

L a b o T e x の表示最大方位密度

ODF 図から表示 s t e p 間隔を変えた場合、表示されている等高線のMax,Minと実際に描画されているODF図と異なる。

Max,Minは、step間隔を変える前の値

ODF計算は入力データから計算され、s t e p 変更は表示 s t e p の変更である。

Step=1deg

ODF Calculation Settings
ODF Resolution (deg) 1.0

LaboTex - TP100 User

File Edit View Calculation Analysis Modelling Help

CPF NPF RPF APF INV ODF ϕ_1 ϕ_2 Φ

2D 3D

Color	No	Value	Color	No	Value
Black	1	1.0	Green	8	13611.8
Blue	2	3024.9	Yellow	9	15124.3
Purple	3	4537.3	Yellow	10	16636.7
Blue	4	6049.7	Red	11	18149.1
Cyan	5	7562.1	Magenta	12	19661.5
Green	6	9074.6	Brown	13	21173.9
Green	7	10587.0	Purple	14	22686.4

TD90 Levels
22686.4
21173.9
19661.5
18149.1
16636.7
15124.3
13611.8
10587.0
9074.6
7562.1
6049.7
4537.3
3024.9
Max=24199.
Min=0.006
2023/04/24

ϕ_1 0 360
 ϕ_2 0-90
 Δ 1.00
90
 Φ

ODF Container's Info Close

Isolines/Levels for ODF

Adjustment of Isolines (Automatic Mode)

Balance

Fill

Background Color Isoline

AUTOMATIC

ODF Isolines Mode / Load ODF Isolines

Color Value State

Save ODF Isolines

Smoothness Min. Max.

Global ODF values

Maximal 24199. Minimal 0.006

ODF Properties

ODF Projection Sample

O-Cubic Demo TD90

Step=1deg

ODF Calculation Settings

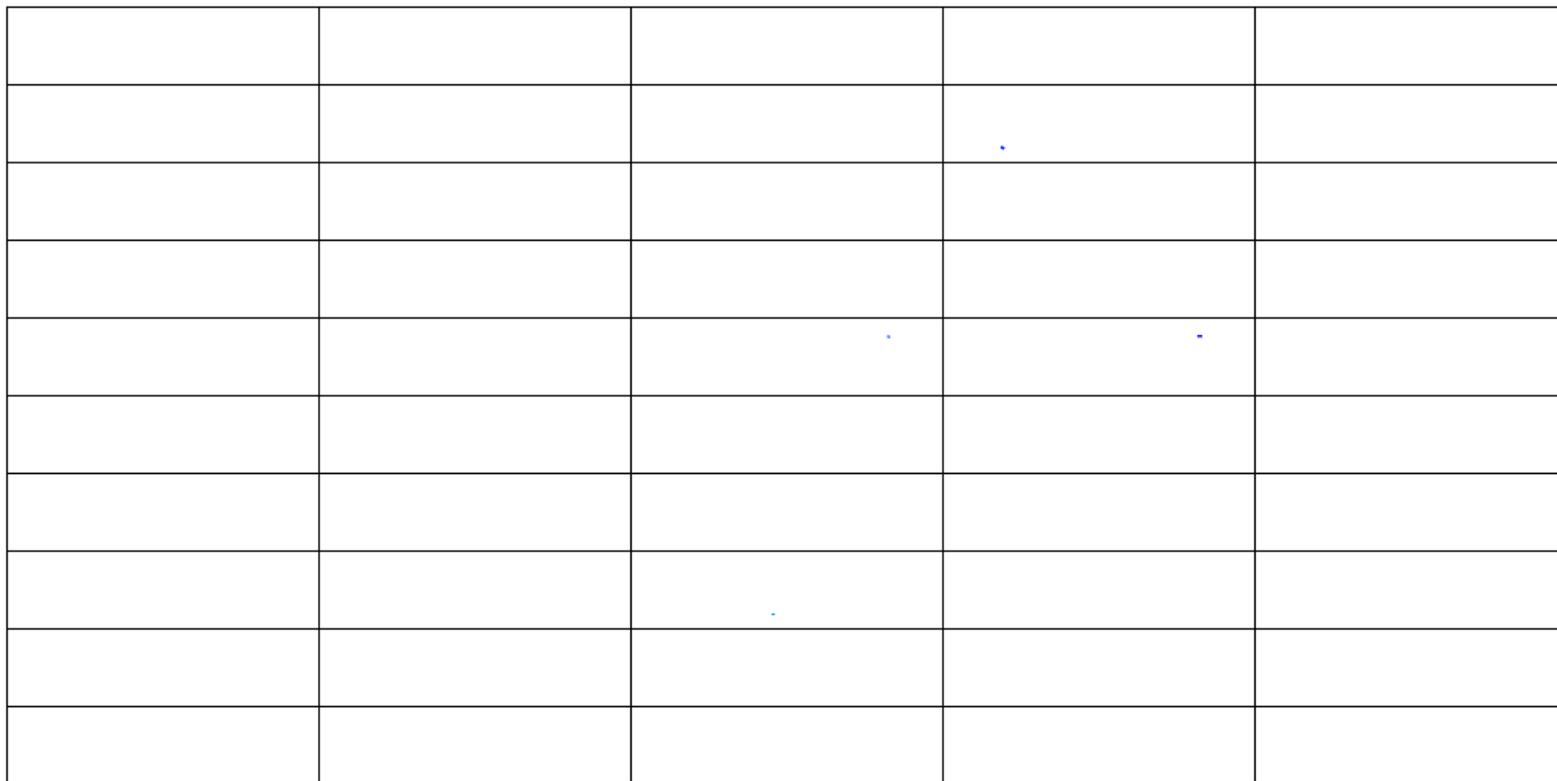
ODF Resolution (deg) 2.0

LaboTex - TP100 User

File Edit View Calculation Analysis Modelling Help



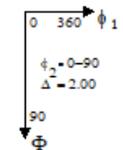
CPF NPF RPF APF INV ODF J1 J2 φ_1 φ_2 Φ



TD90
Levels

22686.4
21173.9
19661.5
18149.1
16636.7
15124.3
13611.8
10587.0
9074.6
7562.1
6049.7
4537.3
3024.9

Max=24199.
Min=0.006
2023/04/24



ODF Container's Info Close

Isolines/Levels for ODF

Color No	Value	Color No	Value
1	1.0	8	13611.8
2	3024.9	9	15124.3
3	4537.3	10	16636.7
4	6049.7	11	18149.1
5	7562.1	12	19661.5
6	9074.6	13	21173.9
7	10587.0	14	22686.4

Dec. Digit 1 None All Sort

Adjustment of Isolines (Automatic Mode)

Balance

Fill NORMAL

Background Color Isoline

AUTOMATIC

ODF Isolines Mode / Load ODF Isolines

Color Value State

Save ODF Isolines

Smoothness Min. Max.

Global ODF values

Maximal 24199. Minimal 0.006

ODF Properties

ODF Projection Sample

0: 0: 31

O-Cubic Demo TD90

Step=1deg

ODF Calculation Settings
ODF Resolution (deg) 5.0

等高線が表示されない

LaboTex - TP100 User

File Edit View Calculation Analysis Modelling Help

CPF NPF RPF APF INV ODF J1 J2 J3 ϕ_1 ϕ_2 Φ

TD90 Levels

- 22686.4
- 21173.9
- 19661.5
- 18149.1
- 16636.7
- 15124.3
- 13611.8
- 10587.0
- 9074.6
- 7562.1
- 6049.7
- 4537.3
- 3024.9

Max=24199.
Min=0.006
2023/04/24

0 360 ϕ_1
 ϕ_2 0-90
 Δ 5.00
90 Φ

ODF Container's Info Close

Isolines/Levels for ODF

Color	No	Value	Color	No	Value
Black	1	1.0	Green	8	13611.8
Blue	2	3024.9	Yellow	9	15124.3
Purple	3	4537.3	Yellow	10	16636.7
Blue	4	6049.7	Red	11	18149.1
Cyan	5	7562.1	Magenta	12	19661.5
Green	6	9074.6	Brown	13	21173.9
Light Green	7	10587.0	Purple	14	22686.4

Dec. Digit 1 None All Sort

Adjustment of Isolines (Automatic Mode)

Balance

Fill

Background Color NORMAL

Background Color Isoline

AUTOMATIC

ODF Isolines Mode / Load ODF Isolines

Color Value State

Save ODF Isolines

Smoothness Min. Max.

Global ODF values

Maximal 24199. Minimal 0.006

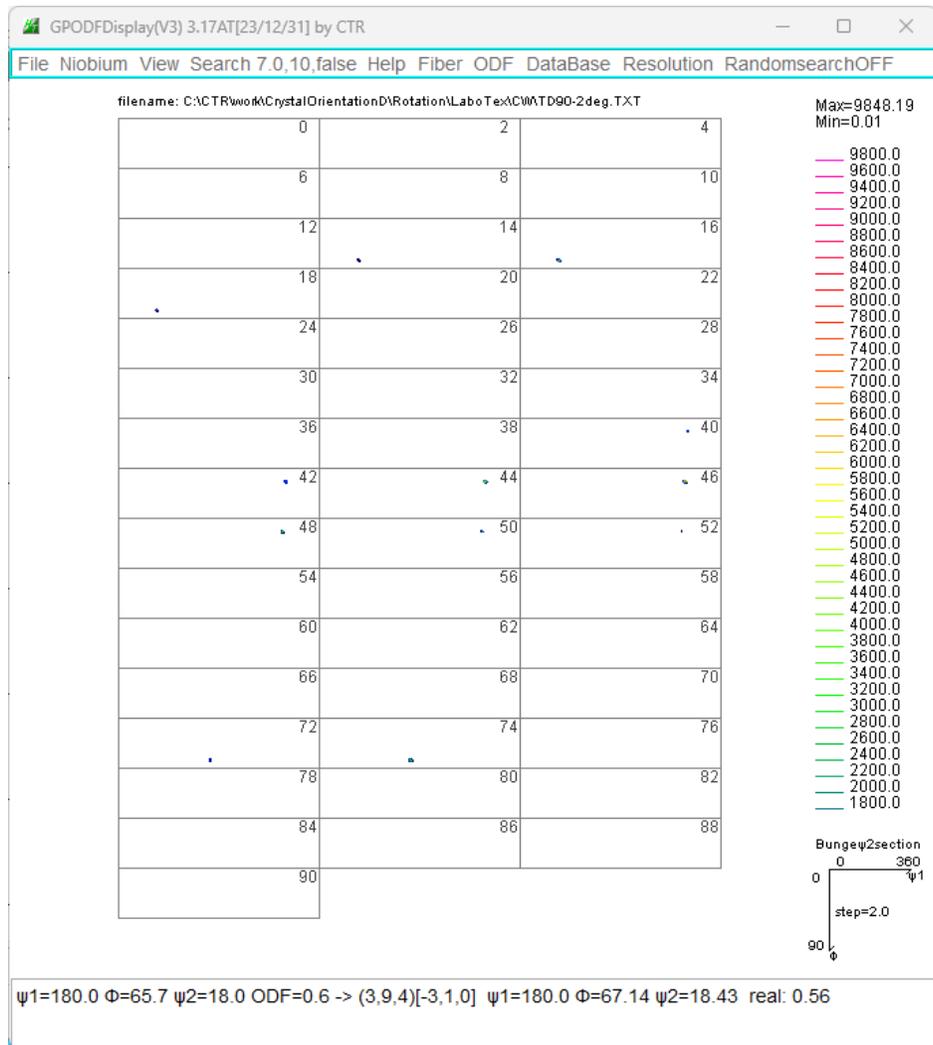
ODF Properties

ODF Projection Sample

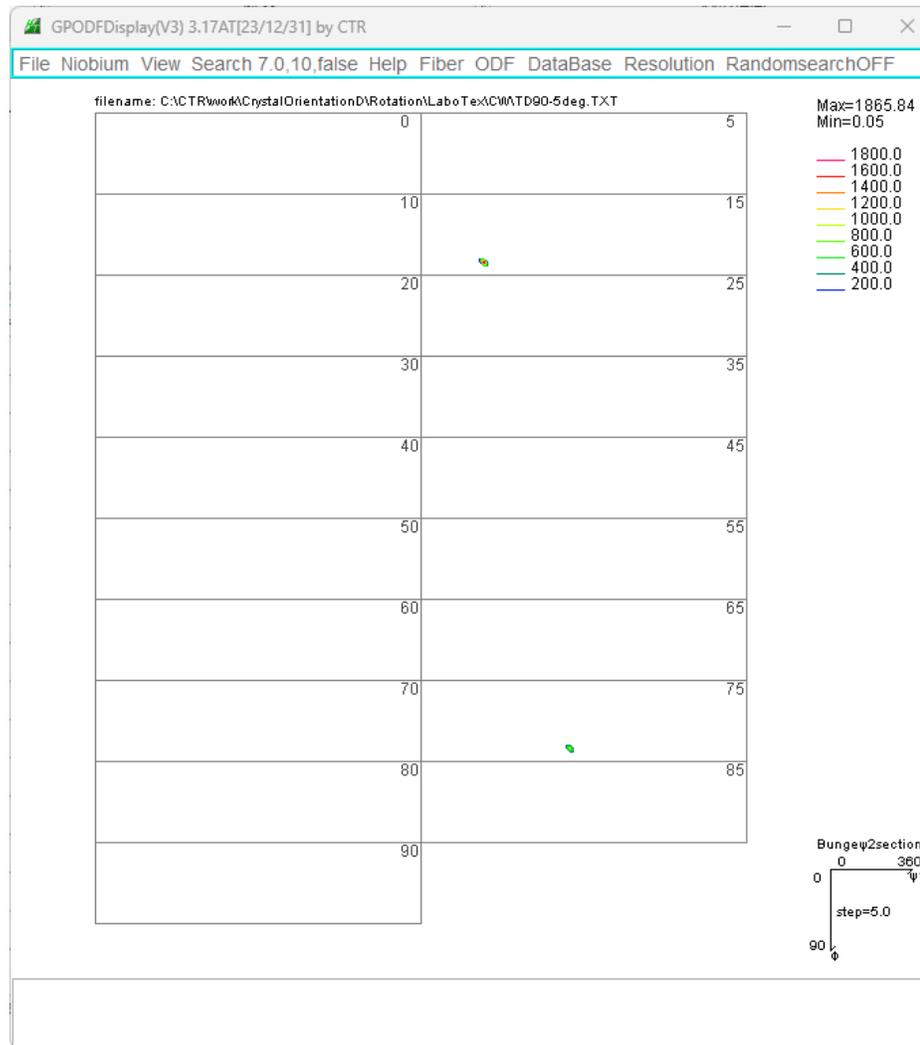
O-Cubic Demo TD90

ExportされたODF

2deg



5deg



LaboTexで5deg表示

LaboTex - Nbn User

File Edit View Calculation Analysis Modelling Help

CPF MPF RPF APF INV ODF

TD90 Levels

2000.0
1800.0
1600.0
1400.0
1200.0
1000.0
800.0
600.0
200.0

Max=24199.
Min=0.006
2023/04/24

0 360 ϕ_1
 $\phi_2 = 0-90$
 $\Delta = 5.00$
90 ϕ

ODF Container's Info Close

Isolines/Levels for ODF

Color No	Value	Color No	Value
1	1.0	8	1600.0
2	200.0	9	1800.0
3	600.0	10	2000.0
4	800.0	11	18149.1
5	1000.0	12	19661.5
6	1200.0	13	21173.9
7	1400.0	14	22686.4

Dec. Digit 1 None All Sort

Adjustment of Isolines (Automatic Mode)

Balance

Fill

NORMAL

Background Color Isoline

MANUAL

ODF Isolines Mode / Load ODF Isolines

Color Value State

Save ODF Isolines

O-Cubic Demo TD90

まとめ

- ODF解析は入力された S t e p 間隔で計算される
- Step変更は、解析後のデータから切り出される
- ODF図表示の最大方位密度は計算された最大値
- 切り出された最大値と計算された最大値が異なる