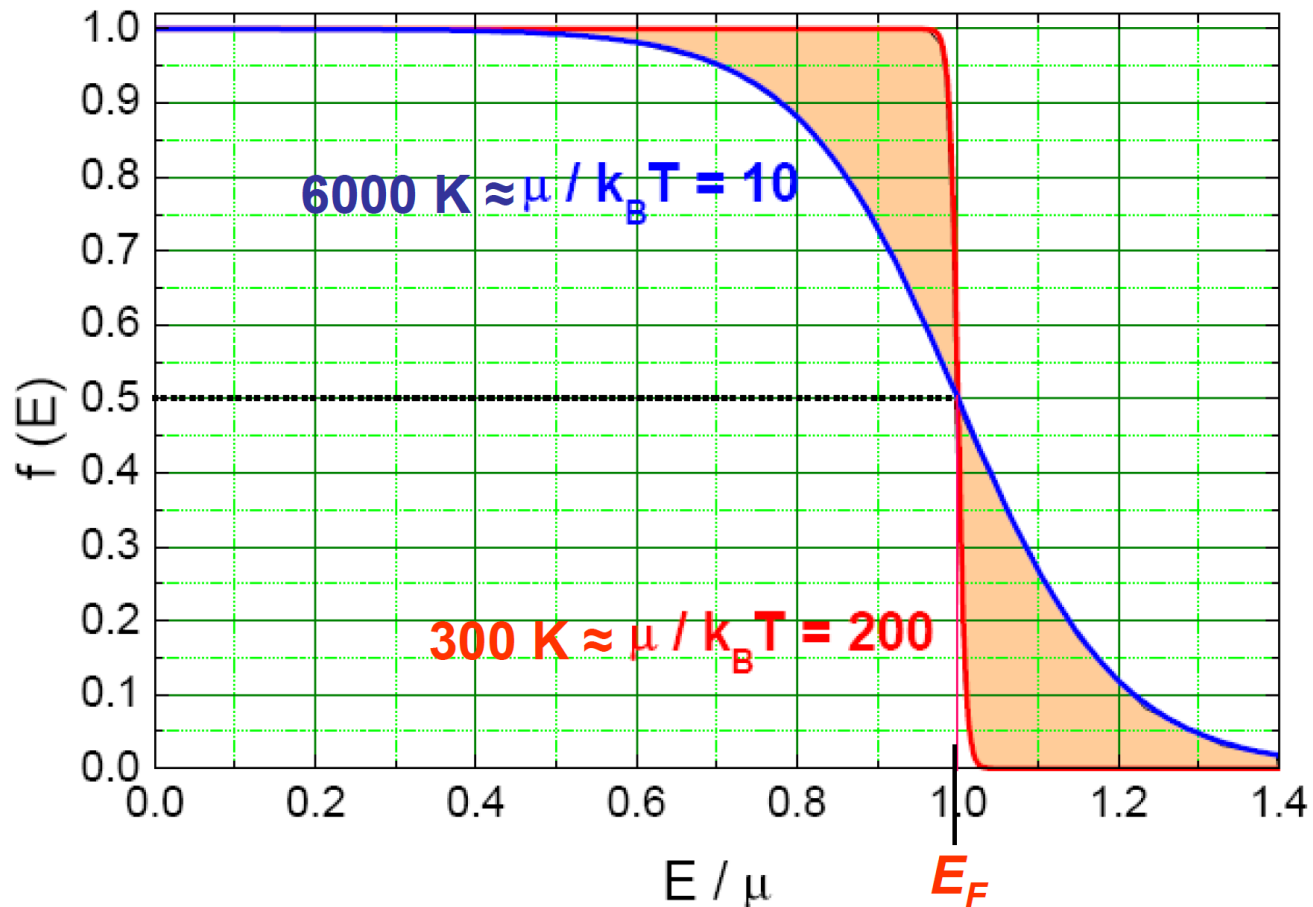
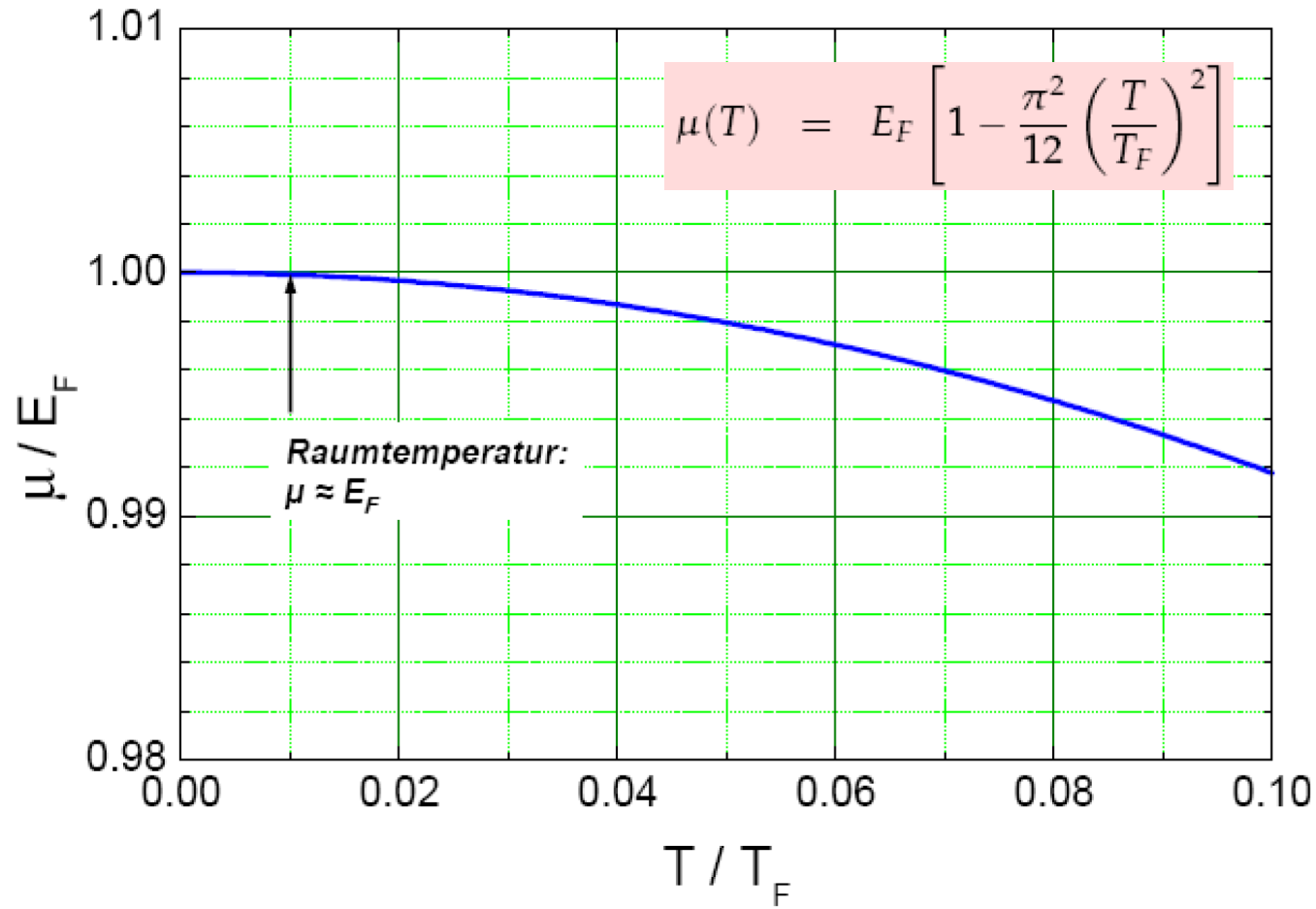


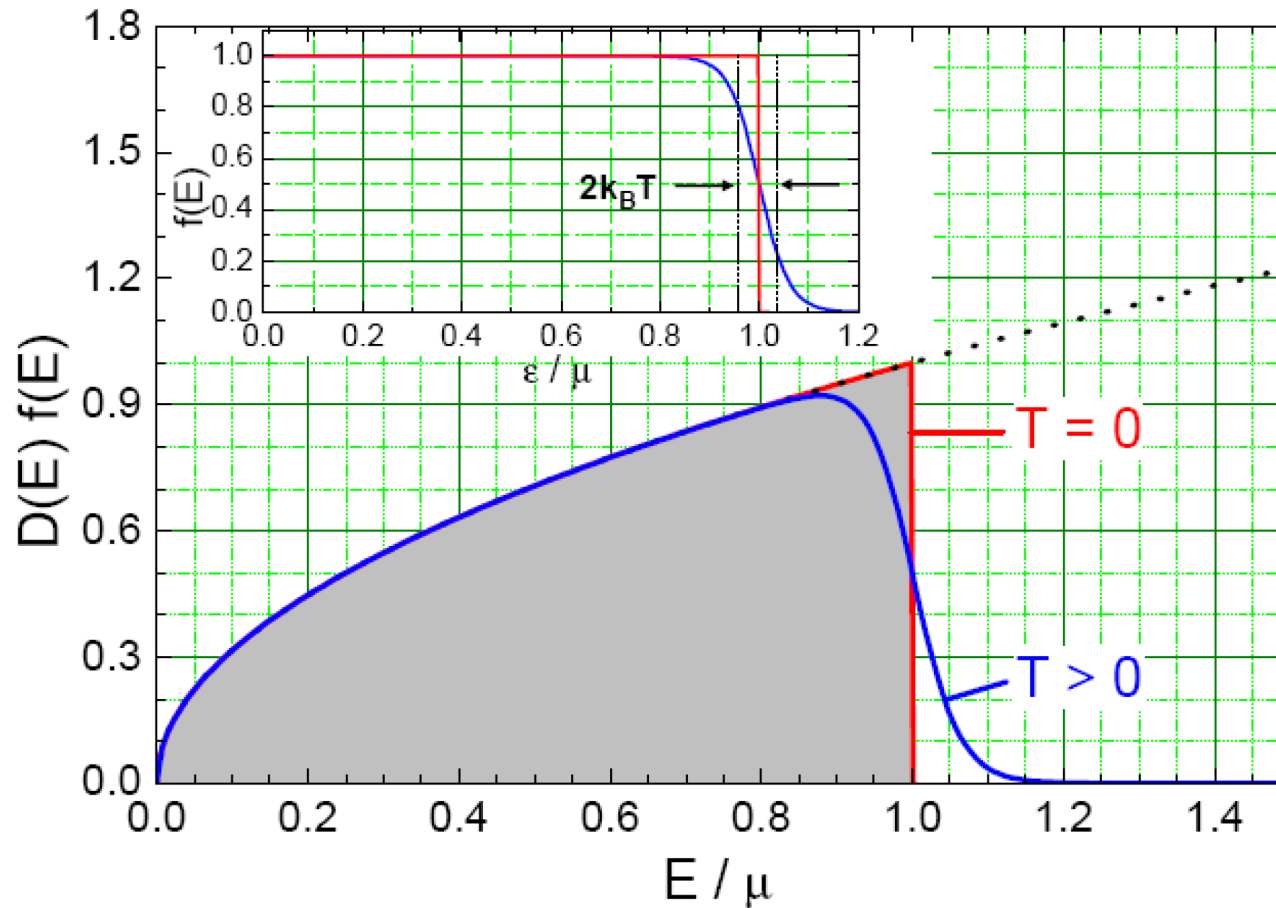
1. Sommerfeld-Modell
2. Fermi-Dirac-Verteilung
3. Zustandsdichte im k - und Energieraum
4. Spezifische Wärme
5. Transporteigenschaften

Fermi-Dirac-Verteilung



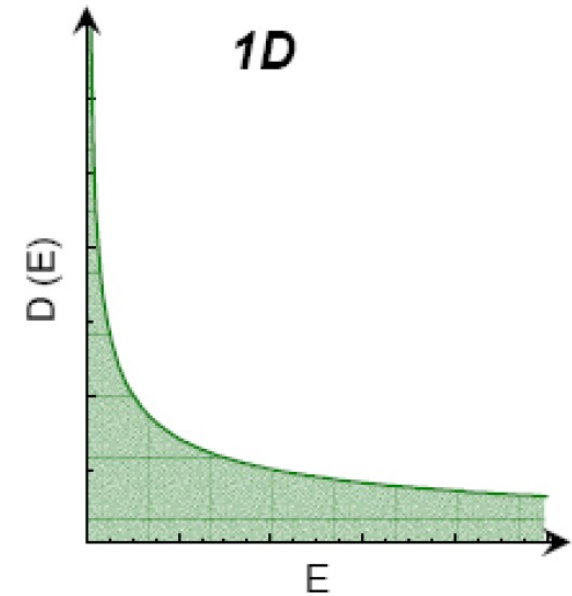
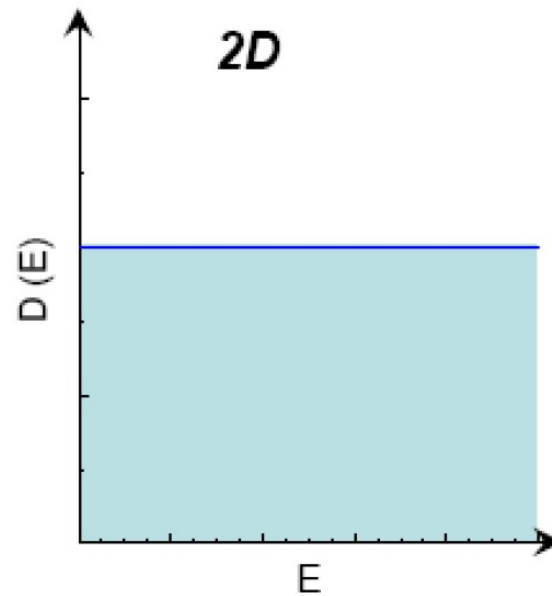
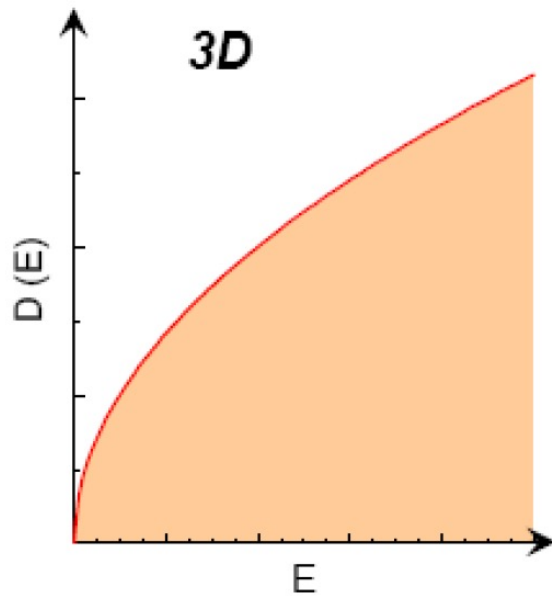


Elektronengas Zustandsdichte 3D



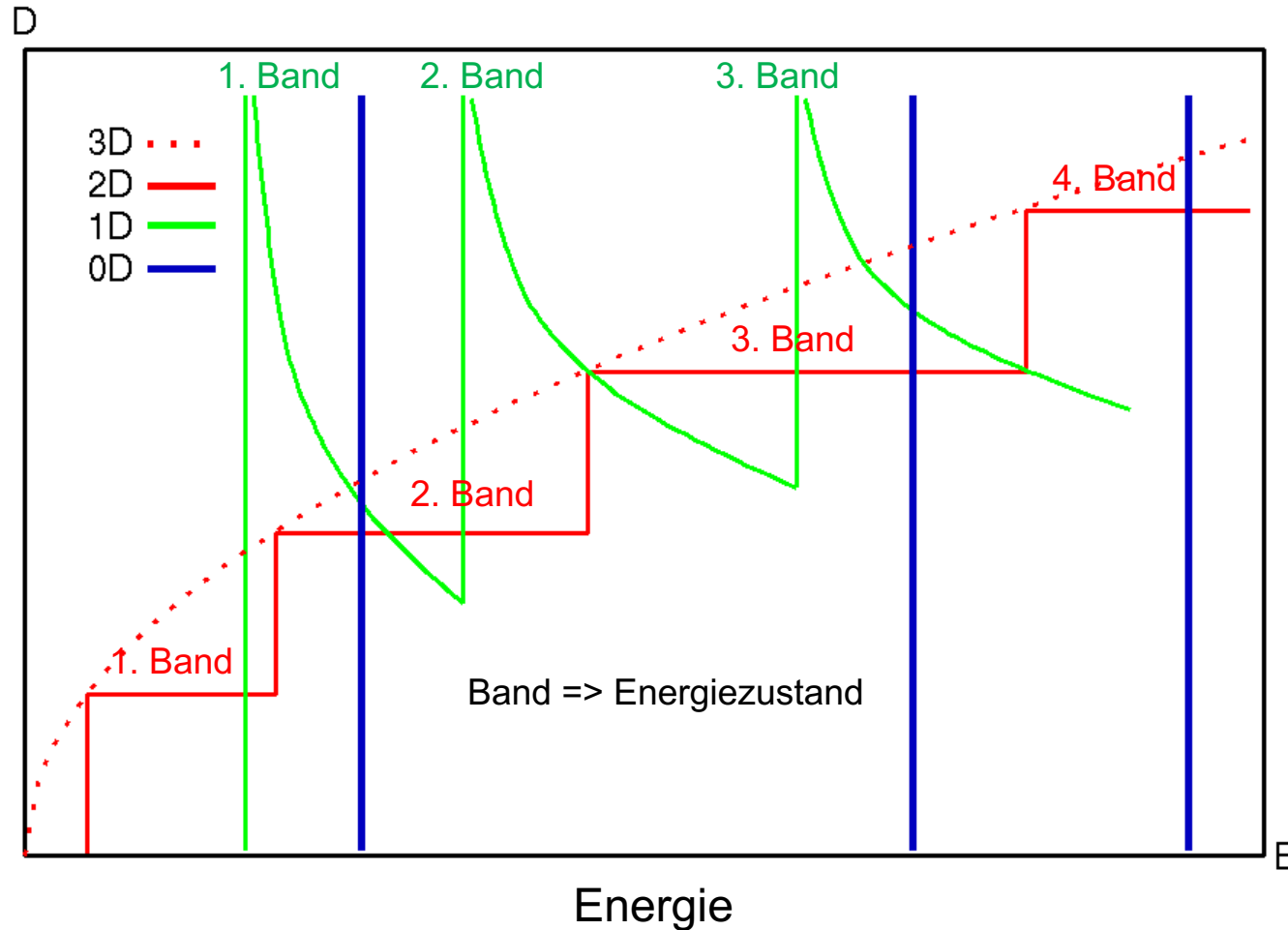
Elektronengas Zustandsdichte

3D, 2D, 1D



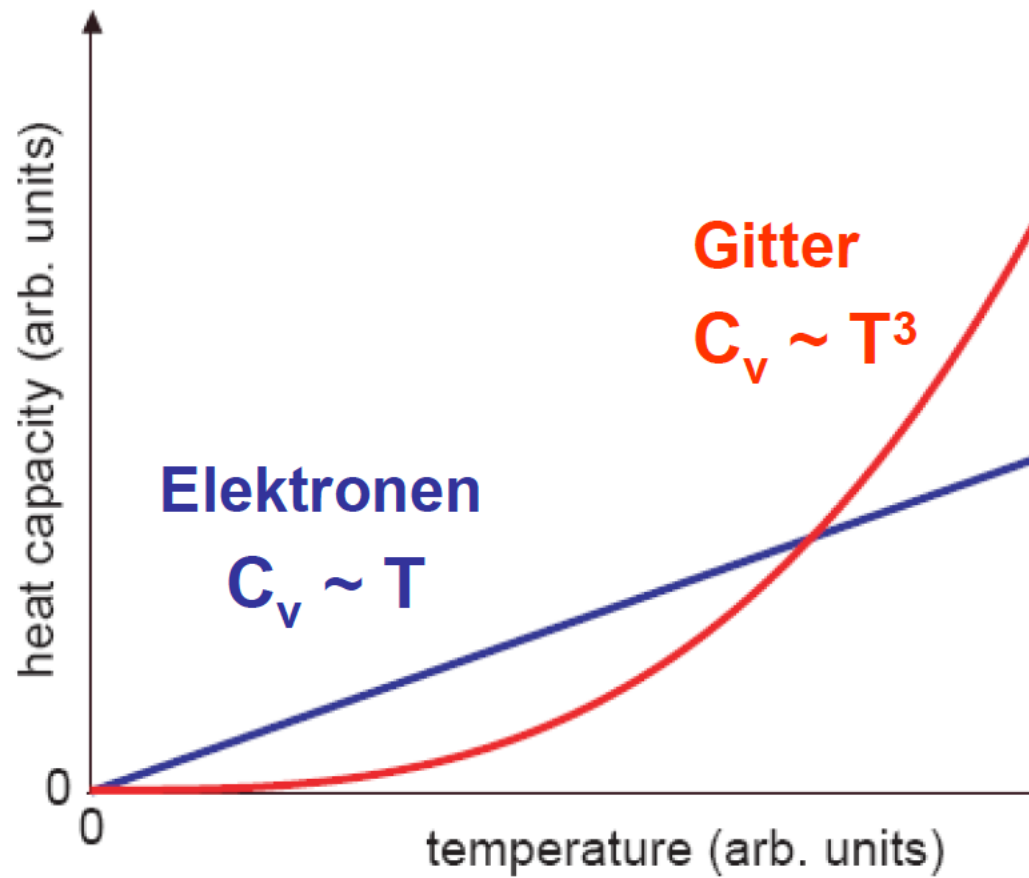
Elektronengas Zustandsdichte

3D, 2D, 1D, 0D



Wikipedia

Spezifische Wärme



Beispiel: Kalium

