Reverse biasing characteristics in semiconductors

Graph of variation of reverse current with reverse biasing voltage

Reverse breakdown voltage in semi conductors

Reverse biasing voltage providing sudden sharp increment of reverse current

Reverse saturation current in reverse biasing of semiconductors

Current due to drift of minority charge carriers across the junction

Zener breakdown voltage in reverse biasing of semi conductors

Reverse voltage of Breakdown of junction diode

Term for zener breakdown voltage in reverse biasing in semi conductors

Peak inverse voltage

Representation of graph of reverse biasing in semi conductors

[IM]

- Graph at third quadrant
- Small increment in current for some magnitude of voltage
- Rapid breakdown and exponential increment of current

Representation of complete voltage and current relationship of a junction diode as forward and reverse biasing both

[IM]

- Less cut in voltage for germanium
- Breakdown voltage in third quadrant
- Exponential increase in reverse current
- Exponential increase in forward current after cut in voltage