,G,Y,R}$=475,503,574,494c,E nm

n = C00

$a_{5,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{5,Y}=b_{2Y}(Y/Y_{18}-1)$

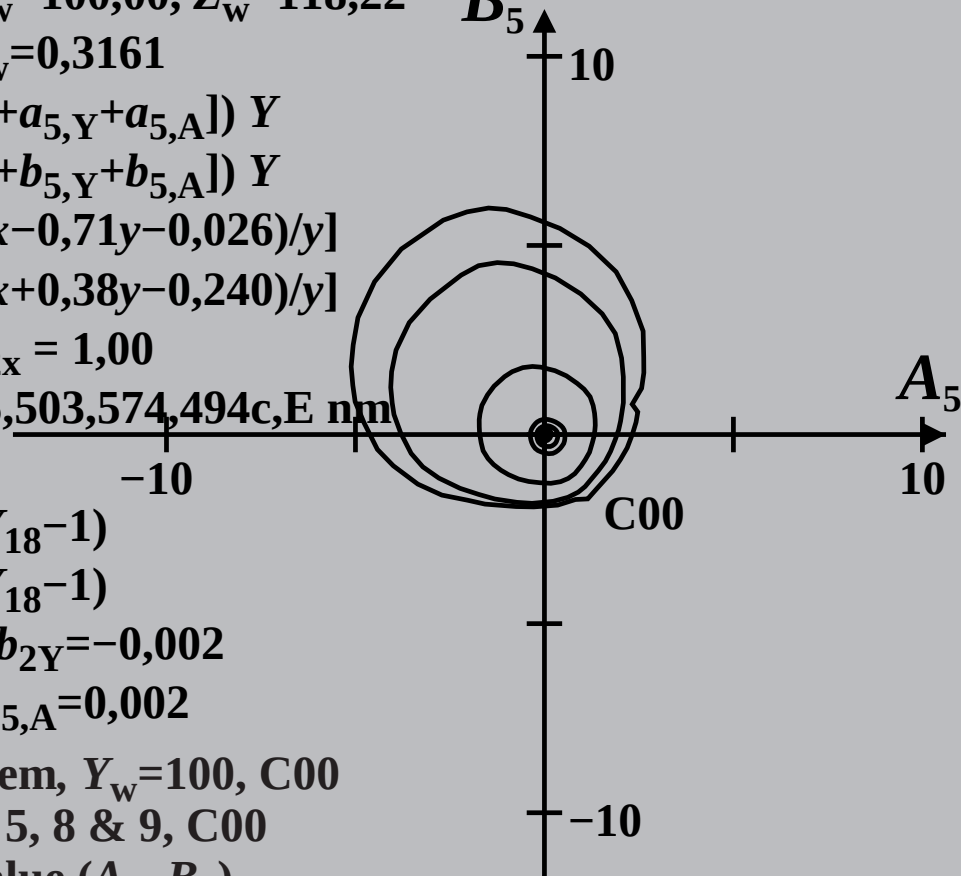
a_{2Y}=−0,002, b_{2Y}=−0,002

$a_{5,A}$=0,003, $b_{5,A}$=0,002

Munsell System, Y_w=100, C00

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

chromatic value (A_5, B_5)



CE111−7A_1

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

x_W=0,3100 y_W=0,3161

$A_6=(a_6-[a_{6,n}+a_{6,Y}+a_{6,A}])\ Y$

$B_6=(b_6-[b_{6,n}+b_{6,Y}+b_{6,A}])\ Y$

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

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

a_{20} = 1, b_{20} = −0,4

n = C00

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

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

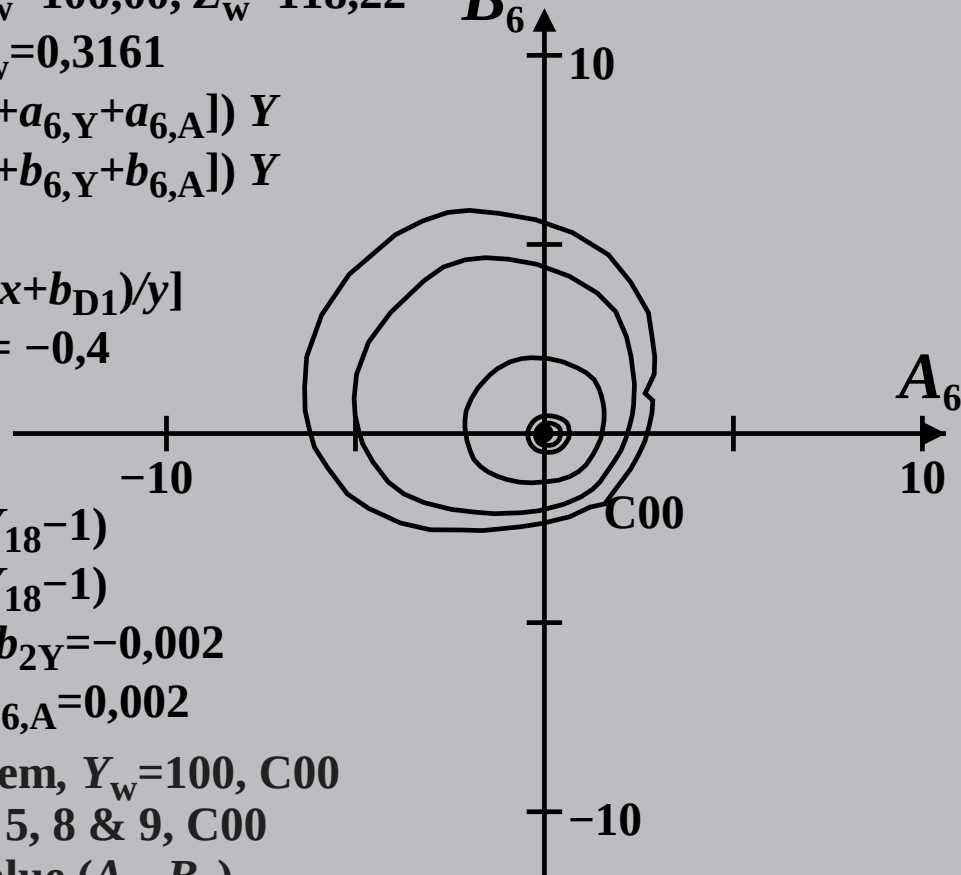
a_{2Y}=−0,002, b_{2Y}=−0,002

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

Munsell System, Y_W=100, C00

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

chromatic value (A_6, B_6)



CE111−8A_1