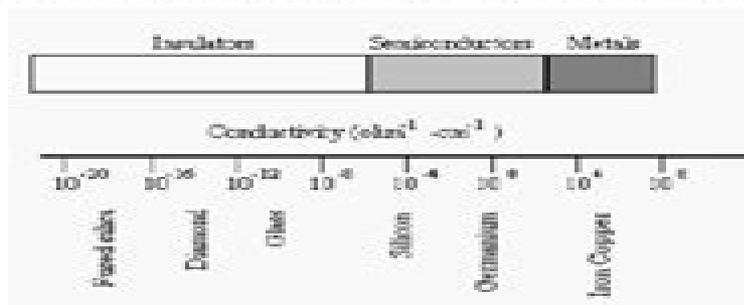


ECE1007 - Optoelectronics

Dr. Usha Kiran K

Semiconductor

Insulator < Material-Conductivity < Metal



The conductivity can be varied by

Optoelectronics

- Electronic devices which involves interaction with light
- Example: LED

-Emission
-Absorption

- *Focusses on the physics of the interaction of photons with semiconductor materials.*
- Semiconductors absorb/emit

Compound Semiconductors 2002

David Kirk



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