

UoA MINERALOGY-CRYSTALLOGRAPHY (Y1205) Exercises

CRYSTAL MORPHOLOGY / STRUCTURE

Jcrystal:

http://www.jcrystal.com/products/jcrystal/JCrystal_Setup.exe

(files: .jcr)

KrystalShaper:

http://www.jcrystal.com/products/krystalshaper/KrystalShaper_Setup.exe

(files: .krs)

WinXMorph

<http://cad4.cpac.washington.edu/WinXMorphHome/WinXMorph.htm>

(files: .mor and .wrl)

KRISTALL2000

<http://www.kristall2000.de/index-Dateien/Informationen.htm>

Vesta:

<https://jp-minerals.org/vesta/archives/3.5.5/VESTA-win64.zip>

(files: .cif from <http://rruff.geo.arizona.edu/AMS/amcsd.php> and .vesta)

POWDER X-RAY DIFFRACTION (XRD)

PowDLL

<http://users.uoi.gr/nkourkou/powdll/>

(.raw to .xy and all types of XRD files to .xls)

QualX2 (after registration)

PowCod - database

<http://www.ba.ic.cnr.it/softwareic/qualx/>

<http://www.ba.ic.cnr.it/softwareic/qualx/powcod-download/>

(.xy files from **PowDLL** and .qix)