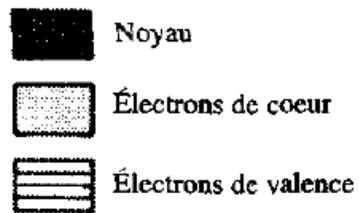
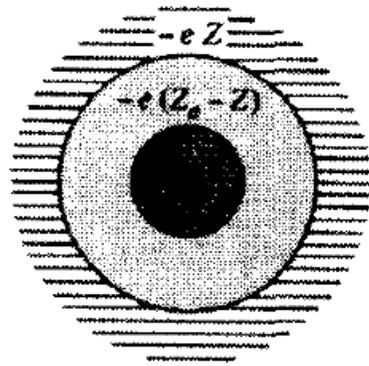


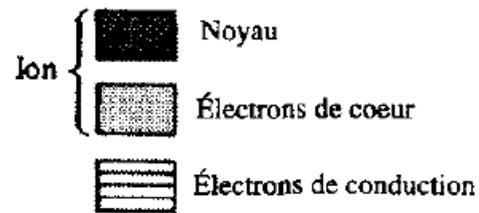
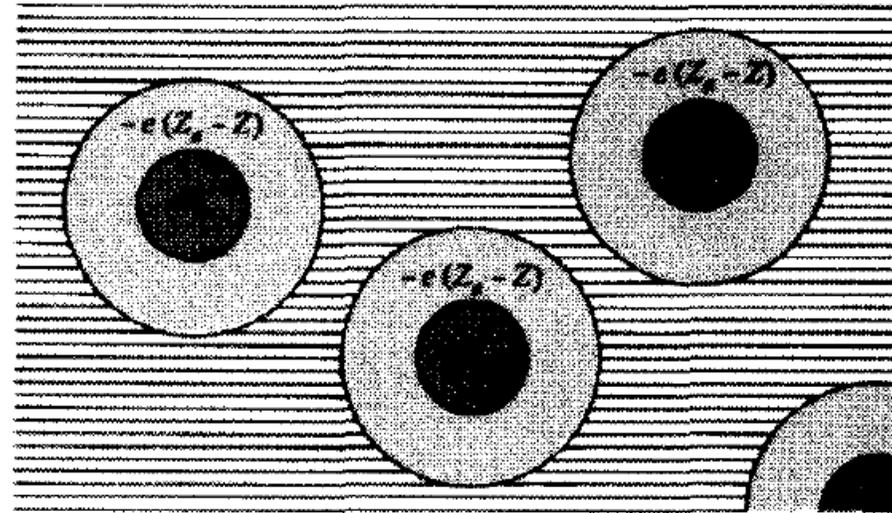
L.P. 47 – Mécanismes de la conduction électrique dans les solides

Marchetti Benjamin

1. Le modèle de Drude Hypothèse



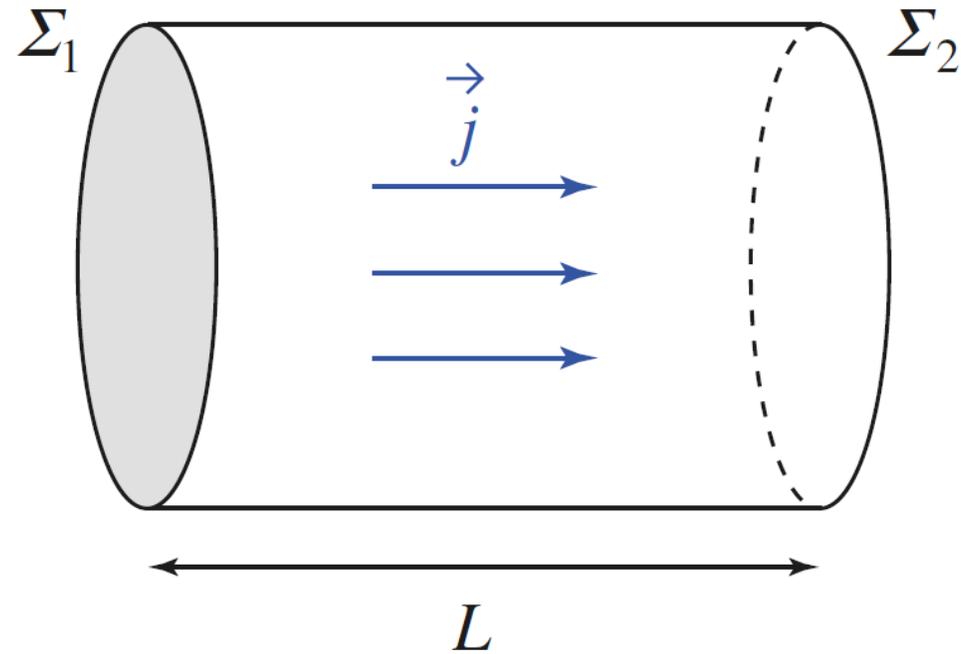
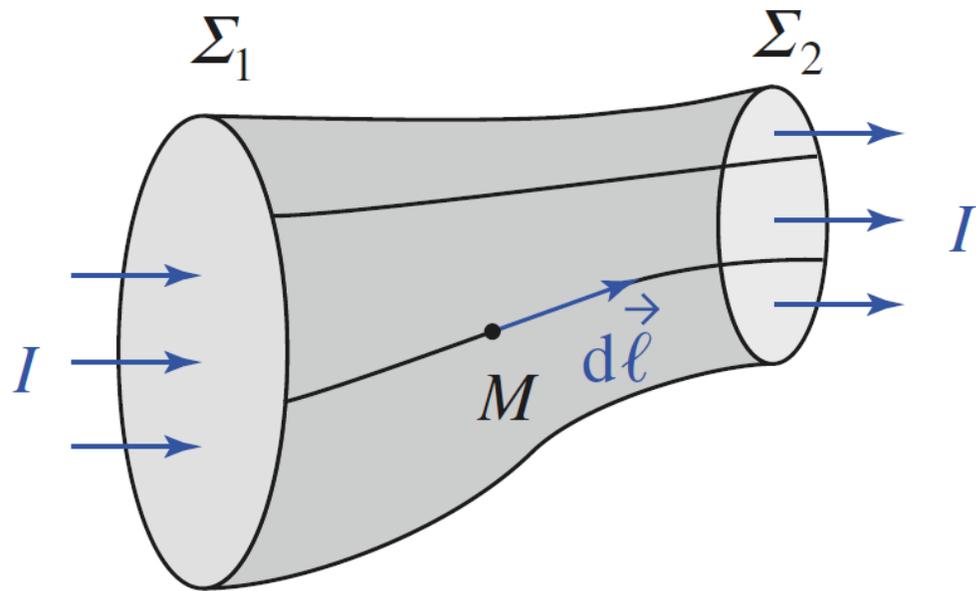
(a)



(b)

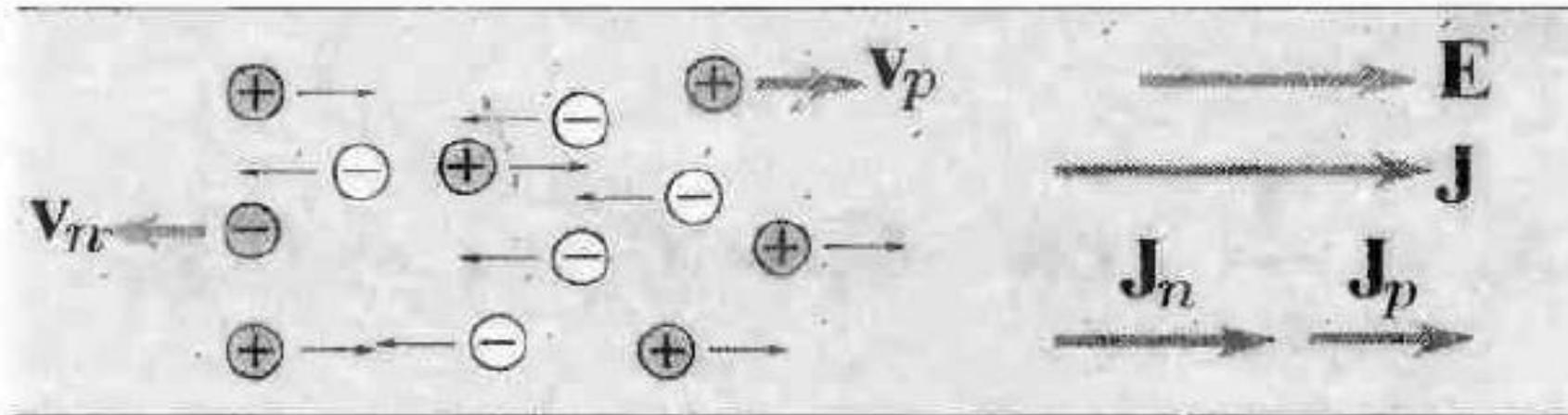
1. Le modèle de Drude

Loi d'Ohm intégrale

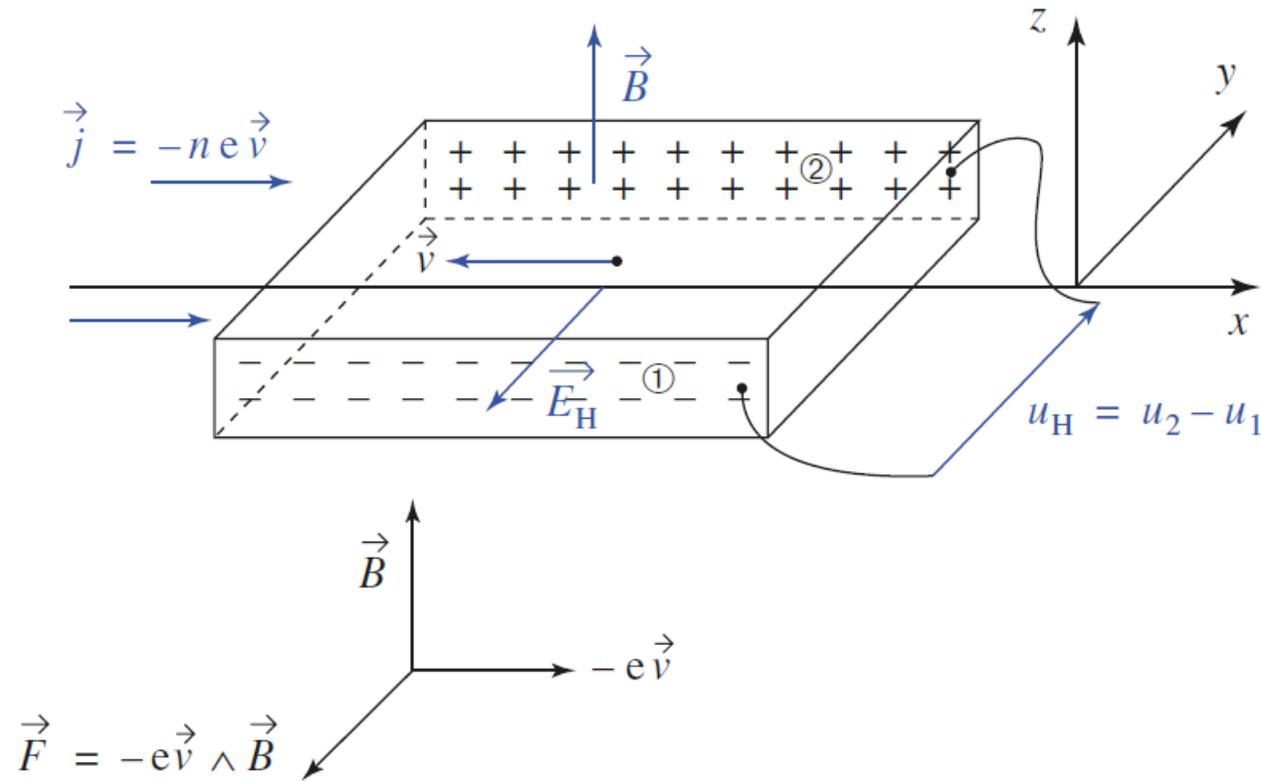


1. Le modèle de Drude

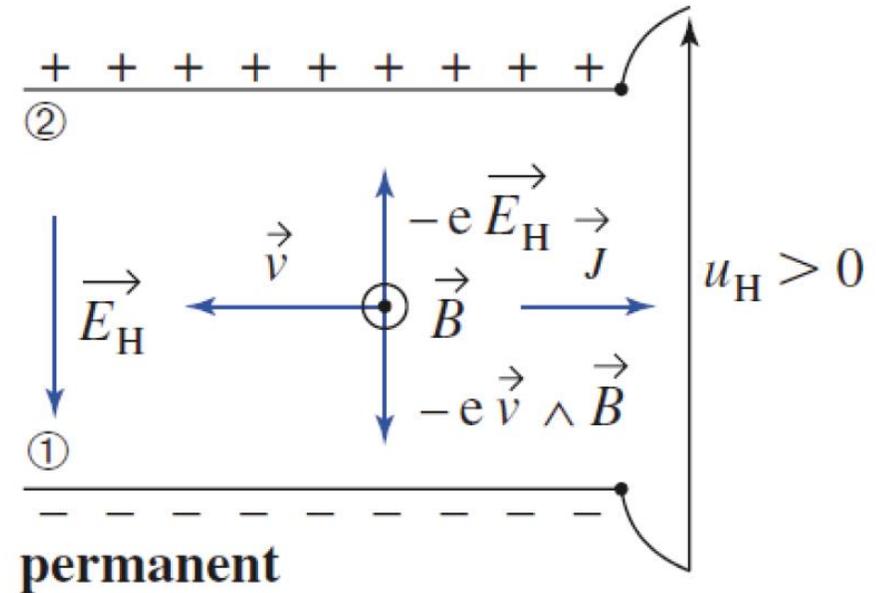
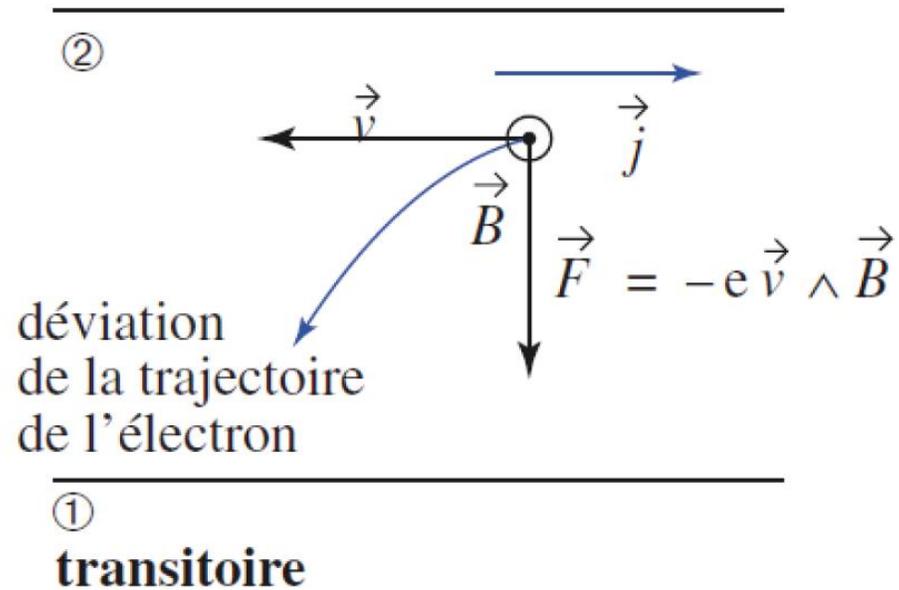
Semi-conducteurs et isolants



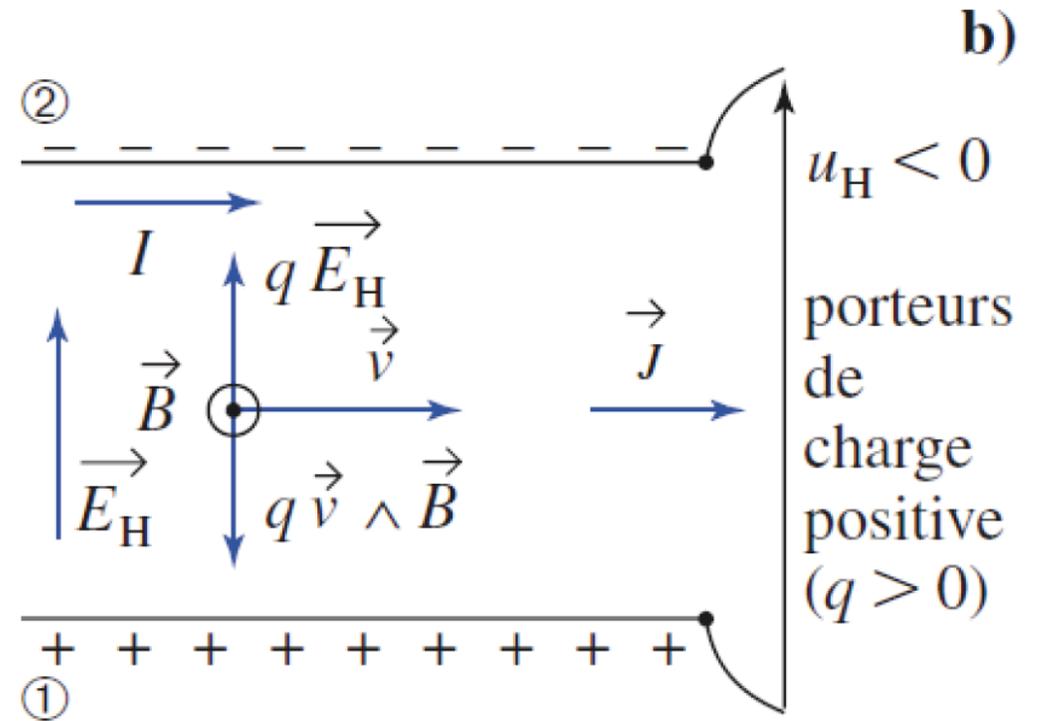
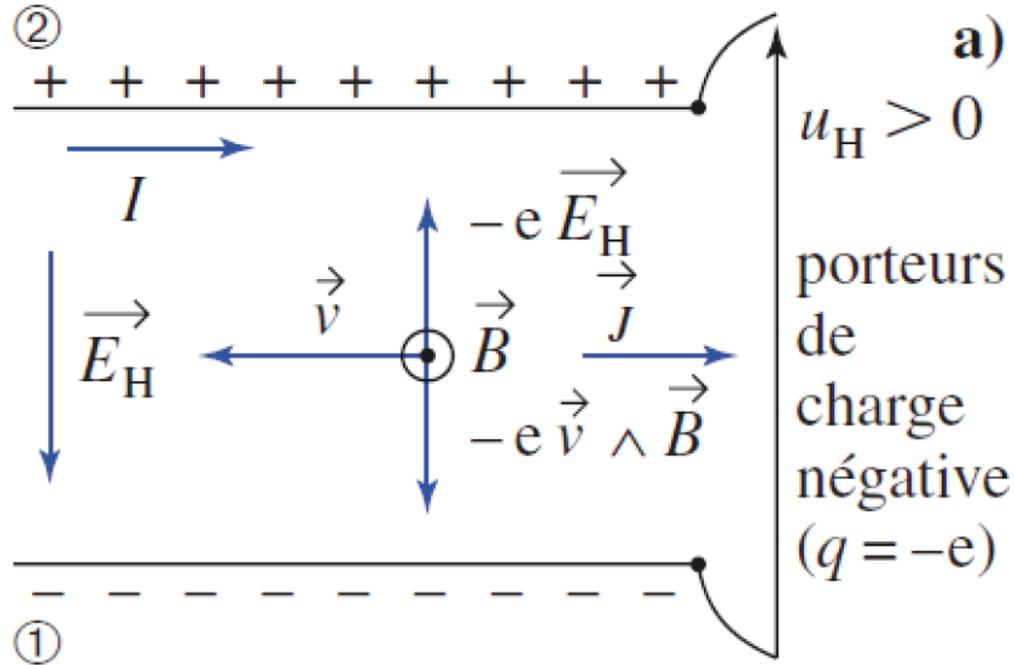
2. Application à la mesure de champ : effet Hall Présentation de l'effet Hall



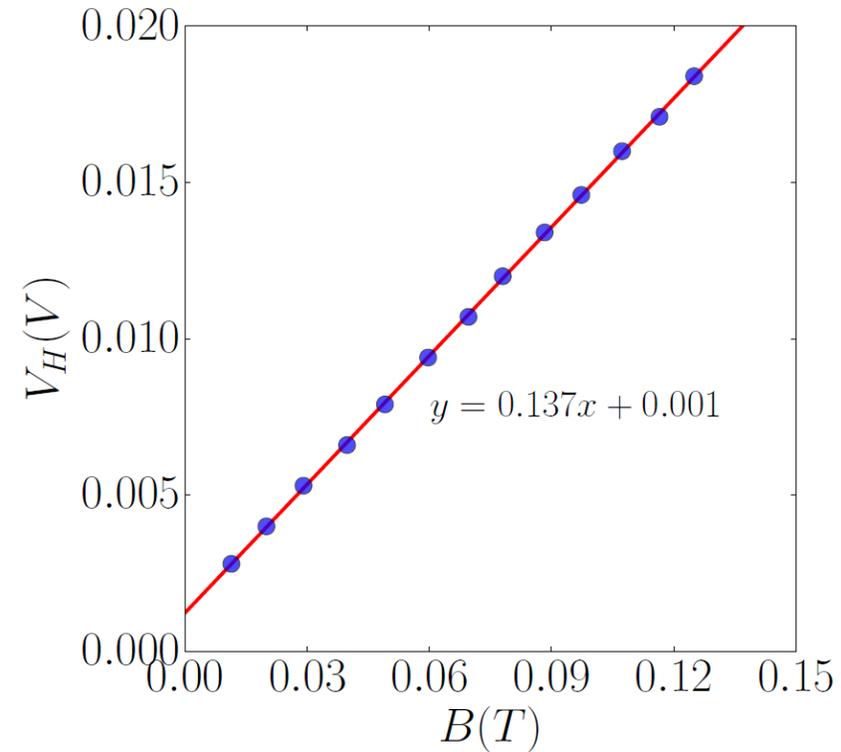
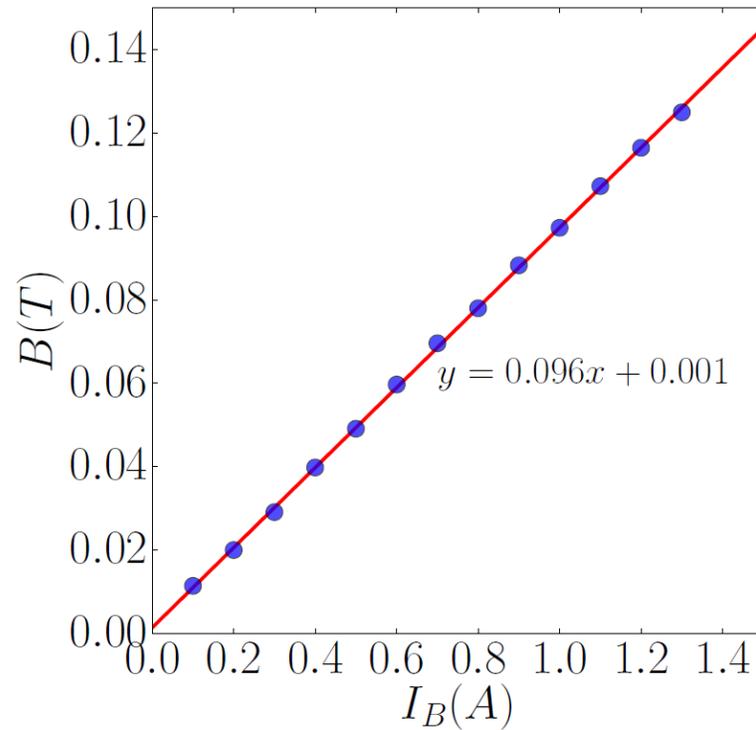
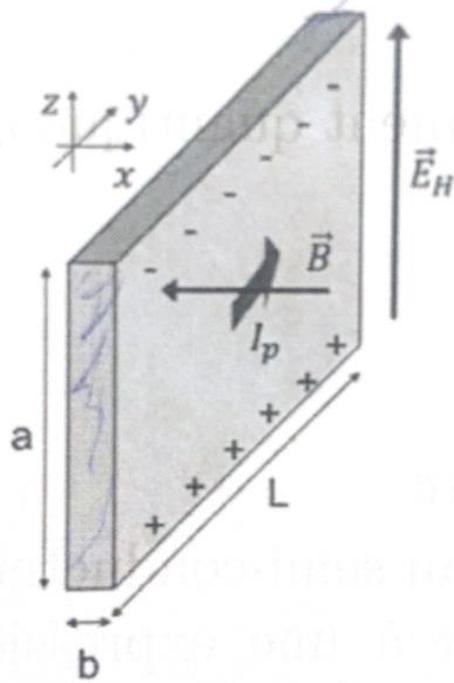
2. Application à la mesure de champ : effet Hall Présentation de l'effet Hall



2. Application à la mesure de champ : effet Hall Tension de Hall

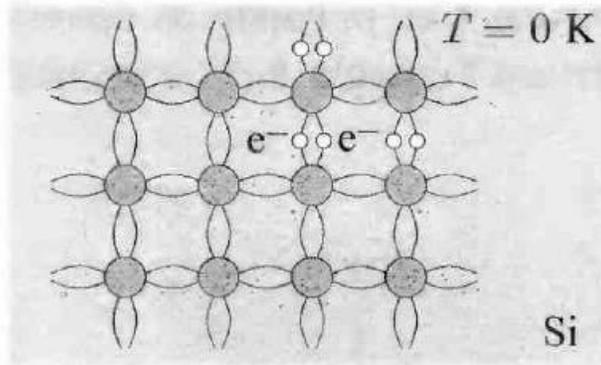


2. Application à la mesure de champ : effet Hall Expérimentation

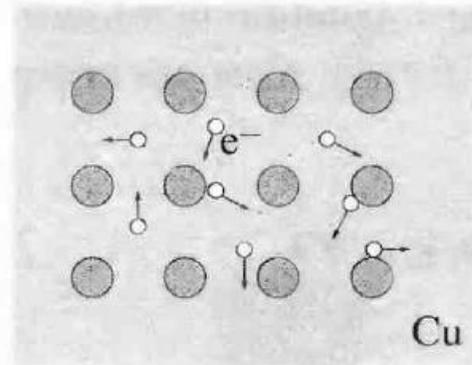


3. Limites du modèle de Drude

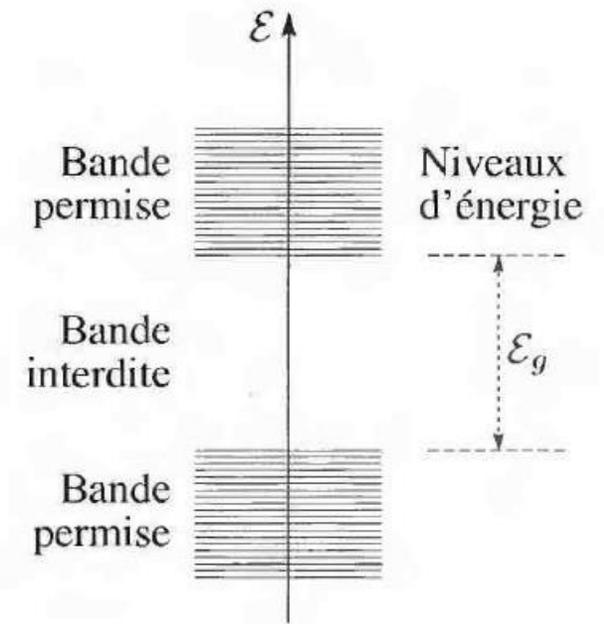
Théorie des bandes



a) Isolant



b) Métal



3. Limites du modèle de Drude

Théorie des bandes

