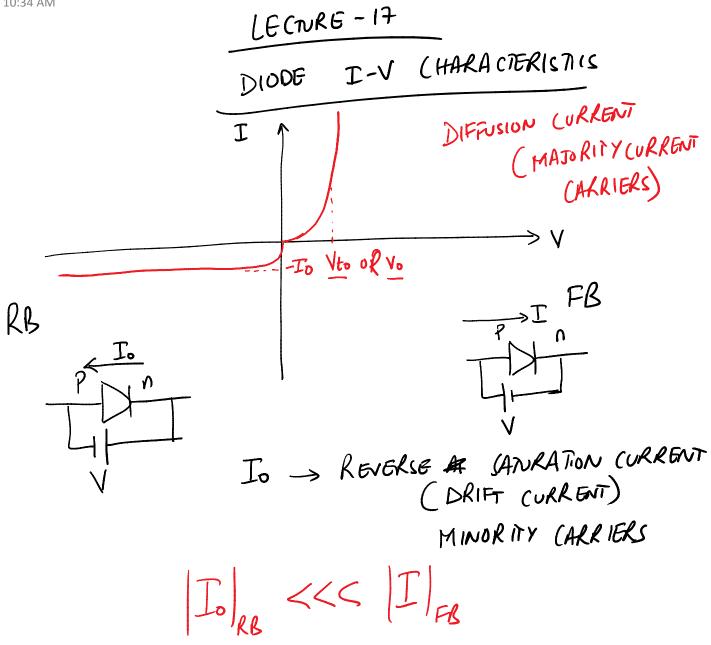
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$$\frac{DIODE EBVATION}{I = I_{o} \left(e^{qv/kT} - I \right)} NON-LWEAR$$

$$I = I_{o} \left(e^{qv/kT} - I \right)$$

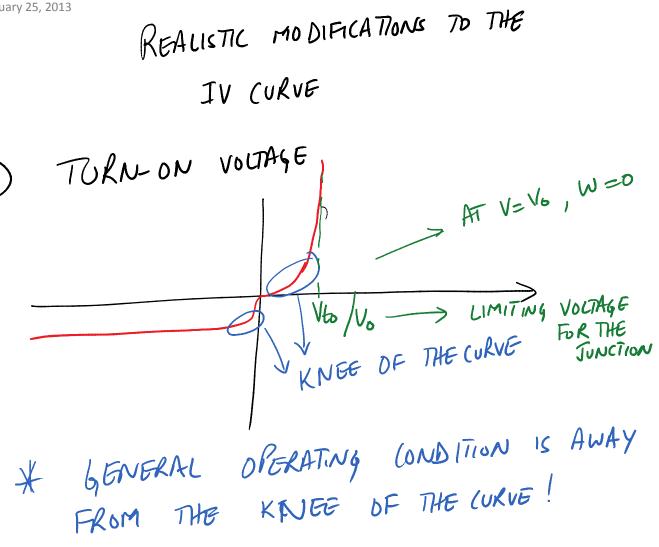
$$I \rightarrow (URRENT THROUGH DIODE$$

$$V \rightarrow VOLTAGE ACROSS DIODE$$

$$\frac{APPROXIMATIONS}{I \approx I_{o} \left(e^{qv/kT} \right)} NON LINEAR$$

$$RB \qquad V << O$$

$$I \approx -I_{o}$$



Friday, January 25, 2013 10:49 AM

