

## Geometrical Crystallography 206-11051 – 1 credit

### Syllabus

Basics of crystal structure, law of constant angles. Crystal projections, crystal symmetry. Law of rational indices. Crystallographic systems. Zoning and crystallographic computations. Crystallographic bodies; twinning.

### Bibliography

**Bloss, F. D** : Crystallography and Crystal Chemistry - an Introduction. Holt , Rinehart and Winston , New York ,1971 pp545

**Burger , M. J** : .Elementary Crystallography ,New york 528 ,1956 ,pp .

**Klein, C & Hurlbut, C.S. Jr** : Manual of Mineralogy; 20th ed. John Wiley & Sons, New York 1985, 596 pp.

**Phillips, F.C** : .An Introduction to Crystallography. John Wiley & Sons ,New York 351 ,1971pp.

**יעקב ק. בן-תור** : לוחות הגדרה למינרלים יוצרי סלעים.

### Course Requirements

2 hr tutorial