ENEE236

Analog Electronics

T2 Semiconductor Diodes

Instructor: Nasser Ismail

Diode Operating Conditions

A diode has three operating conditions:

- 1) No bias
- 2) Reverse bias
- 3) Forward bias

























































c) using nonlinear mathematic

 $I_{DQ} = 12.137 \ mA$ $V_{DO} = 0.7863 \ V$

















