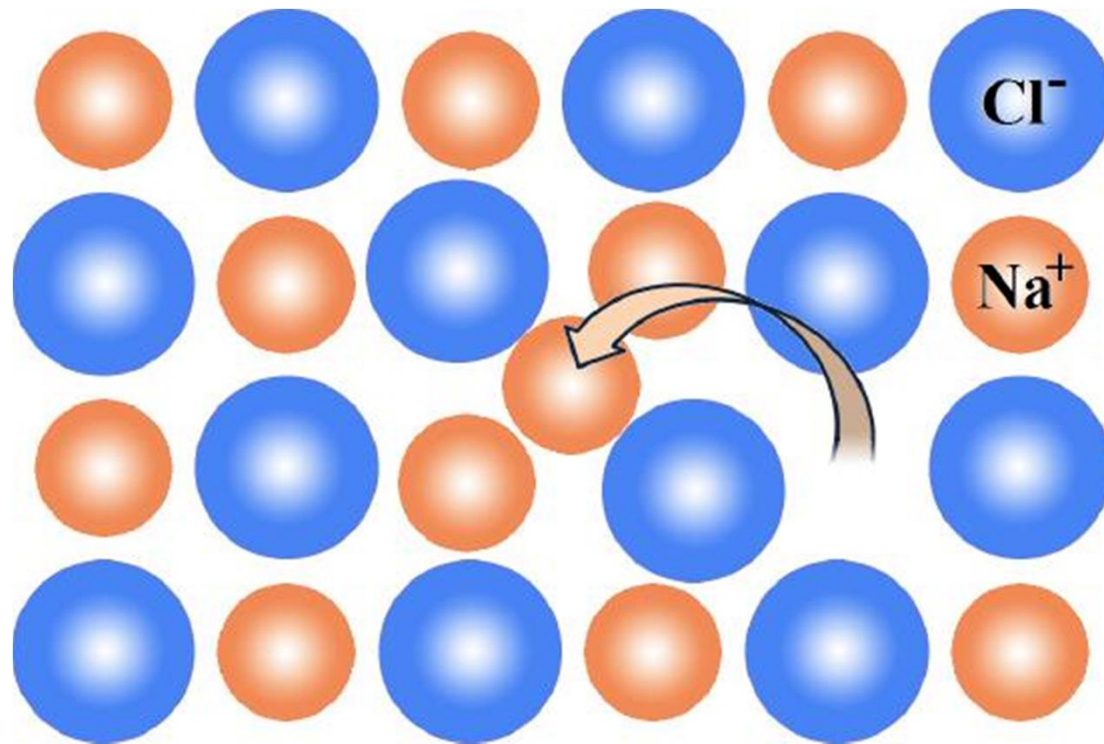


Frenkel defect



Line imperfection

Line imperfections (one-dimensional defects) are also called **Dislocations**. They are abrupt changes in the regular ordering of atoms along a line (dislocation line) in the solid. They occur in high densities and strongly influence the mechanical properties of material.