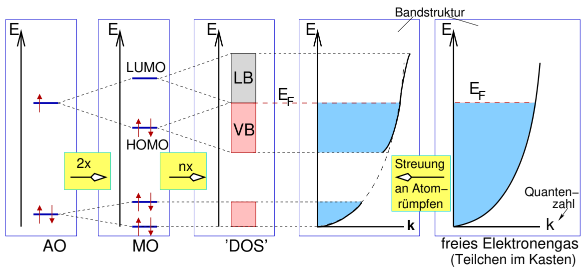
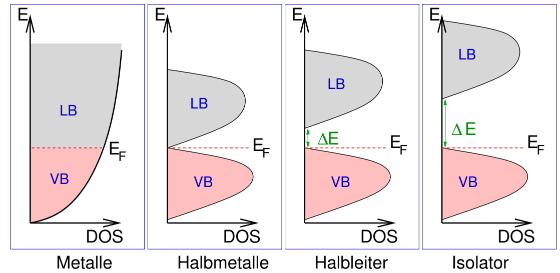
1. Allgemeines, Übersicht

1.2. Chemische Bindung in Metallen

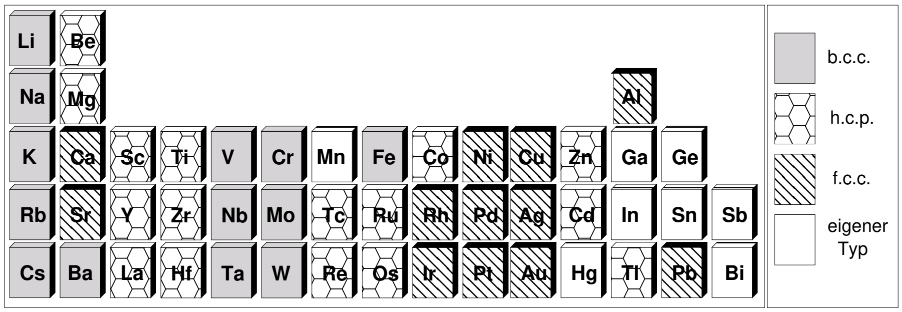


Chemische Bindung in Festkörpern

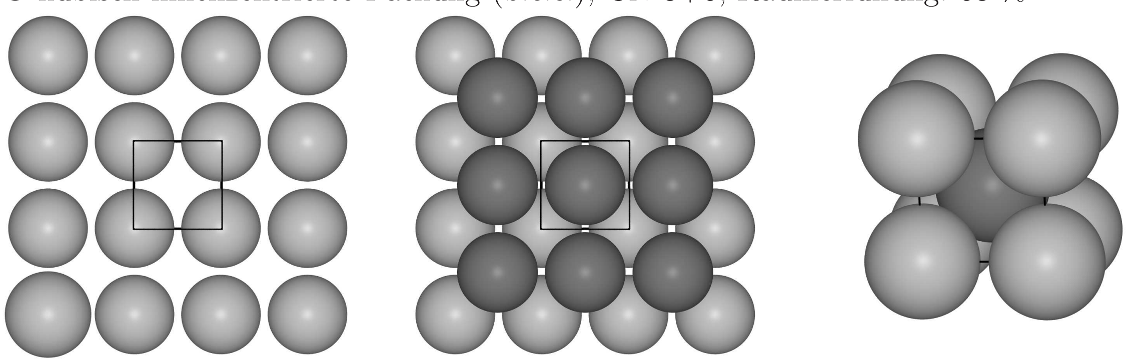


Zustandsdichten verschiedener Festkörper

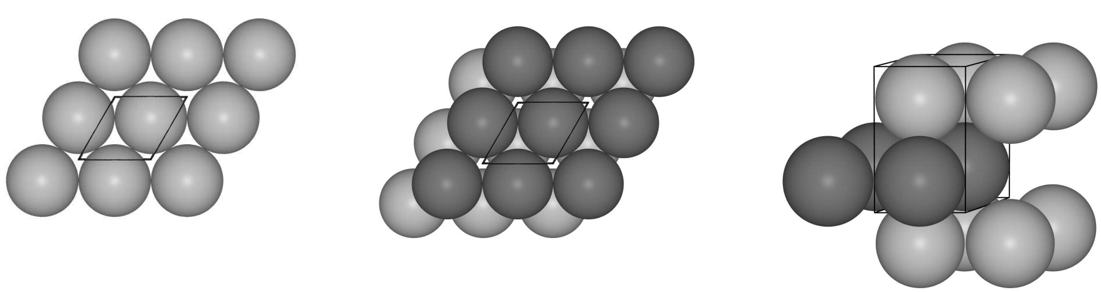
1.3. Strukturen der Metalle



❶ kubisch innenzentrierte Packung (b.c.c.), CN 8+6, Raumerfüllung: 68 %



❷ hexagonal dichte Packung (h.c.p), CN 12 (Antikuboktaeder), Raumerfüllung: 74 %



❸ kubisch dichte Packung (c.c.p=f.c.c.), CN 12 (Kuboktaeder), Raumerfüllung: 74 %