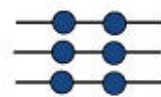


Empty conduction band

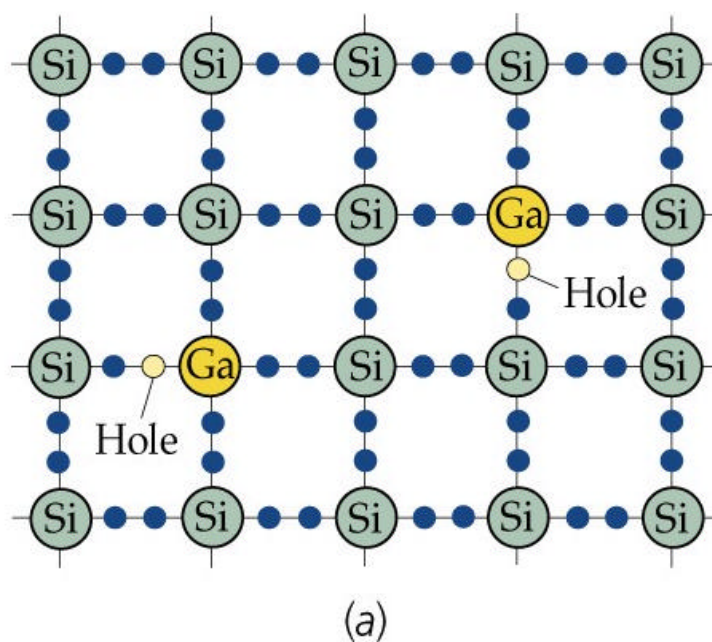


Impurity donor level



Filled valence band

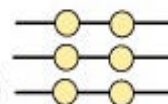
(b)



Empty conduction band



Impurity acceptor levels



Filled valence band

(b)

