

23PHY114
Class Notes

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Chapter 1

Solids

1.1 Types Of Deformation

1. Axial deformation - stretch, extension, compress
 2. Torsion - twisting moment
 3. Bending - bending moment
 4. Shear deformation
-
1. Stress - application of force
 2. Strain - deformation
 3. Traction -

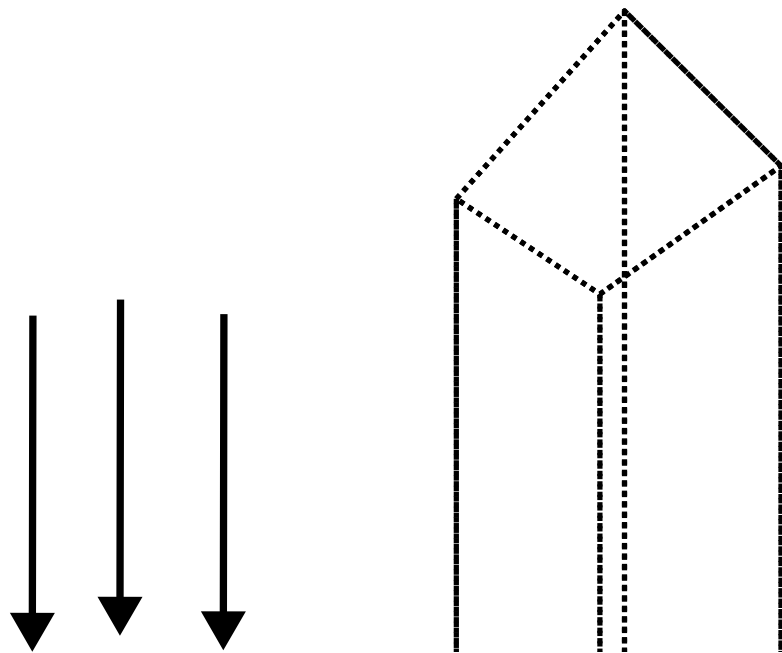


Figure 1.1: Axial deformation