

Transport and non-equilibrium behaviour in semiconductors

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Part I

Carrier transport phenomena

- 1 Carrier drift
- 2 Carrier diffusion
- 3 Graded impurity distribution
- 4 The Hall effect

Part II

Nonequilibrium excess carriers in semiconductors

- 5 Carrier generation and recombination
- 6 Characteristic of excess carriers
- 7 Ambipolar transport
- 8 Quasi Fermi energy levels