

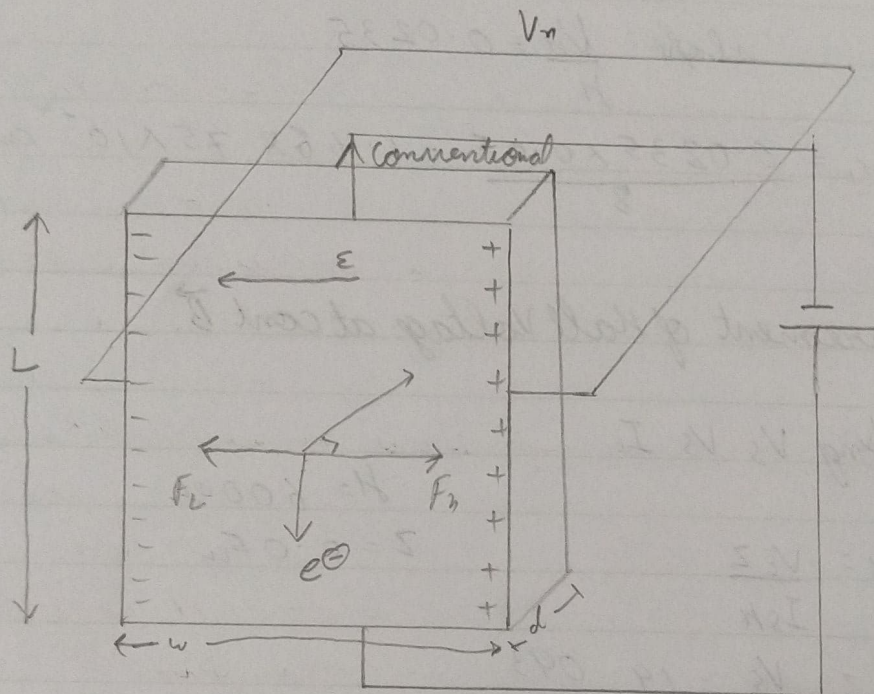
Nishant

EXPERIMENT - 7

Aim: To estimate the hall coefficient, carrier conc. and their mobility in Ge crystal using Hall effect

APPARATUS: Hall effect set up a) Hall probe b) Hall probe (In As), Digital milliammeter, const. current power supply, electromagnet, EMV - 75, Gauss meter, $C, M = 10^6$

DIAGRAM:



Hall effect