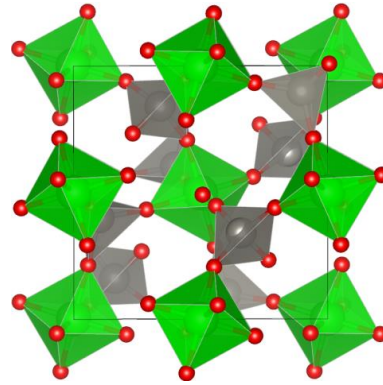
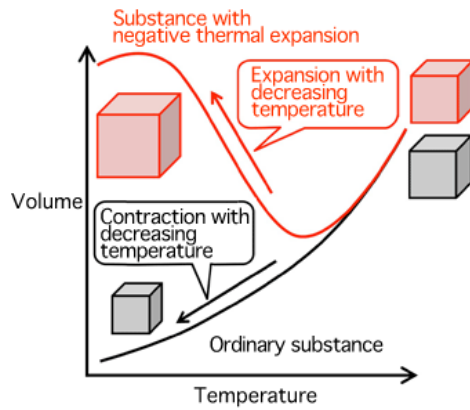


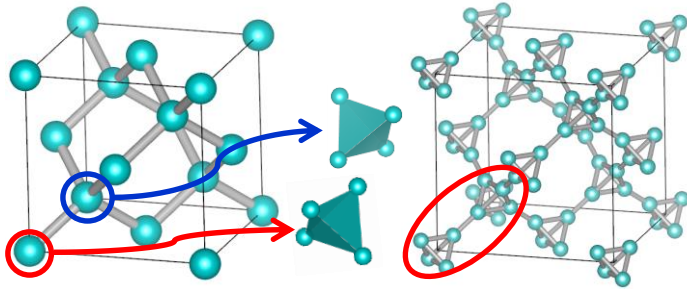
➤ Negative Thermal Expansion



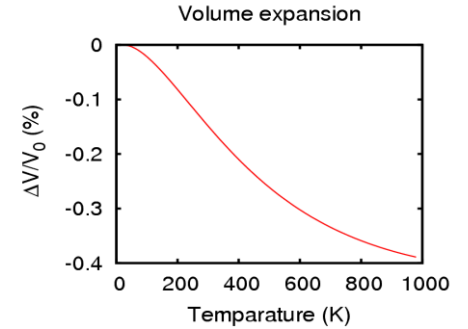
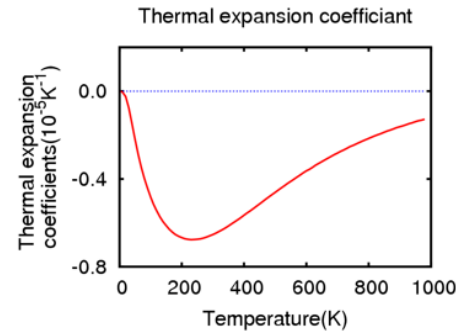
ZrW₂O₈ material

- ✓ In the composites industry.
- ✓ In medical application. (teeth fillings)
- ✓ In the photonics sector.
- ✓ In the production of 'superior' high field superconducting solenoid magnets.
- ✓ In the making of interfaces exhibiting good adhesion properties.
- ✓ In the production of symmetric laminated beams with useful thermal deformation properties.

➤ T-carbon?



➤ Thermal properties



➤ Rigid unit modes(RUMs)

RUM is a lattice vibration in which the polyhedra are able to move, by translation and/or rotation, without distorting.

