

Phase transformations

- ❖ Reconstructive—break bonds and form new ones
 - ❖ Calcite \rightleftharpoons Aragonite
- ❖ Displacive—bonds only shift angles
 - ❖ α quartz \rightleftharpoons β quartz
- ❖ Order–disorder—atoms diffuse to new sites
 - ❖ Al–Si positions in feldspar