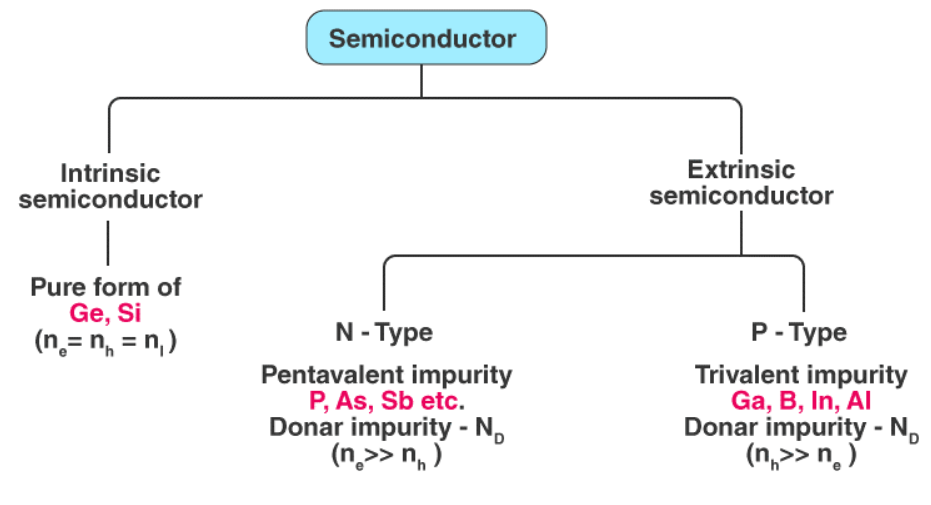
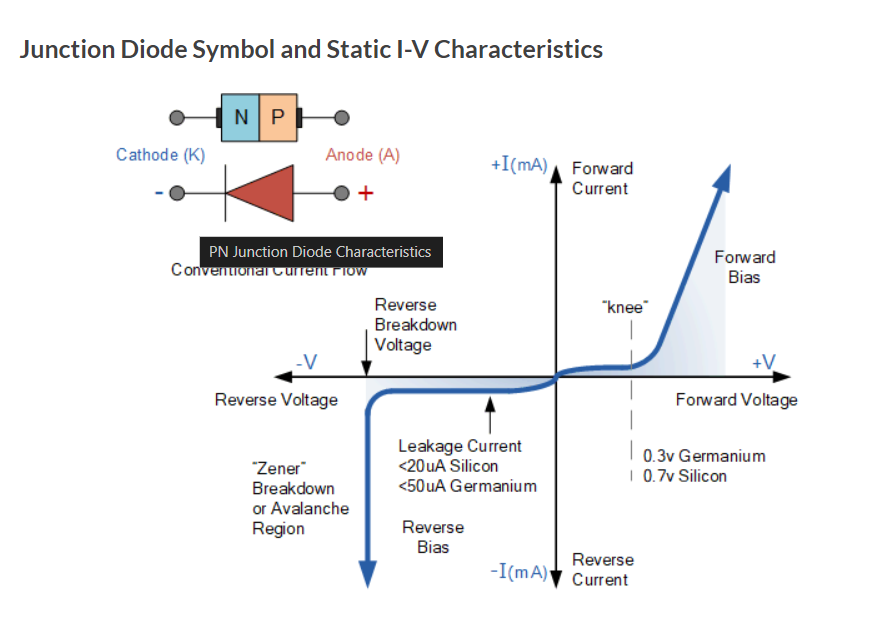
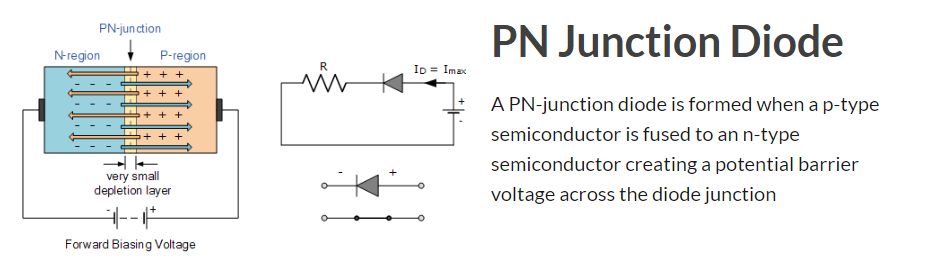
BEE U-1,2&3 Diagrams and Circuits

# write notes on classification of semiconductors

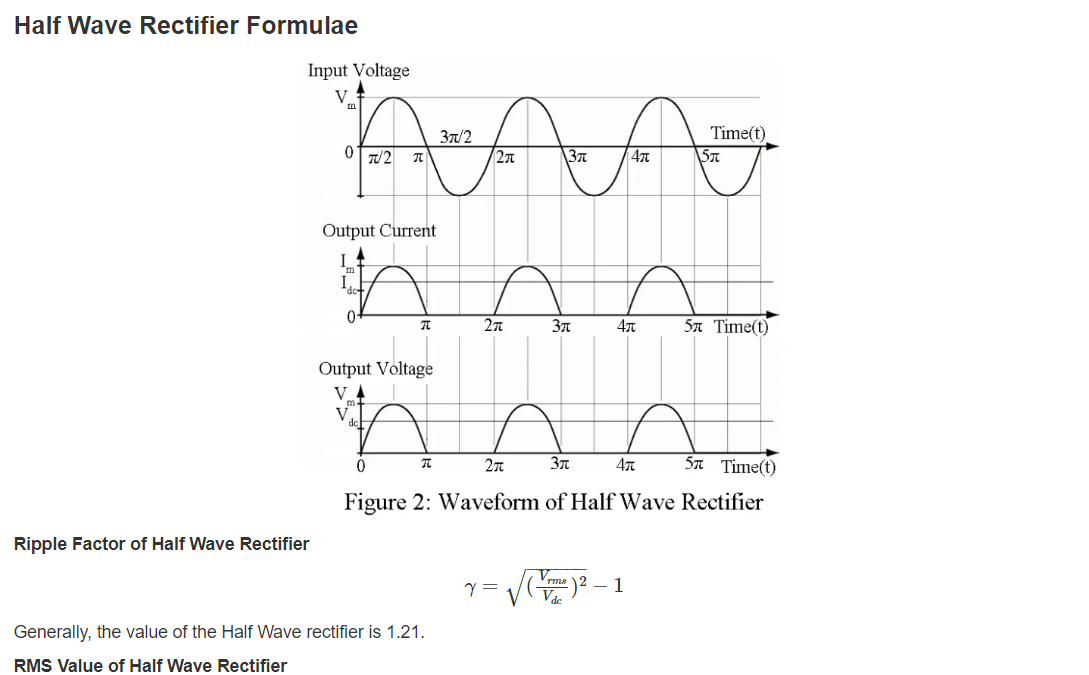


# With neat Sketch compose the construction Its operations of PN Junction diode and also explain VI characteristics of P-N Junction diode:

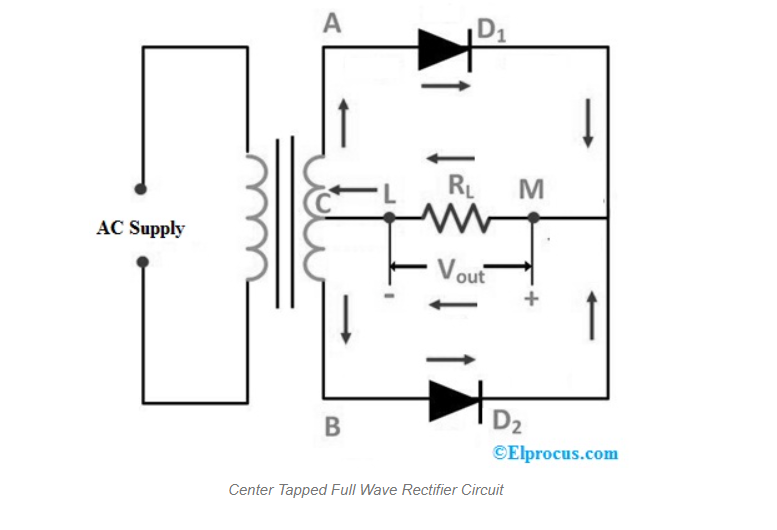


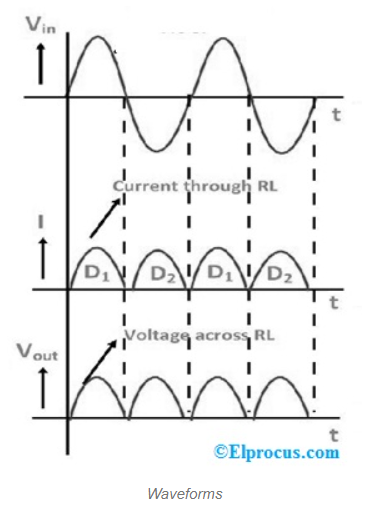
## Explain with neat diagram and waveforms, working of the half-way rectifier?

## 

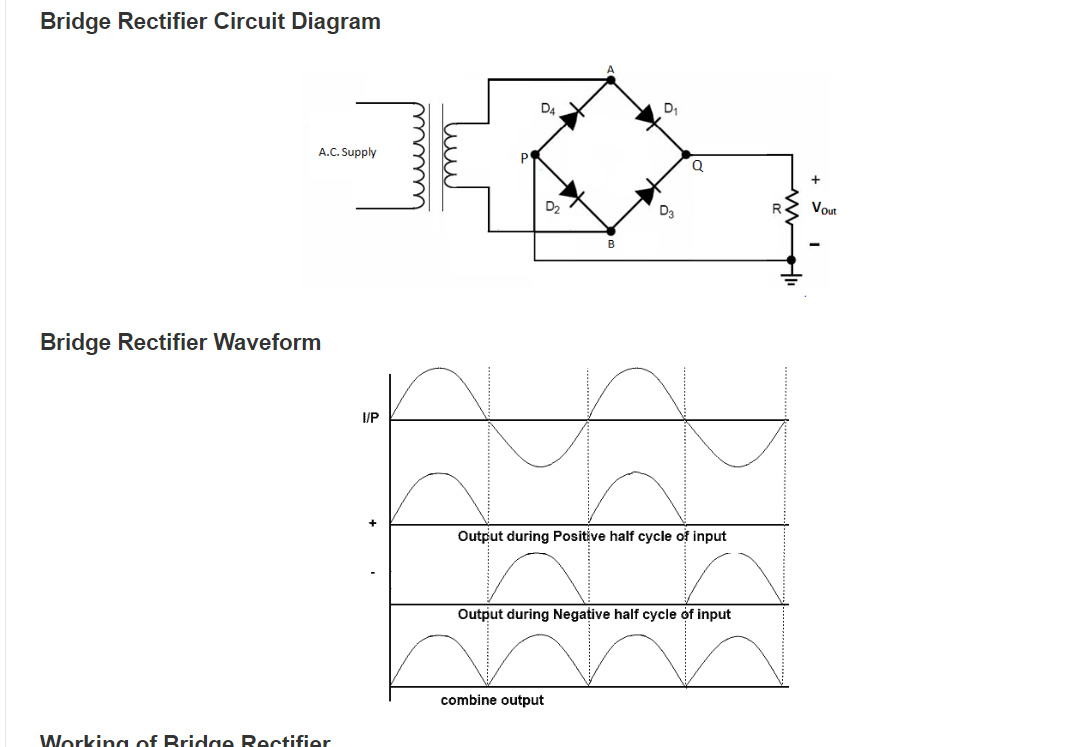


# Explain with need diagram and waveforms, working of full wave rectifier?

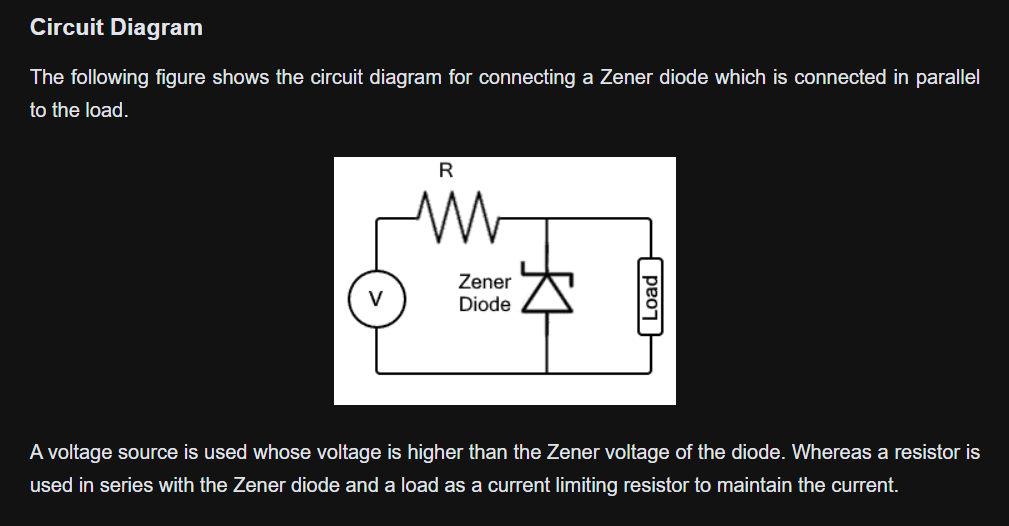


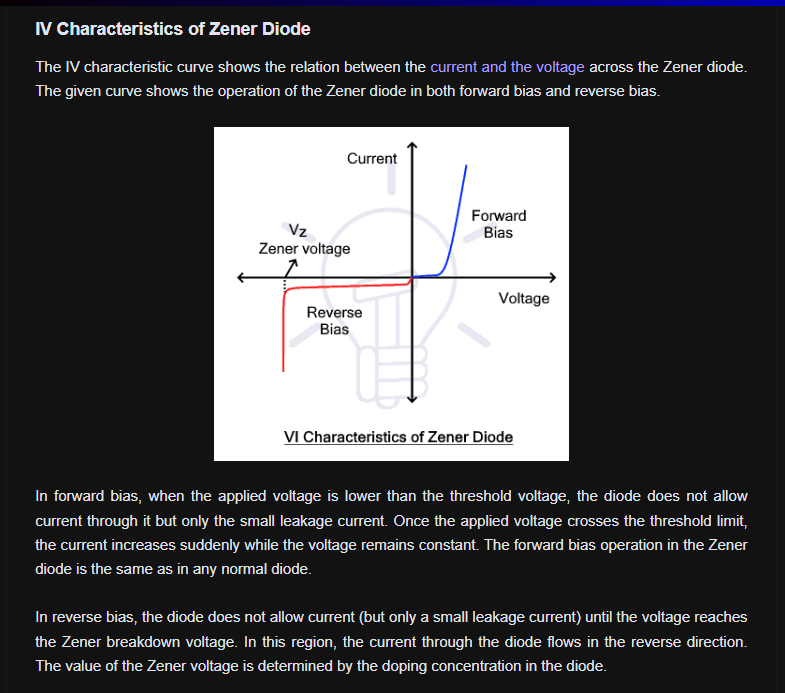


# Explain with neat diagram and waveforms, working on bridge rectifier?

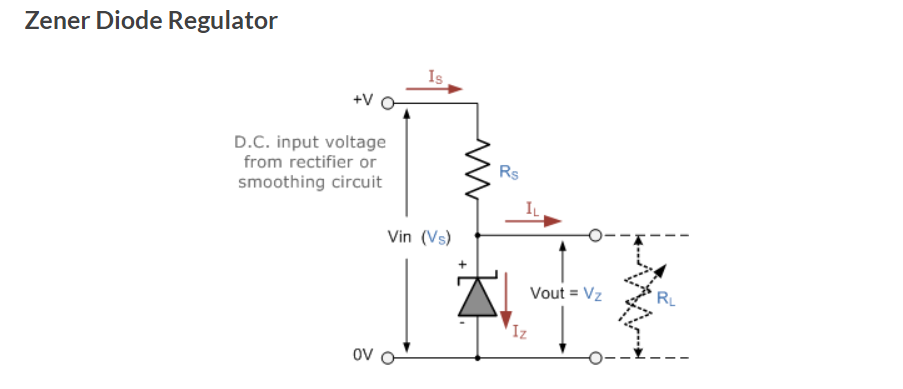


# Zener Diode with neat diagram and VI characteristics

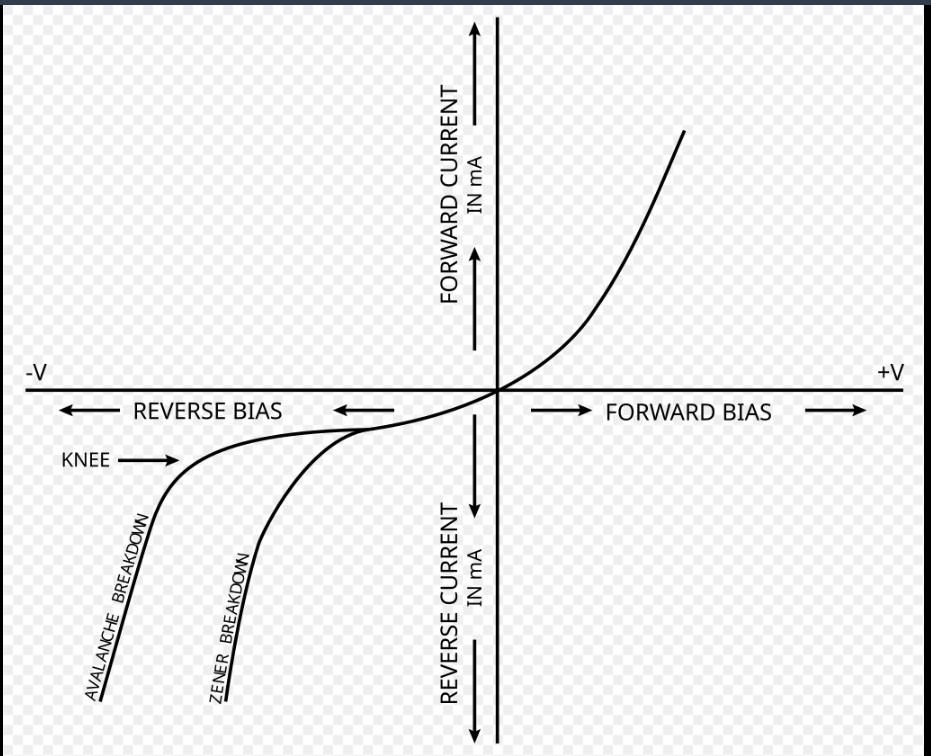




# Explain how Zener Diode can be used as voltage regulator?



# differentiate between Zener and avalanche breakdown?



# differentiate between PN Junction diode and zener diode?