

La b o T e x、P F R o t a t i o nによる

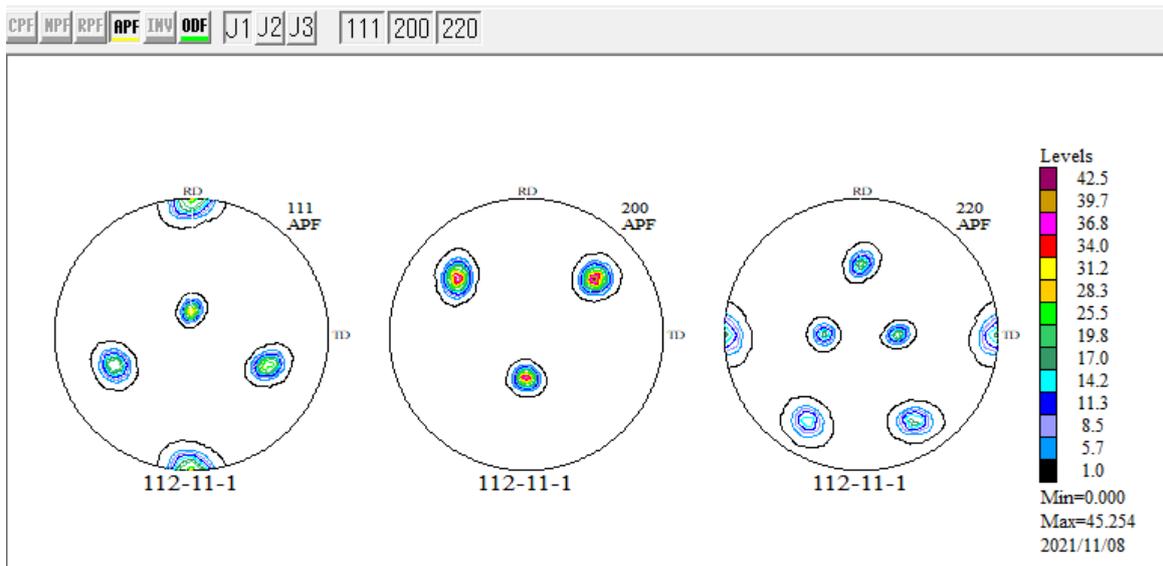
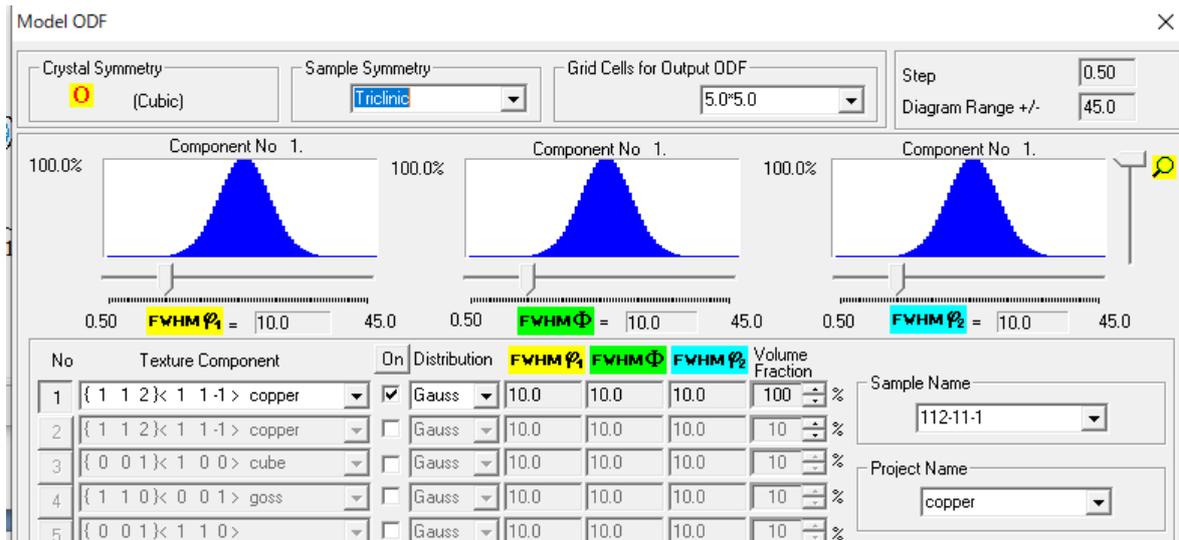
極点図RD→TD回転

2021年11月08日

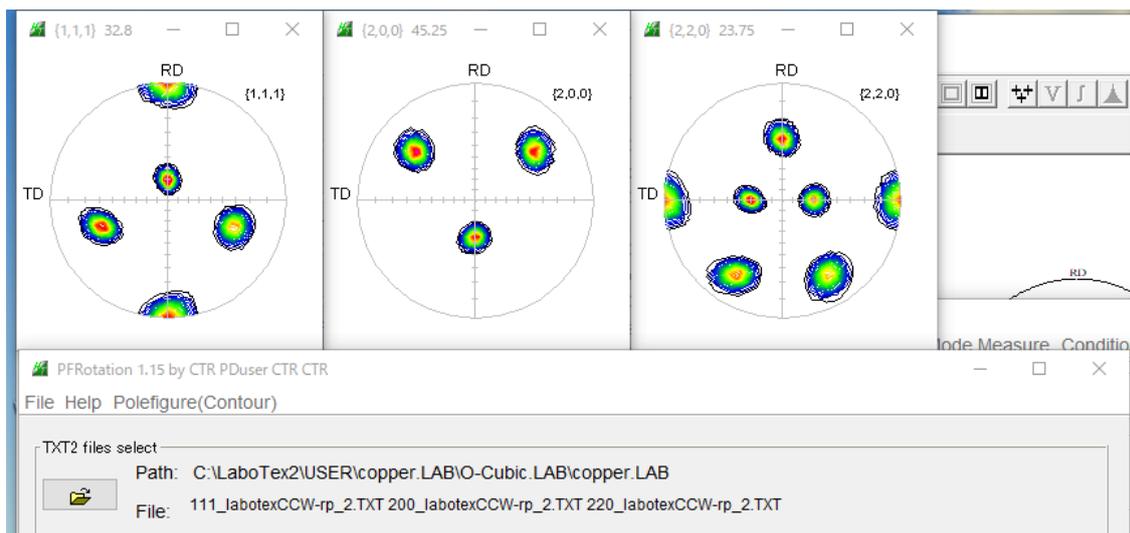
HelperTex Office

概要

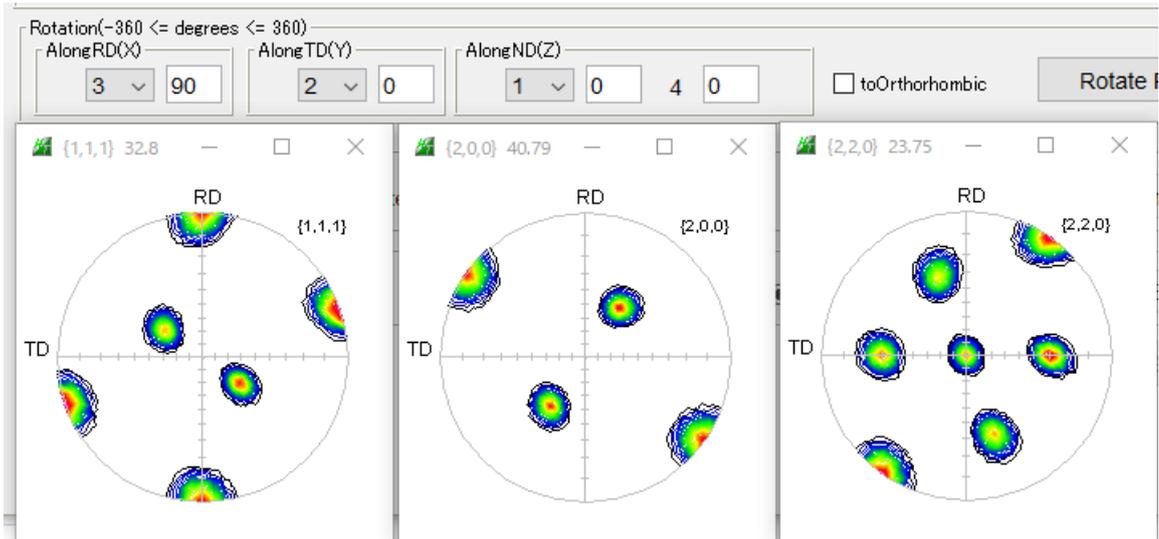
LaboTexで作成したcopper方位をTriclinicで作成し
PFRotation ソフトウェアで回転比較を行う。



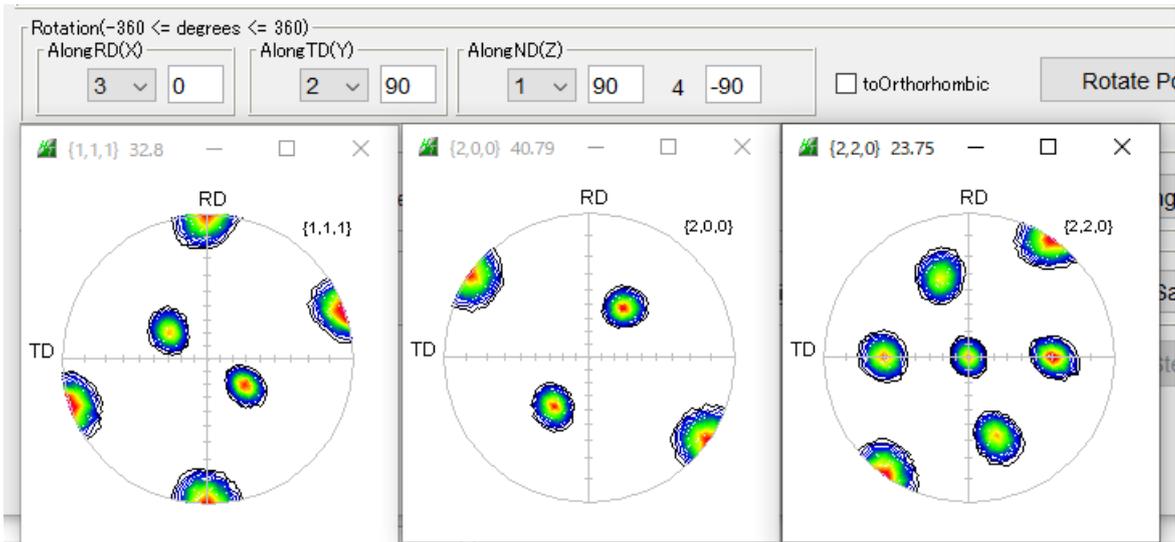
極点図のExport



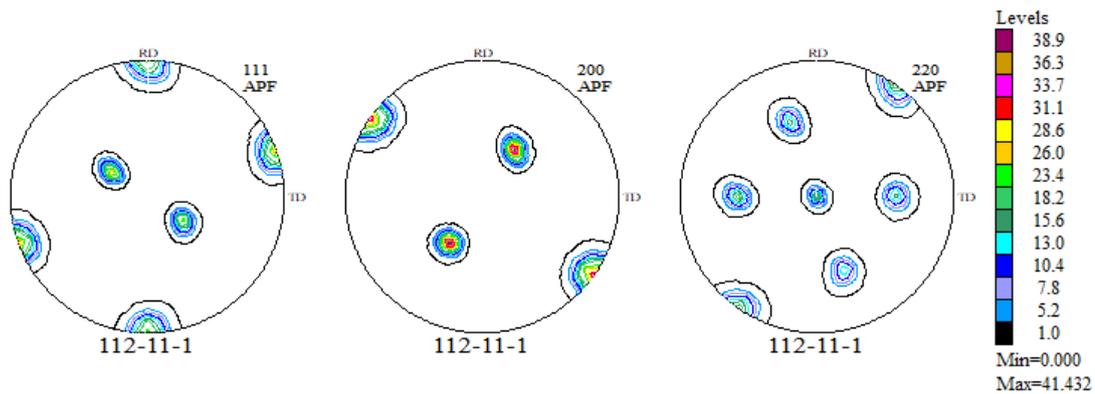
TD 方向極点図



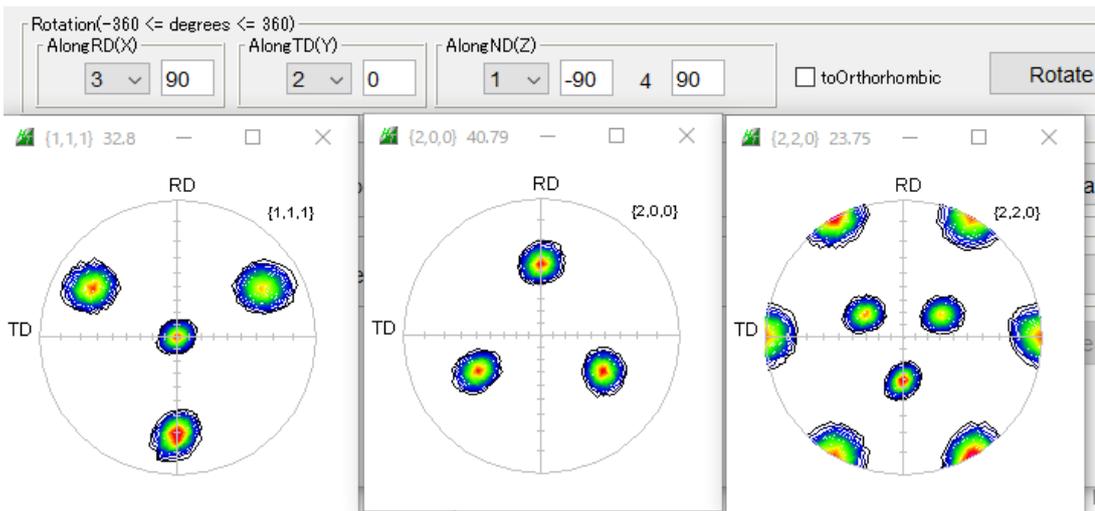
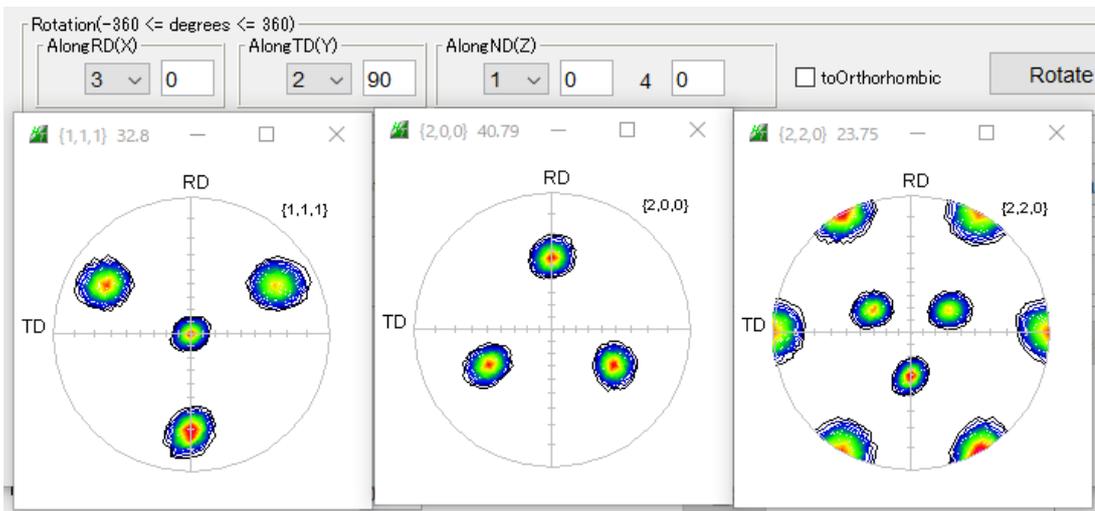
面内回転後、TD 軸回転し、面内回転を戻す



LaboTexによる回転



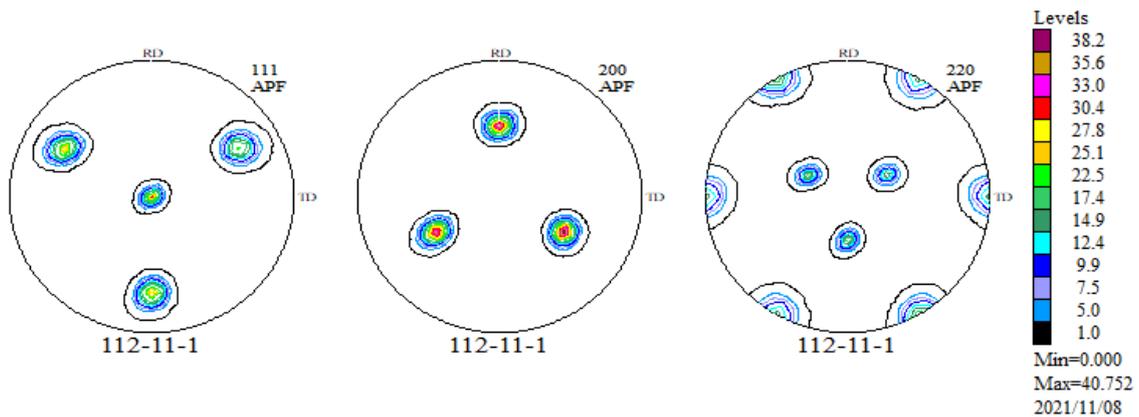
RD 方向極点图



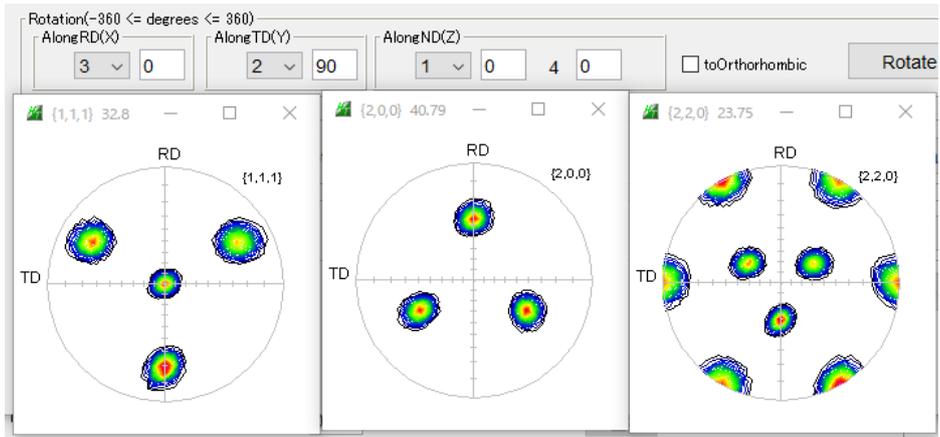
Euler Angles

φ_1	Φ	φ_2
(-360 - 360)	(-180 - 180)	(-360 - 360)
90	90	-90

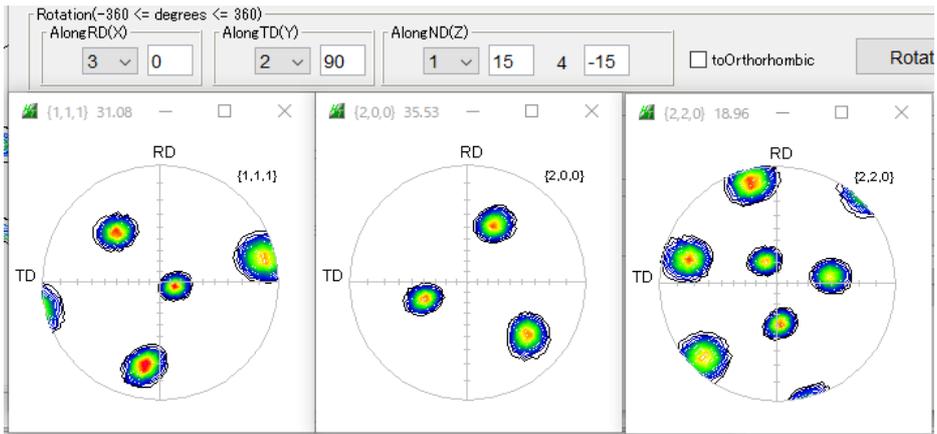
PF NPF RPF APF INV ODF J1 J2 J3 111 200 220



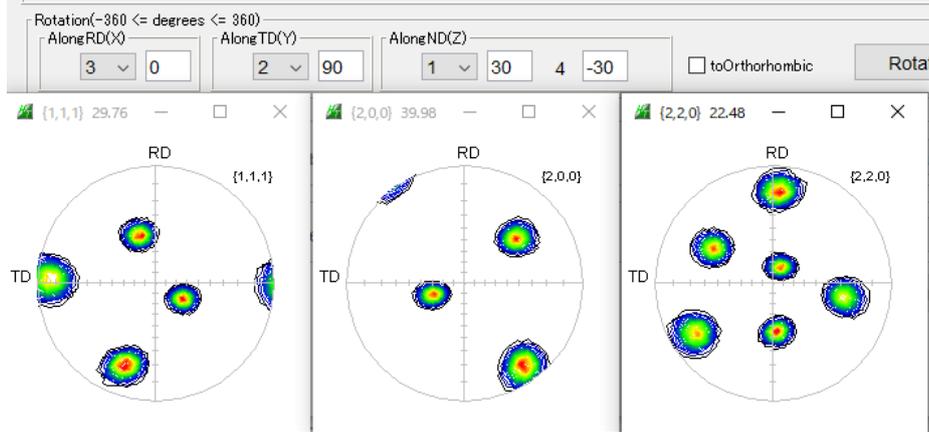
RDからTDまでの回転



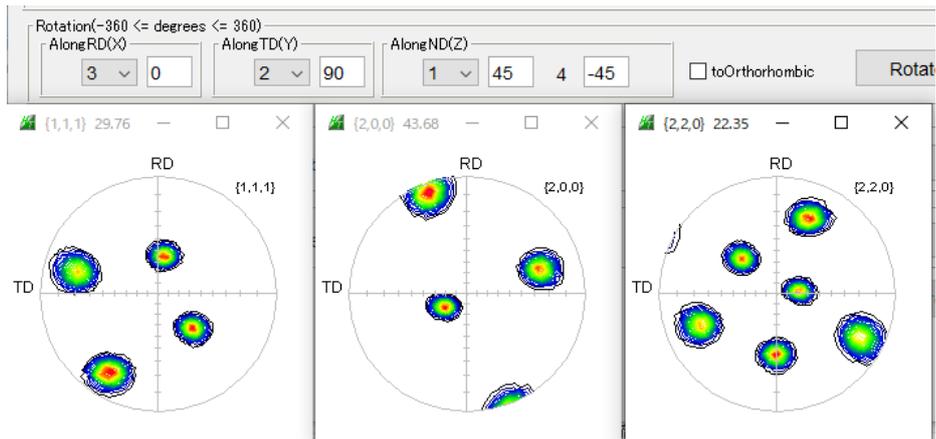
RD



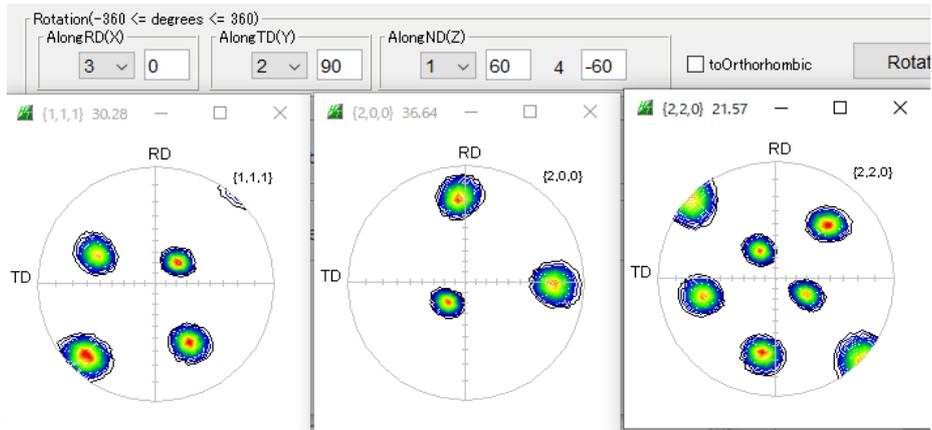
D → 15 - TD



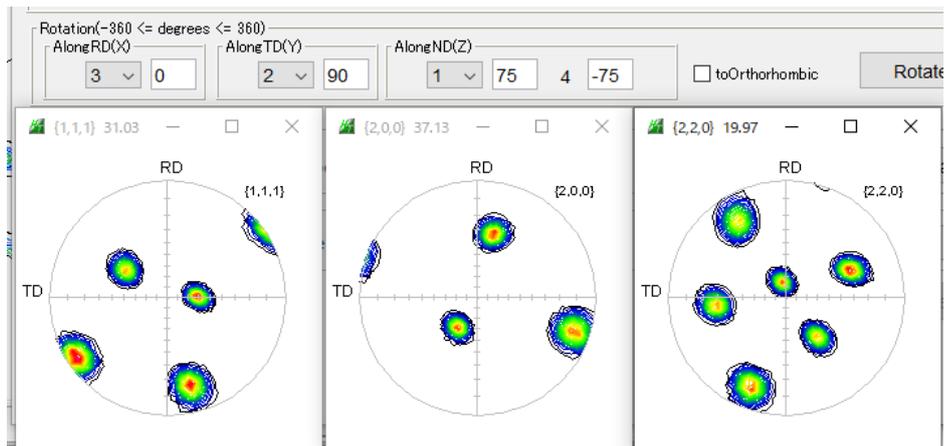
RD → 30 - TD



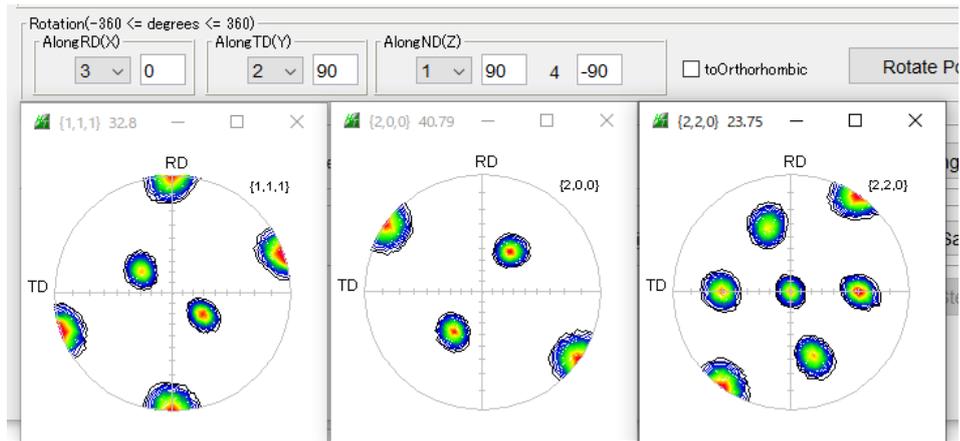
RD → 45 - TD



RD → 60 - TD



RD → 75 - TD



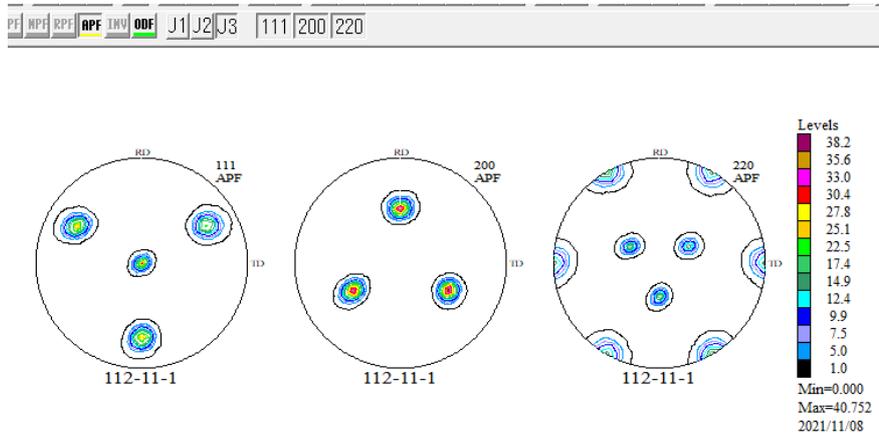
TD

LaboTexによるRD→TD回転

RD

Euler Angles

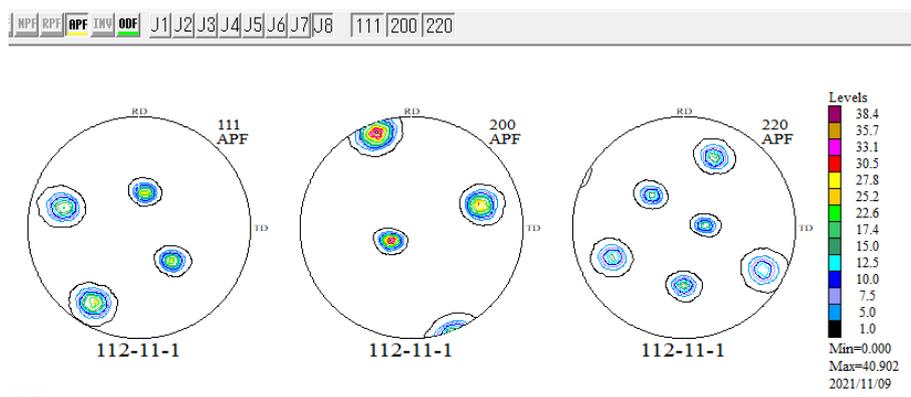
φ_1	Φ	φ_2
(-360 - 360)	(-180 - 180)	(-360 - 360)
90	90	-90



RD → 45 - TD

Euler Angles

φ_1	Φ	φ_2
(-360 - 360)	(-180 - 180)	(-360 - 360)
45	90	-135



TD

Euler Angles

φ_1	Φ	φ_2
(-360 - 360)	(-180 - 180)	(-360 - 360)
0	90	0

Euler Angles

φ_1	Φ	φ_2
(-360 - 360)	(-180 - 180)	(-360 - 360)
0	90	-180

