

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG80_HRS16_96_D65_00%_O0 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

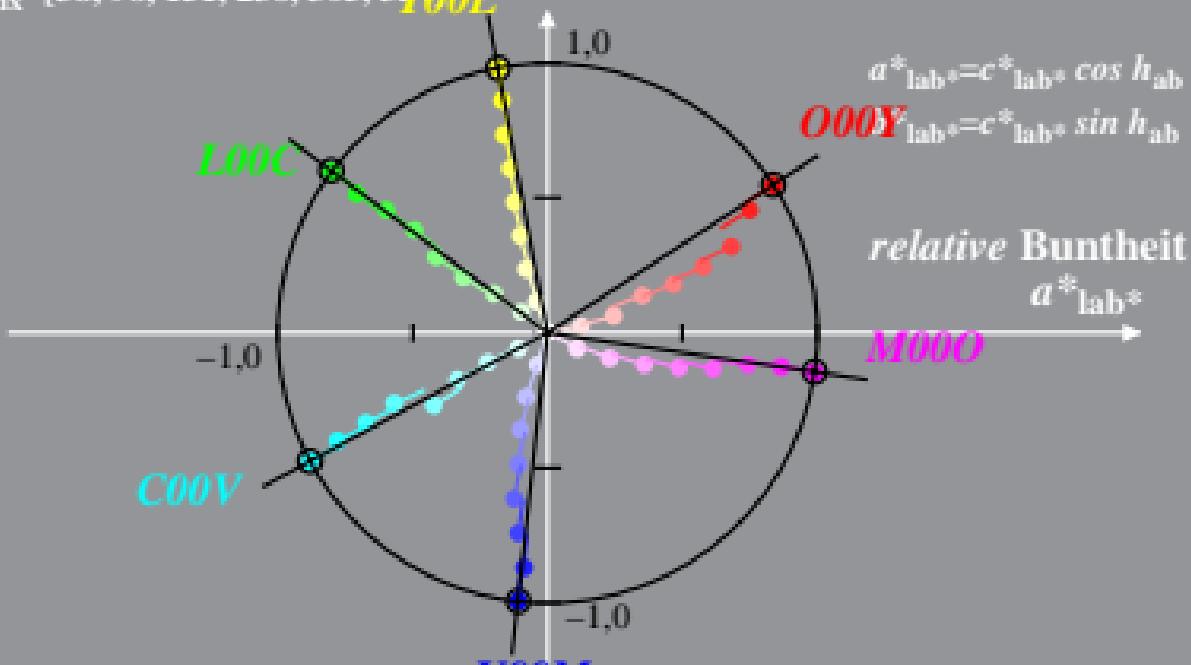
$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

$$h_{ab,dx} = [38, 96, 151, 236, 305, 354]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe

Y00L



$$a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

$$000Y_{lab*} = c^*_{lab*} \sin h_{ab}$$

relative Buntheit

$$a^*_{lab*}$$

M000

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG80_HRS16_96_D65_00%_O1 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

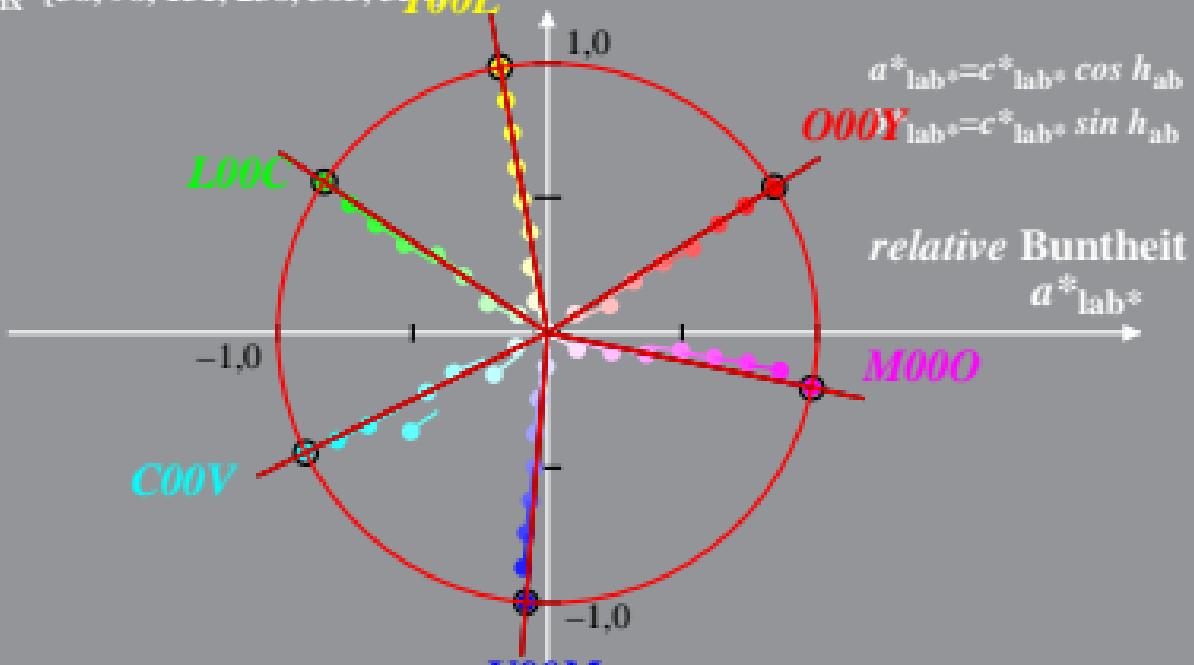
$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

$$h_{ab,dx} = [38, 96, 151, 236, 305, 354]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe

$Y00L$



Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG80_HRS16_96_D65_25%_O0 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

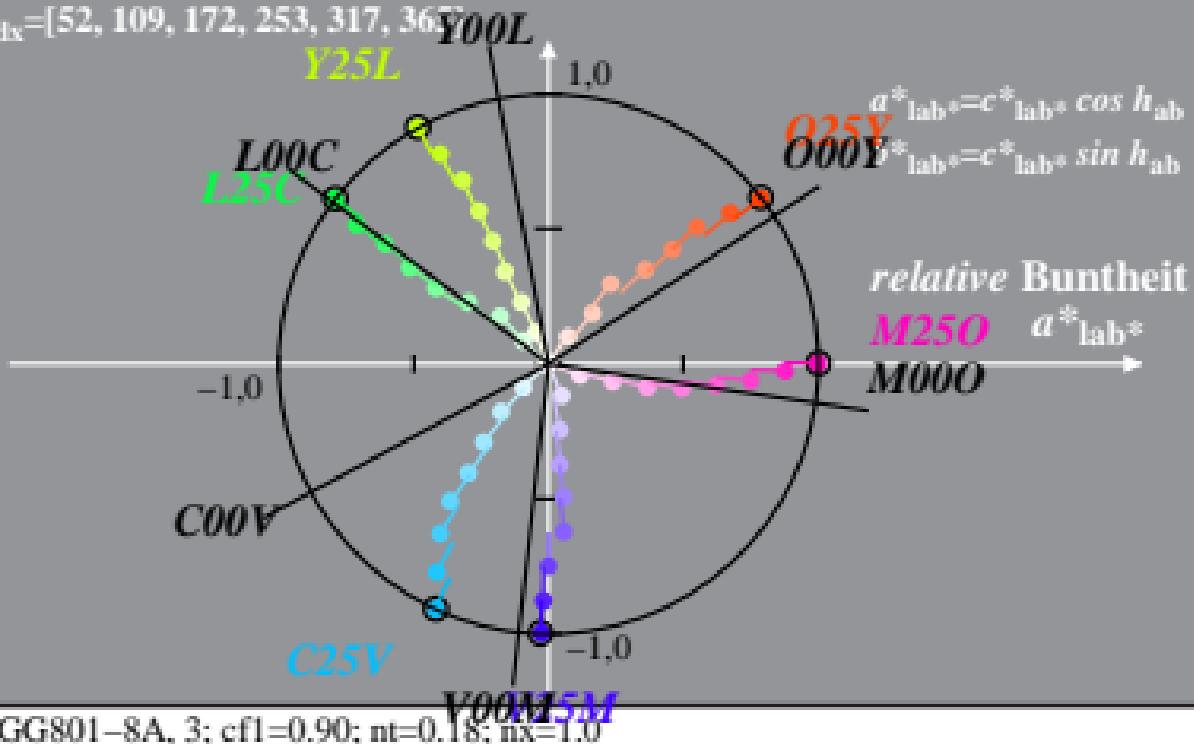
$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

$$h_{ab,dx} = [52, 109, 172, 253, 317, 367]$$

$$b^*_{lab*}$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M =Maximalfarbe



Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG80_HRS16_96_D65_25%_O1 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

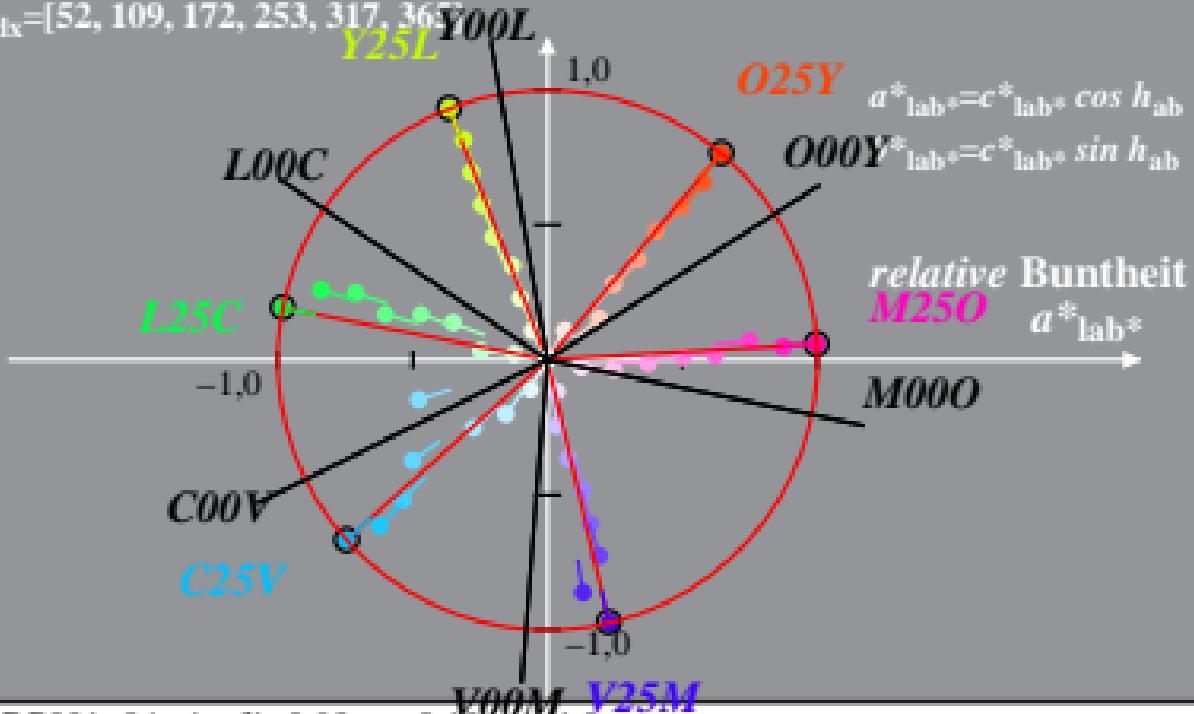
CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

$$h_{ab,dx} = [52, 109, 172, 253, 317, 367]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe



GG801-SA, 4; cfl=0.90; nt=0.18; nx=1.0

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG80_HRS16_96_D65_50%_O0 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

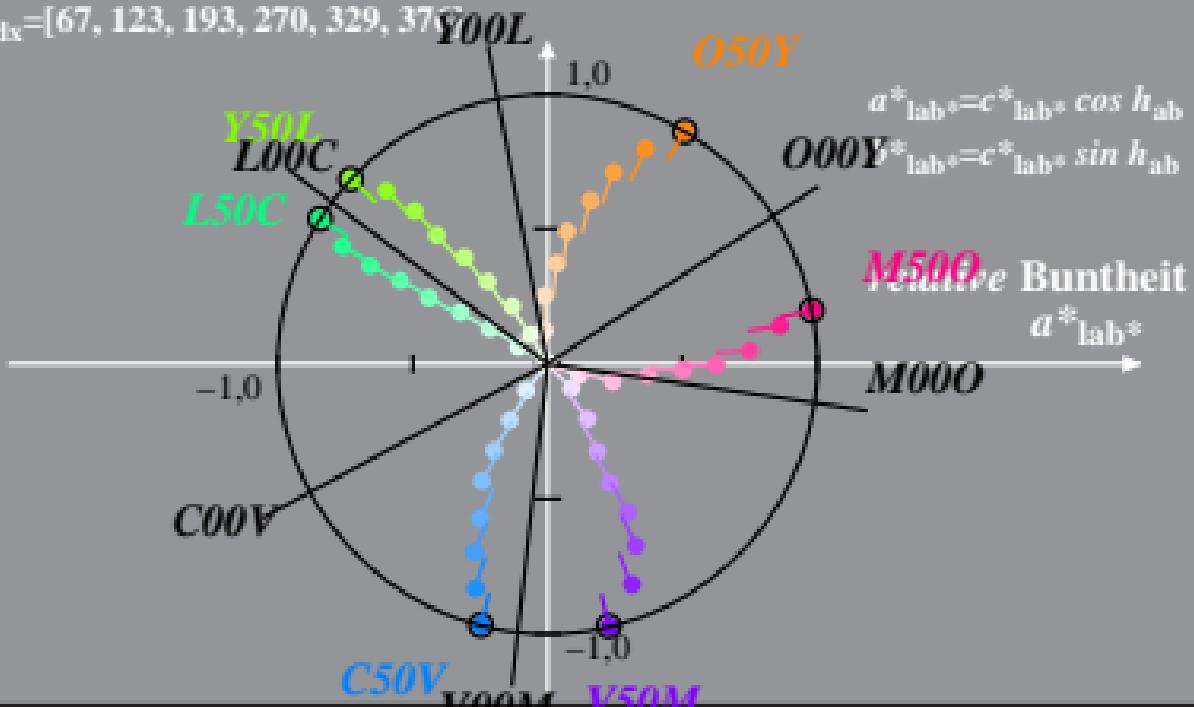
CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

$$h_{ab,dx} = [67, 123, 193, 270, 329, 377]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe



GG801-SA, 5; cfl=0.90; nt=0.18; nx=1.0

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG80_HRS16_96_D65_50%_O1 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

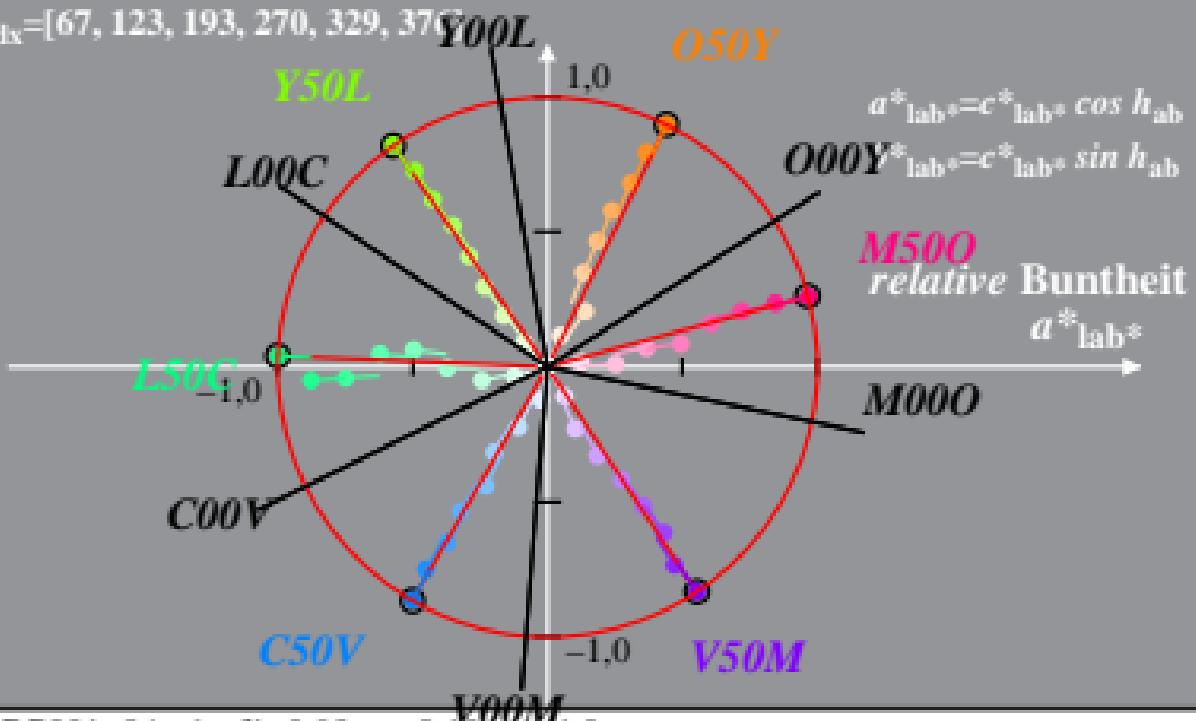
CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

$$h_{ab,dx} = [67, 123, 193, 270, 329, 370]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe



$$a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

$$O00Y^*_{lab*} = c^*_{lab*} \sin h_{ab}$$

M50O
relative Buntheit

$$a^*_{lab*}$$

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG80_HRS16_96_D65_75%_O0 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

$$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe

$Y00L$ $O75Y$

$Y75C$

$L75C$

$O00Y$
 $*_{lab*} = c^*_{lab*} \sin h_{ab}$

$M75O$

relative Buntheit

$$a^*_{lab*}$$

$M000$

$C00V$

$V75M$

$C75V$

$V00M$

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
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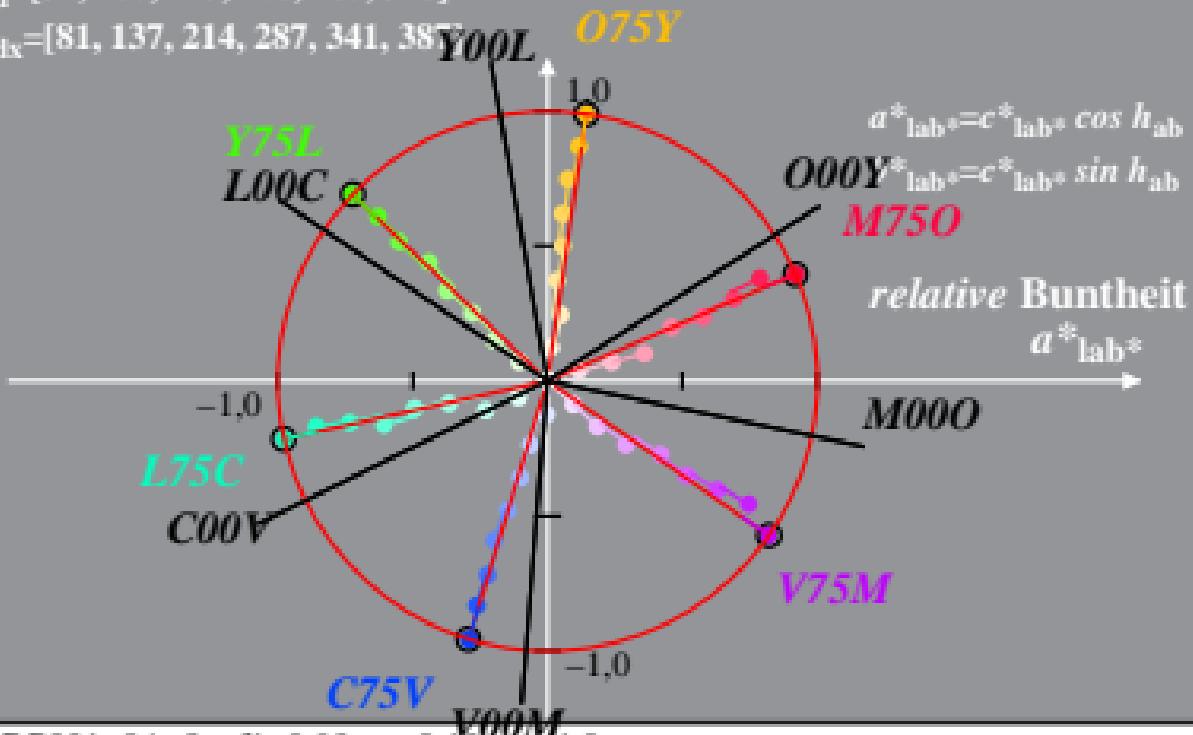
CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

$$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$$b^*_{lab*} \quad M = \text{Maximalfarbe}$$



GG801-SA, 8; cf1=0.90; nt=0.18; nx=1.0