TUBJND data of *Ostwald* colours, illuminant A00 with x_c=0,11, B_c=2,5

Y, Y_3

$Y_{max} = 77$

$C_{AB,3} = 2,5 [c_{ab,3}] Y_3$
= constant = 60
= smoothed data
Δa = 10

$C_{AB,2} = 2,5 [c_{ab,2}] Y$
= nearly constant
Δa = variable

$C_{AB,3} = 2,5 [c_{ab,3}] Y_3$

$Y = 45$
= $(Y_{max} - Y_{min})$

$Y_{min} = 13$
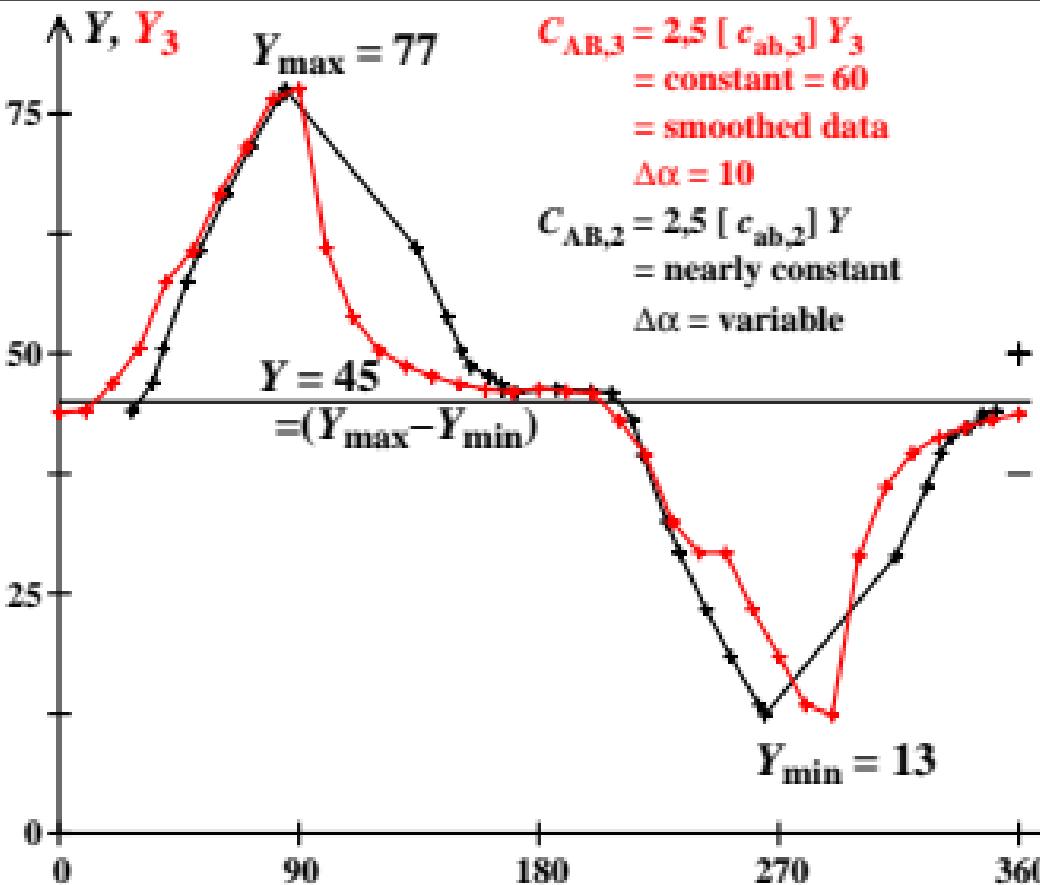
XYZ_W=98,8. 89,9. 32,0
A_2=2,5 $(a_2 - a_{2,n})$ Y
B_2=2,5 B_c $(b_2 - b_{2,n})$ Y
a_2=a_{20} [$(x - x_c) / y$]
b_2=b_{20} [z / y]
a_{20}=1, b_{20}=0,4
x_c=0,11, B_c=0,8
n=D65
$C_{AB,2}$=[$A_2^2 + B_2^2$]$^{1/2}$
$h_{AB,2}$=atan [B_2 / A_2]
$c_{ab,2}$=[$(a_2 - a_{2,n})^2$
$+ (b_2 - b_{2,n})^2$]$^{1/2}$
$h_{ab,2}$=atan [$(b_2 - b_{2,n})$
/ $(a_2 - a_{2,n})$]
$\alpha = h_{AB,2} = h_{AB,3}$

eei11-5n