Determination Of The Energy Gap

In Semiconductors

= PAD ANTONIO EMILIAN =

Summery:

The aim of the Caboratory:

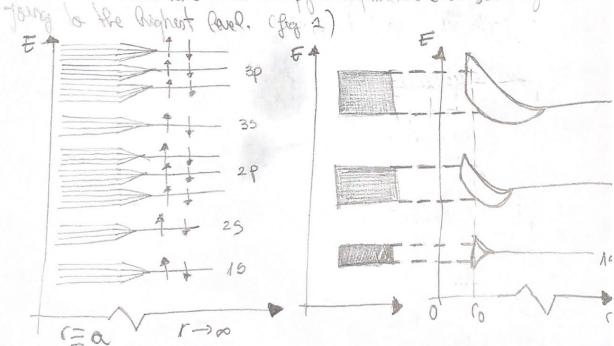
semicanductor furction of temperature and to determine the energy gap for a given semicanductor.

- at the room temperature, somicalistops proint on efectival conductivity between 100 - 102 (12 cm)-12 they are very important in technology

-) These simirarchectors are esontial in makern donnes , like phones of ord more.

- the electron organists can only have values within partied boards, separated by energy gaps of Raibiddon values.

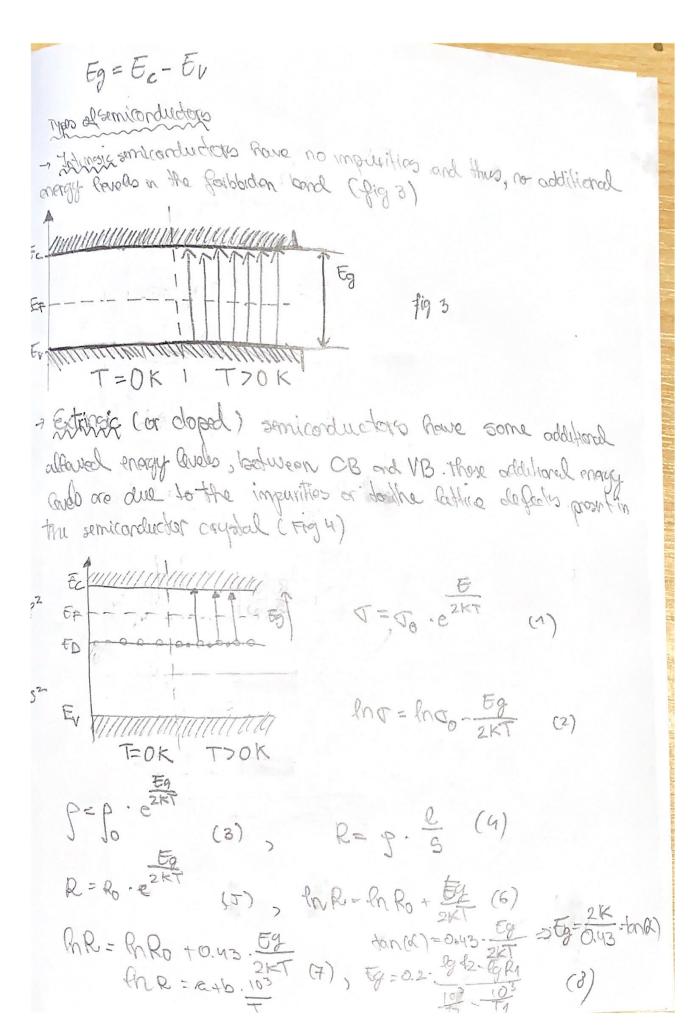
The ok the edditions will occupy the printed Bandstorting Con



= tg = 0 of the solid is a conductor

= tg = 2 eV of the substance is a sentenductor

= tg > 2 eV for an touldtor



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