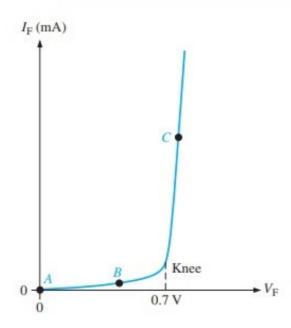


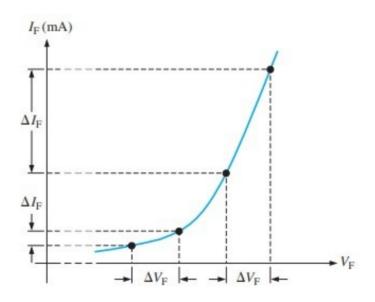
Lecture Contents

- Characteristics of a Diode
- Diode Applications
 - Rectifier (AC to DC)

Relationship of voltage and current in a forward-biased diode



a). V-I characteristic curve for forward bias. www.TheEngineeringKnowledge.com



b). Expanded view of a portion of the curve in part (a). The dynamic resistance r'_d decreases as you move up the curve, as indicated by the decrease in the value of $\Delta VF/\Delta IF$.

