

## XRD-MTEX-CTR-ODF図、逆極点図比較

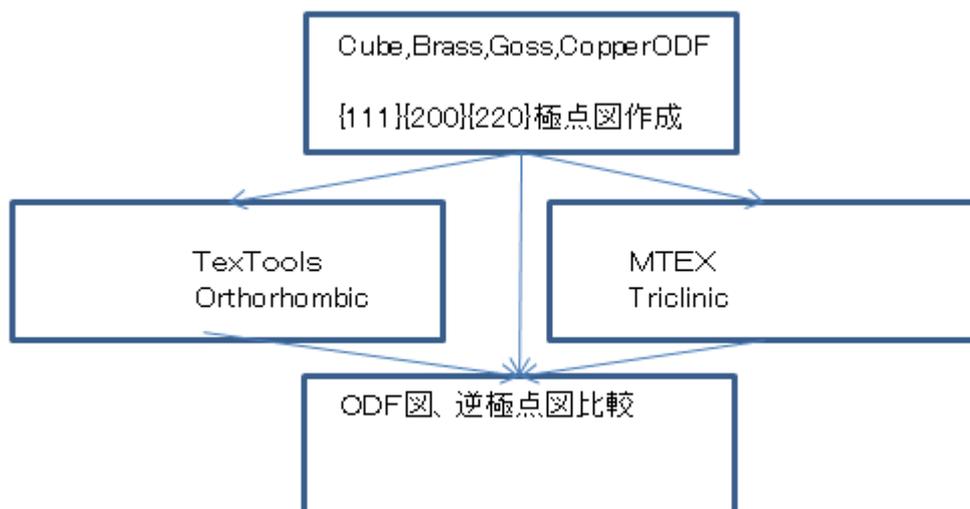
MTEXで解析したTriclinicODF図をGPODFDisplayで  
Orthorhombic化し、TexToolsのOrthorhombicと比較  
更に、MTEX逆極点図をExportし、TexToolsの逆極点図と比較

2020年11月02日

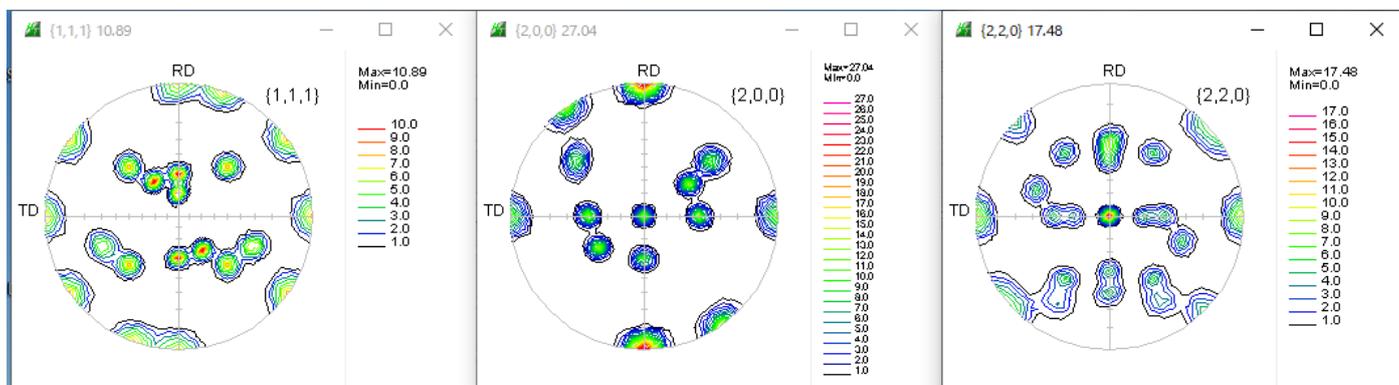
HelperTex Office

## 概要

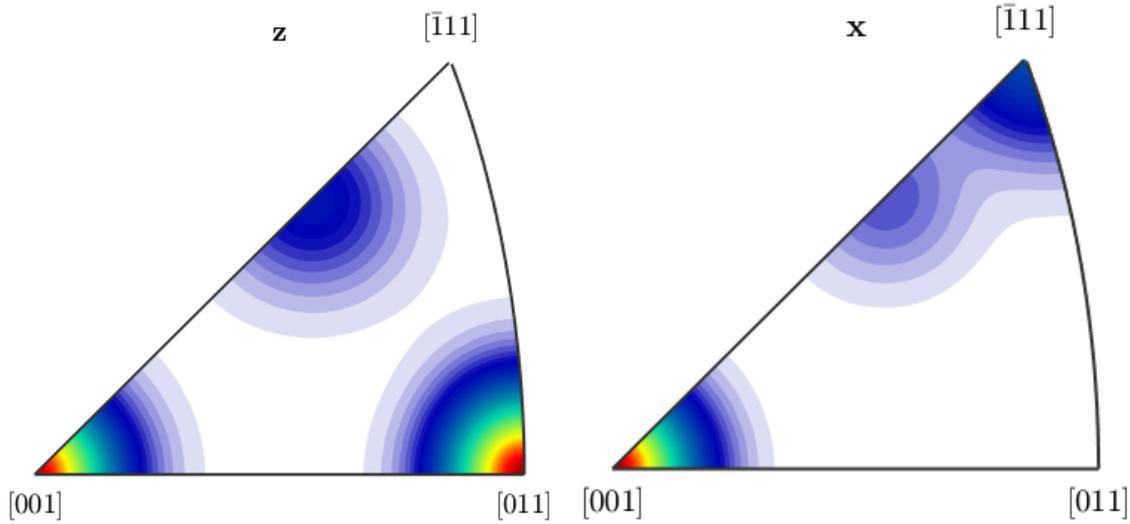
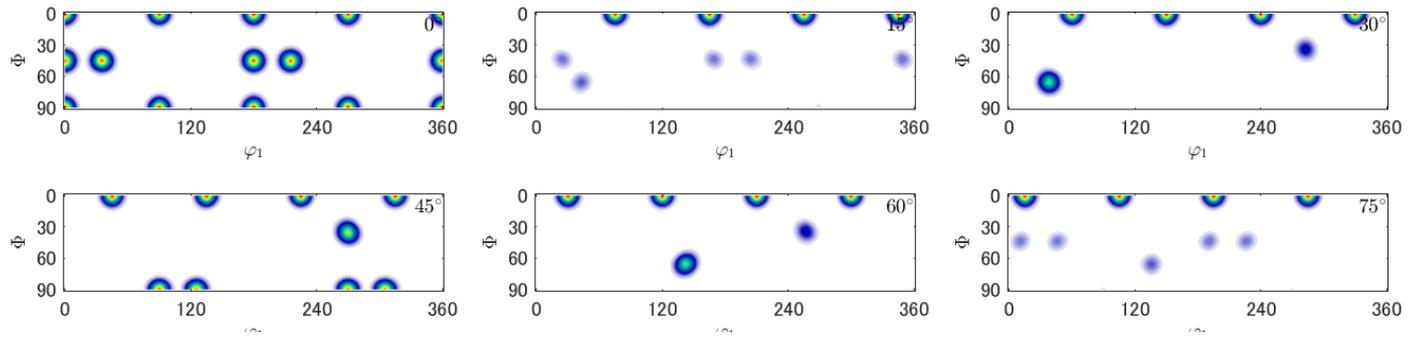
EBS Dデータを扱いだし、MTEX関係のソフトウェアの見直しを行った。  
修正後の確認を行う。



## 作成された極点図

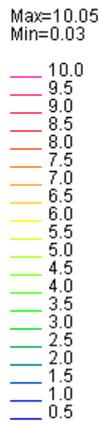
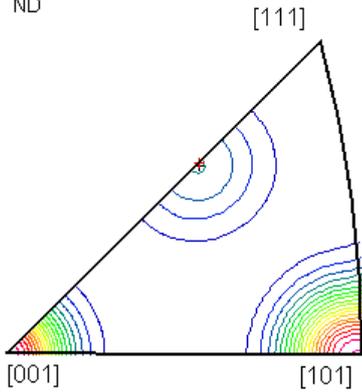


MT EX解析結果



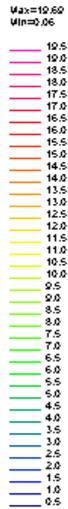
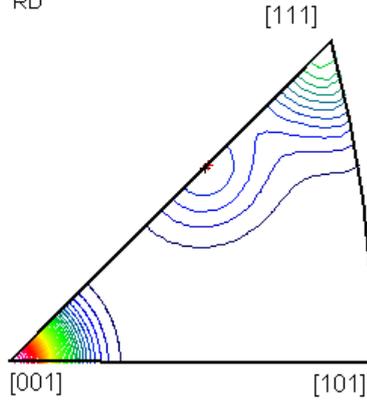
Exportした逆極点図

U:\XRD-EBSD-MTEX\Cubic\Aluminium-all\MTEX\ND.TXT  
ND



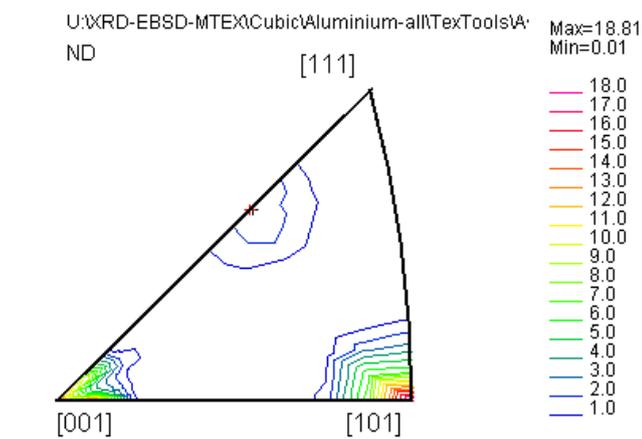
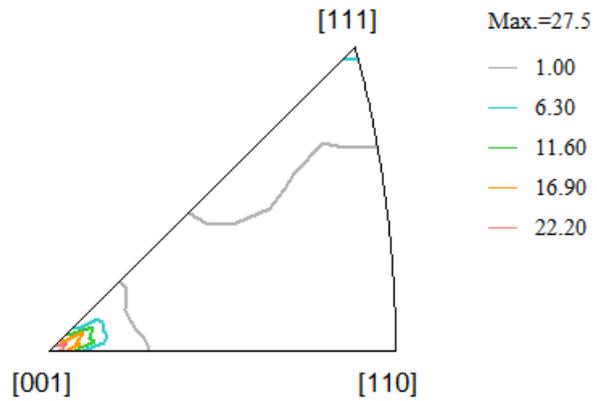
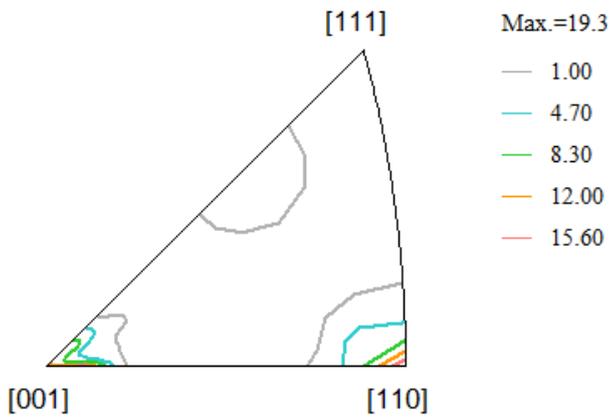
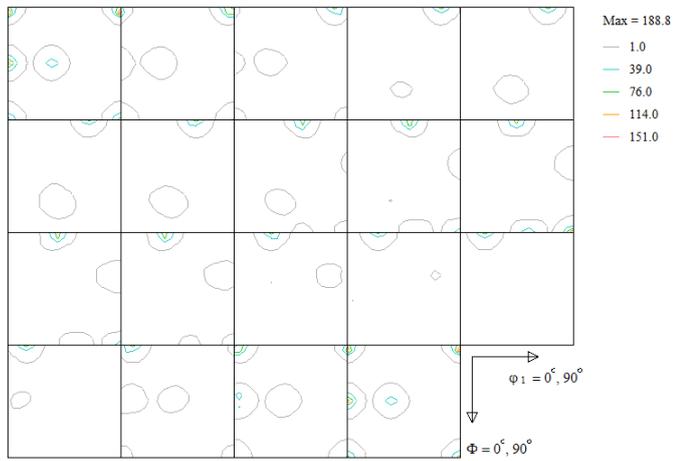
( $\phi=34.9$ ,  $\beta=44.6$ ) Z=2.03 --> [1,1,2]

U:\XRD-EBSD-MTEX\Cubic\Aluminium-all\MTEX\RD.TXT  
RD

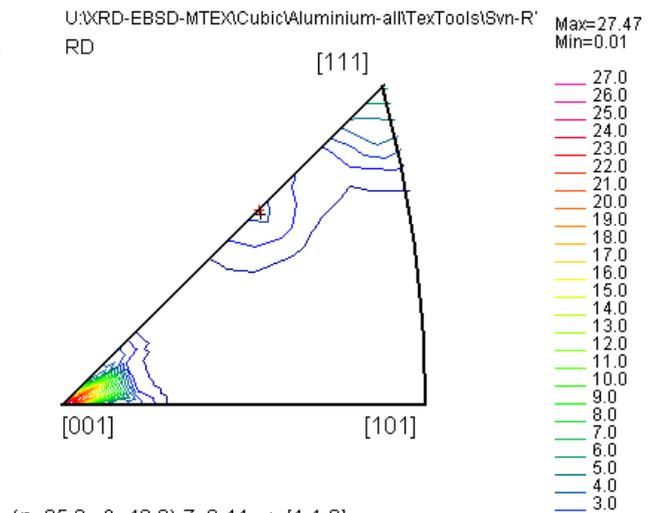


( $\phi=34.8$ ,  $\beta=44.8$ ) Z=2.41 --> [1,1,2]

# TexTools (Orthorhombic)



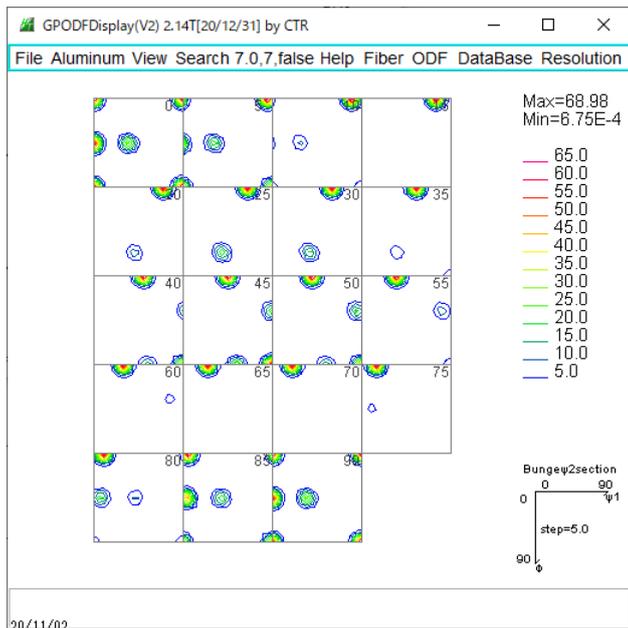
( $\phi=35.7$ ,  $\beta=44.6$ )  $Z=2.62 \rightarrow [1,1,2]$



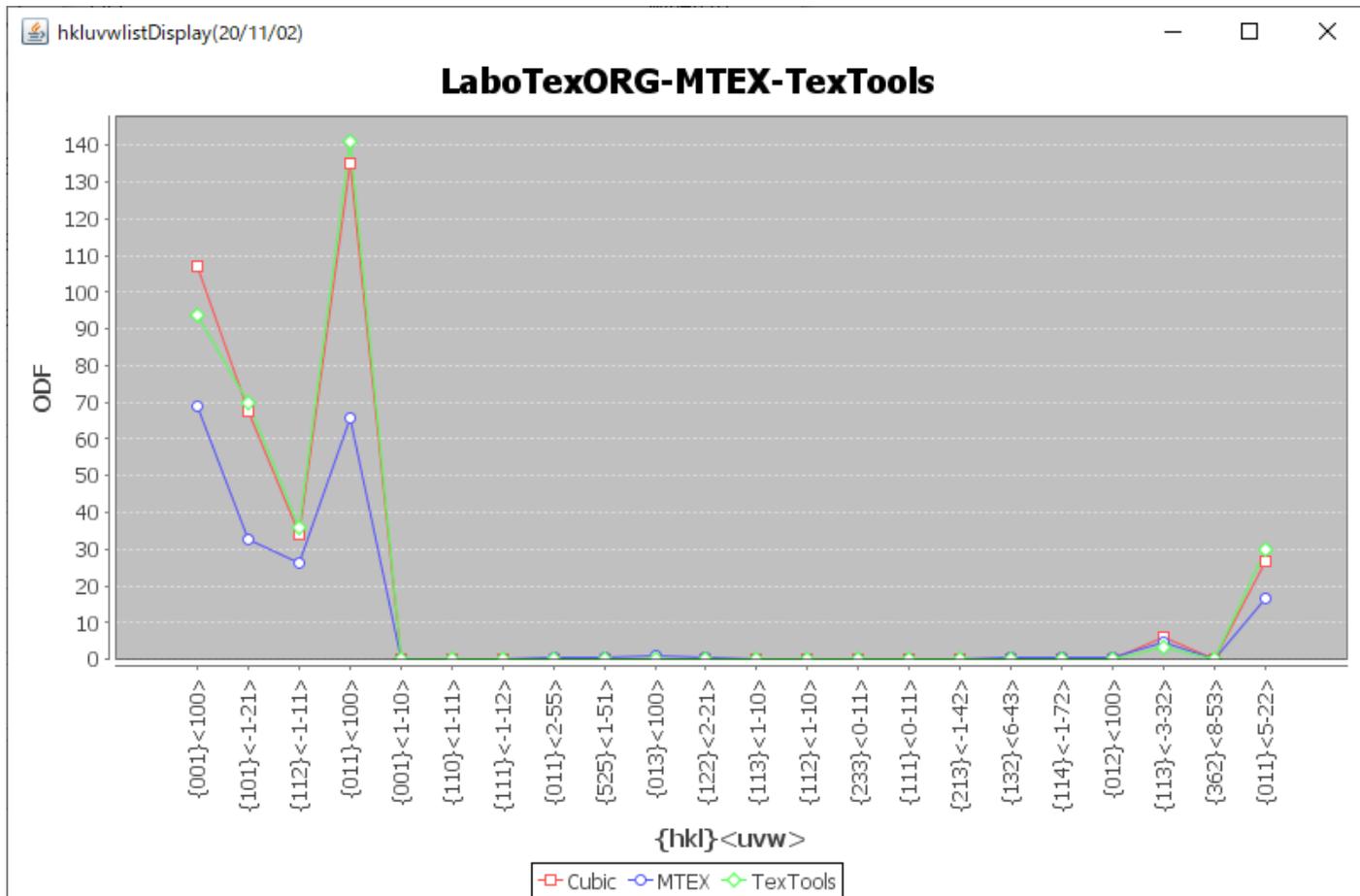
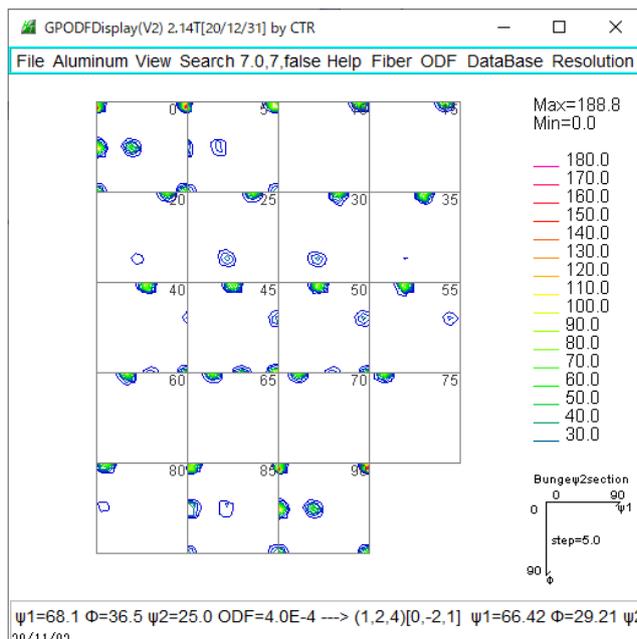
( $\phi=35.0$ ,  $\beta=43.9$ )  $Z=3.44 \rightarrow [1,1,2]$

データ比較

MTEX(Triclinic->Orthorhombic)

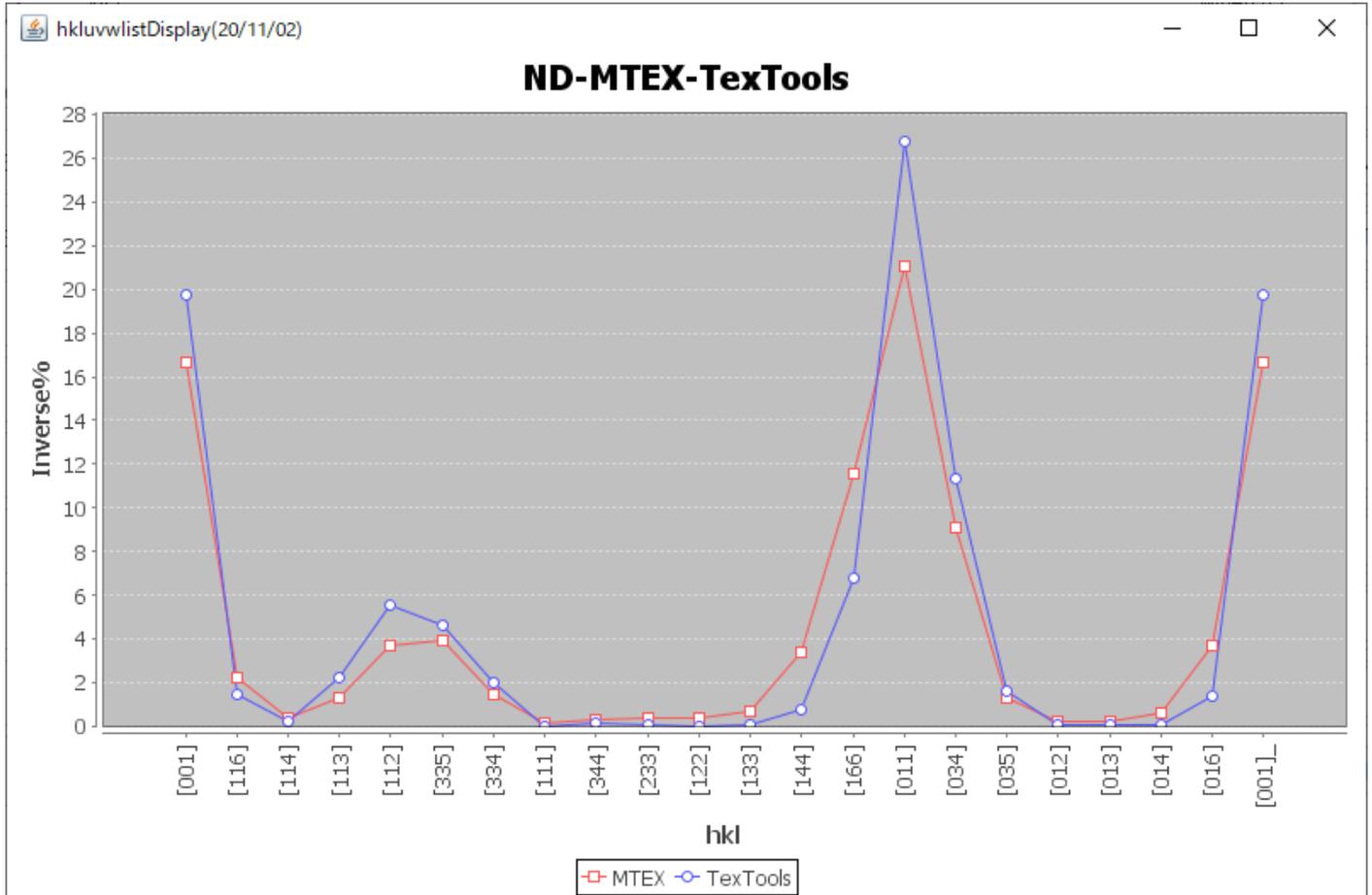


TexTools(Orthorhombi)



逆極点图比較

RD 方向



RD 方向

