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**Knee voltage in semi conductors**

Forward biasing voltage beyond which diode current increase rapidly

**Forward biasing characteristics in semi conductors**

Graph showing variation of circuit current with forward biasing voltage

**Approximation of current flow below the barrier potential in semi conductors**

Null

**Approximation of current flow above the barrier potential in semi conductors**

Rapid increased

**Threshold voltage in forward biasing characteristics**

Biasing voltage after which rapid increment of current occurs

**Term for threshold voltage in forward biasing characteristics**

Cut in voltage

**Representation of graph of forward characteristic of junction diode**

[ IM ] - Potential in x axis - Current in y axis - Exponential increase after Cut in voltage