CyXtal: C(P)ython Package for Crystal Plasticity Data Analysis

development note

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1 Module: ctools

2 Module: cxtallite

3 External Module: ext_aps

3.1 parsers.py

This particular module include several function that help facilitate the analysis of data collected at beamline-34-ID-E at Advanced Photon Source in Argonne National Lab.

1. parser_xml(...)

2. strain_refine(...)
   The algorithm of strain refinement is based on the igor script written by Dr. Tischler at APS.

4 External Module: ext_damask

5 External Module: ext_vtk