

Forming of materials

Module -1: Fundamental concepts relevant to metal forming technology

Lecture – 2

Materials and their structures:

Quiz

1. Mention some line defects in crystalline materials.
2. Give examples for metals which have fcc crystal structure.
Nickel, Copper, Silver
3. In the unit cell of iron how many atoms are there?
4. Distinguish between edge and screw dislocations.
5. What is the packing factor for BCC materials?
6. What is the maximum number of ways in which points can be arranged in three dimensional space satisfying the conditions of symmetry?