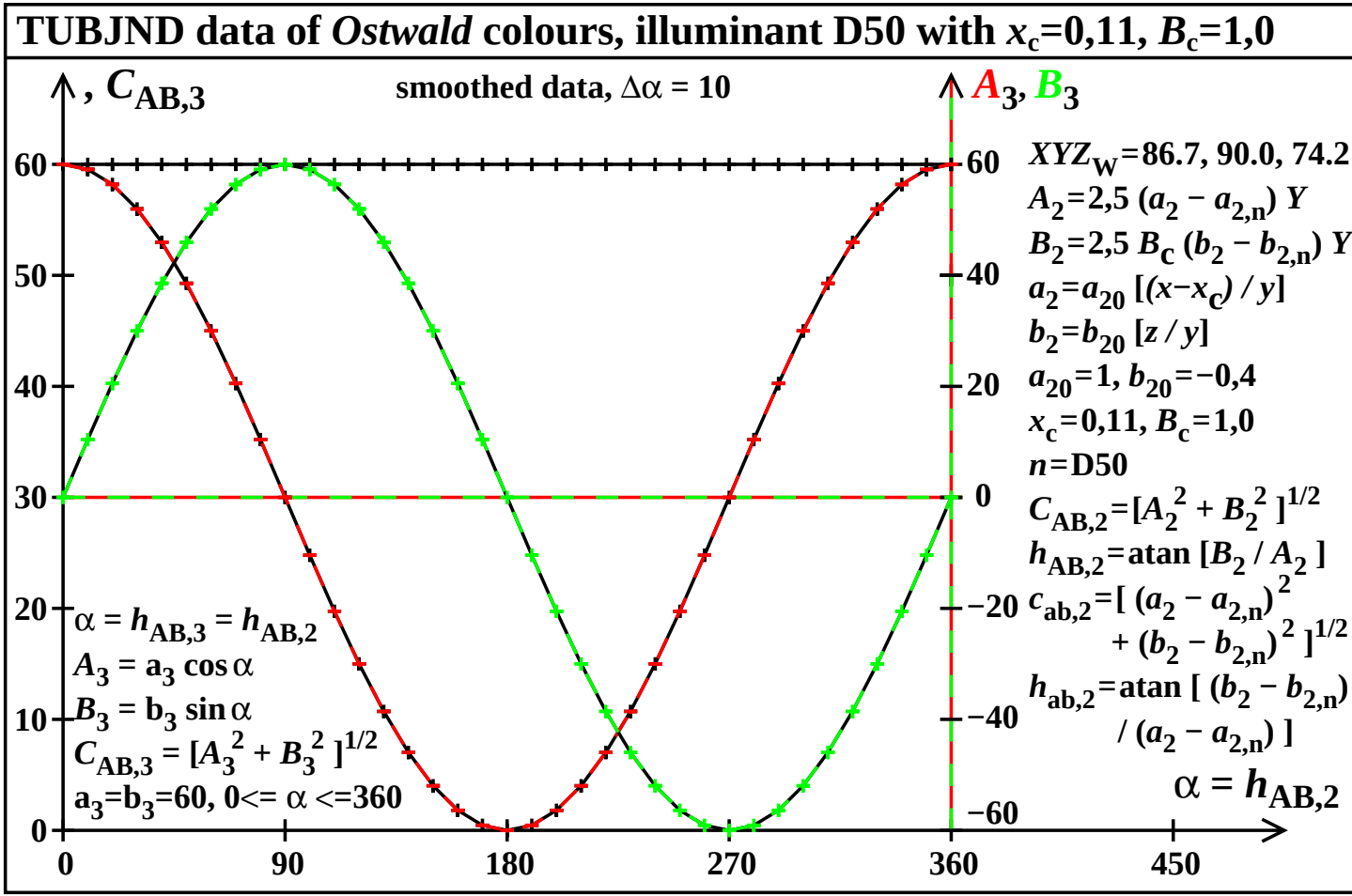
TUBJND data of Ostwald colours, illuminant D50 with xc=0,11, Bc=1,0
, CAB,3
smoothed data, Δα = 10
A3, B3
XYZW=86.7, 90.0, 74.2
A2=2,5 (a2 − a2,n) Y
B2=2,5 Bc (b2 − b2,n) Y
a2=a20 [(x−xc) / y]
b2=b20 [z / y]
a20=1, b20=−0,4
xc=0,11, Bc=1,0
n=D50
CAB,2=[A2 2 + B2 2]1/2
hAB,2=atan [B2 / A2]
cab,2=[(a2 − a2,n) 2 + (b2 − b2,n) 2]1/2
hab,2=atan [(b2 − b2,n) / (a2 − a2,n)]
α = hAB,2
α = hAB,3 = hAB,2
A3 = a3 cos α
B3 = b3 sin α
CAB,3 = [A3 2 + B3 2]1/2
a3=b3=60, 0<= α <=360
60
50
40
30
20
10
0
60
40
20
0
−20
−40
−60
0
90
180
270
360
450

eeg91−7n