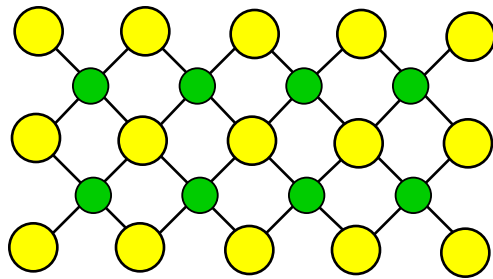
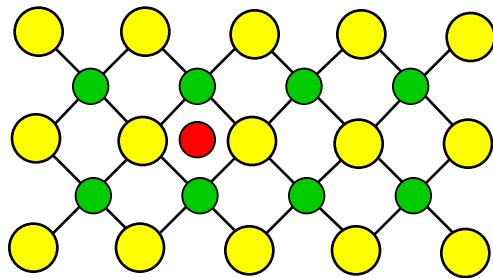


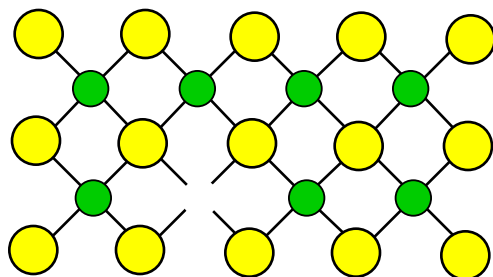
Point defects in a crystal lattice



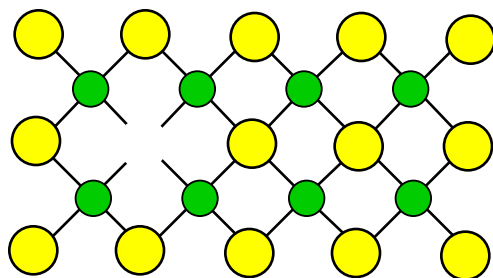
perfect lattice



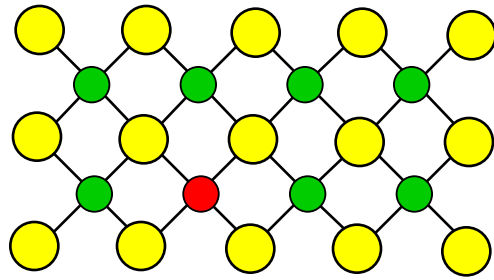
interstitial impurity



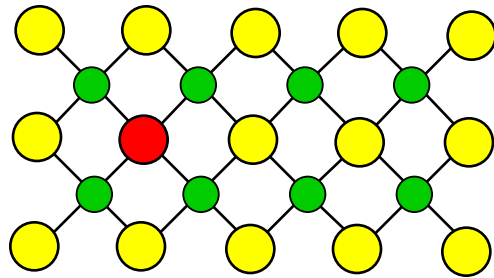
cation vacancy



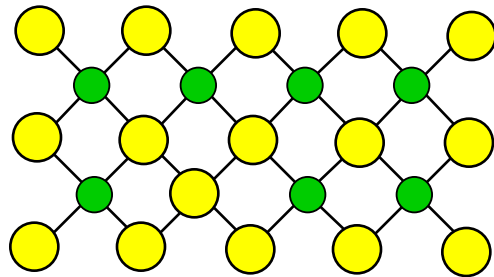
anion vacancy



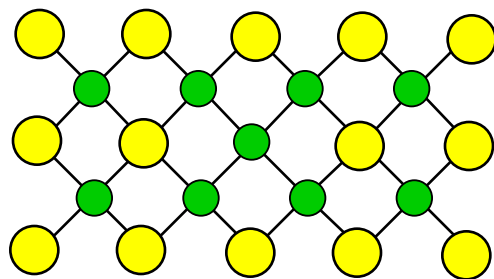
substitution of a cation



substitution of an anion

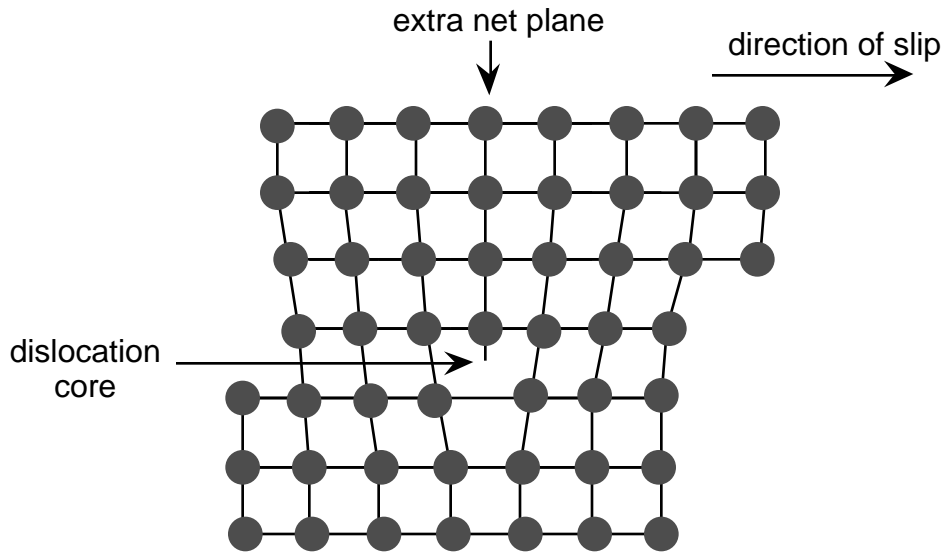


B_A antisite defect



A_B antisite defect

Dislocation in a crystal lattice



Schematic representation of the (100) and (111) faces of a face centered cubic (fcc) lattice showing the relationship between the close packed rows

