2. Crystal diffraction and diffraction based methods of orientation and strain determination

Topics covered:

- 1. Elements of geometric crystallography
- 2. Geometric theory of diffraction
- 3. Kinematic theory of diffraction
- 4. Dynamic theory of (electron) diffraction
- 5. Indexing of diffraction patterns
- 6. Example methods of local strain determination (CBED and Kossel micrdiffraction