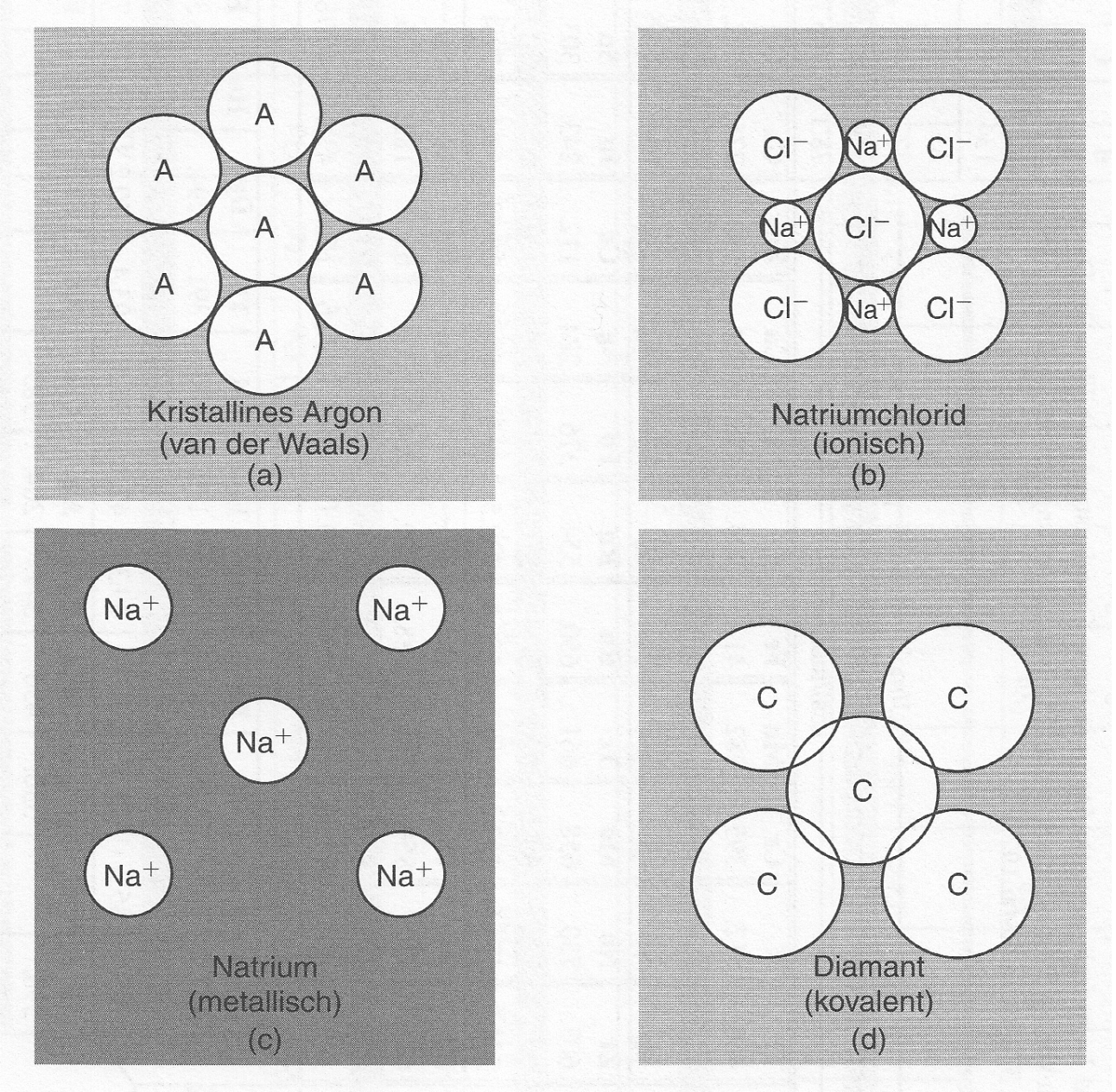
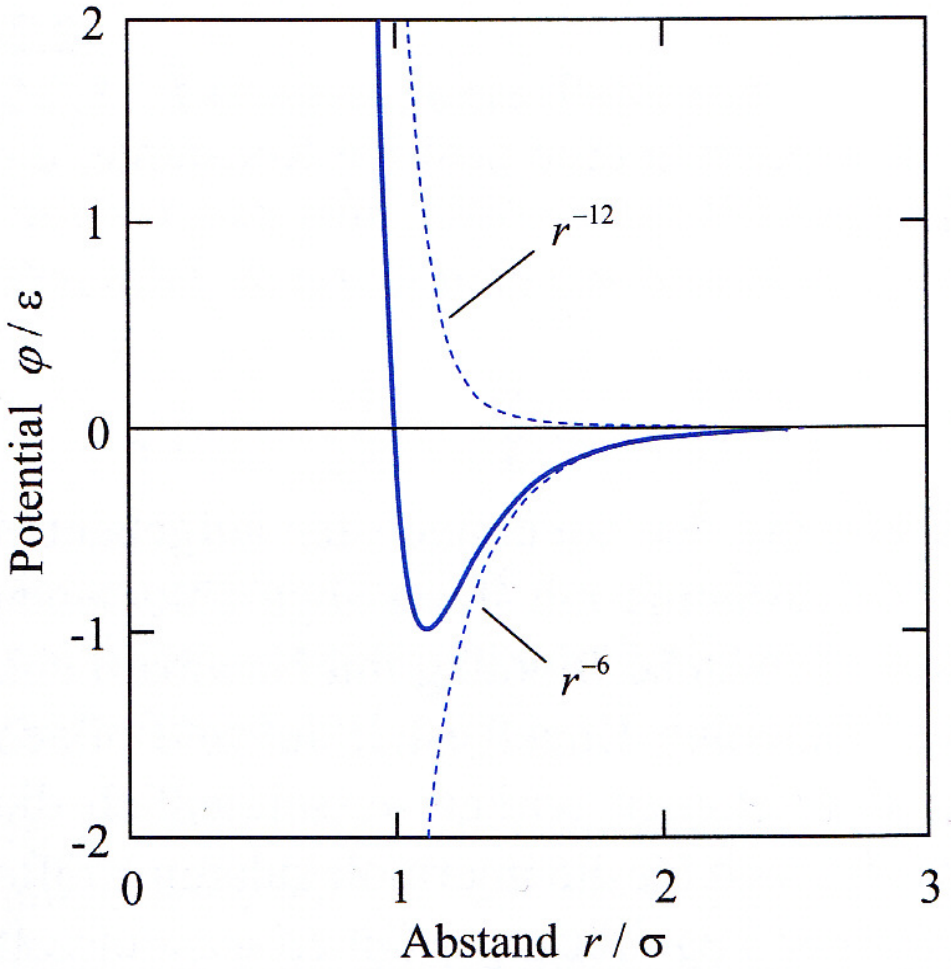
Bindungstypen

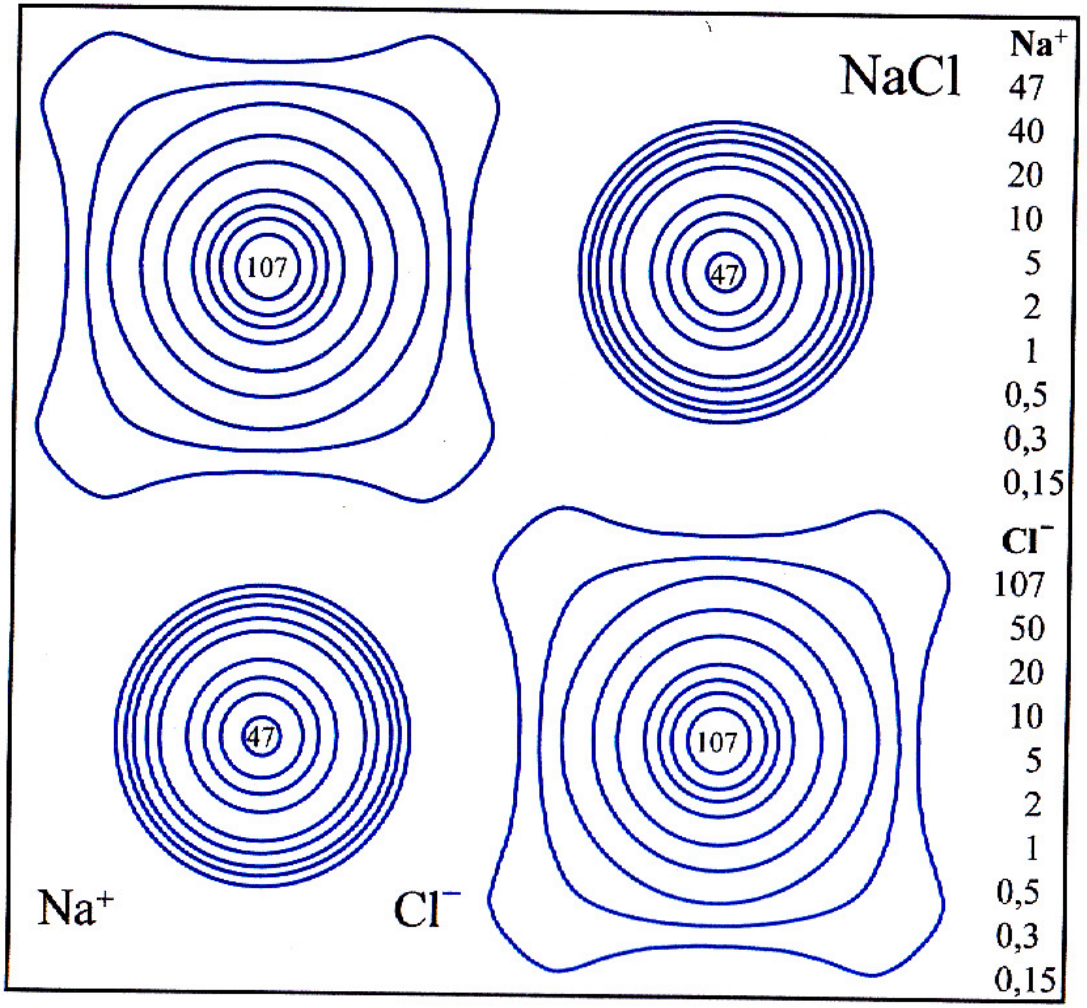


(e) Wasserstoffbrücke A-H···B

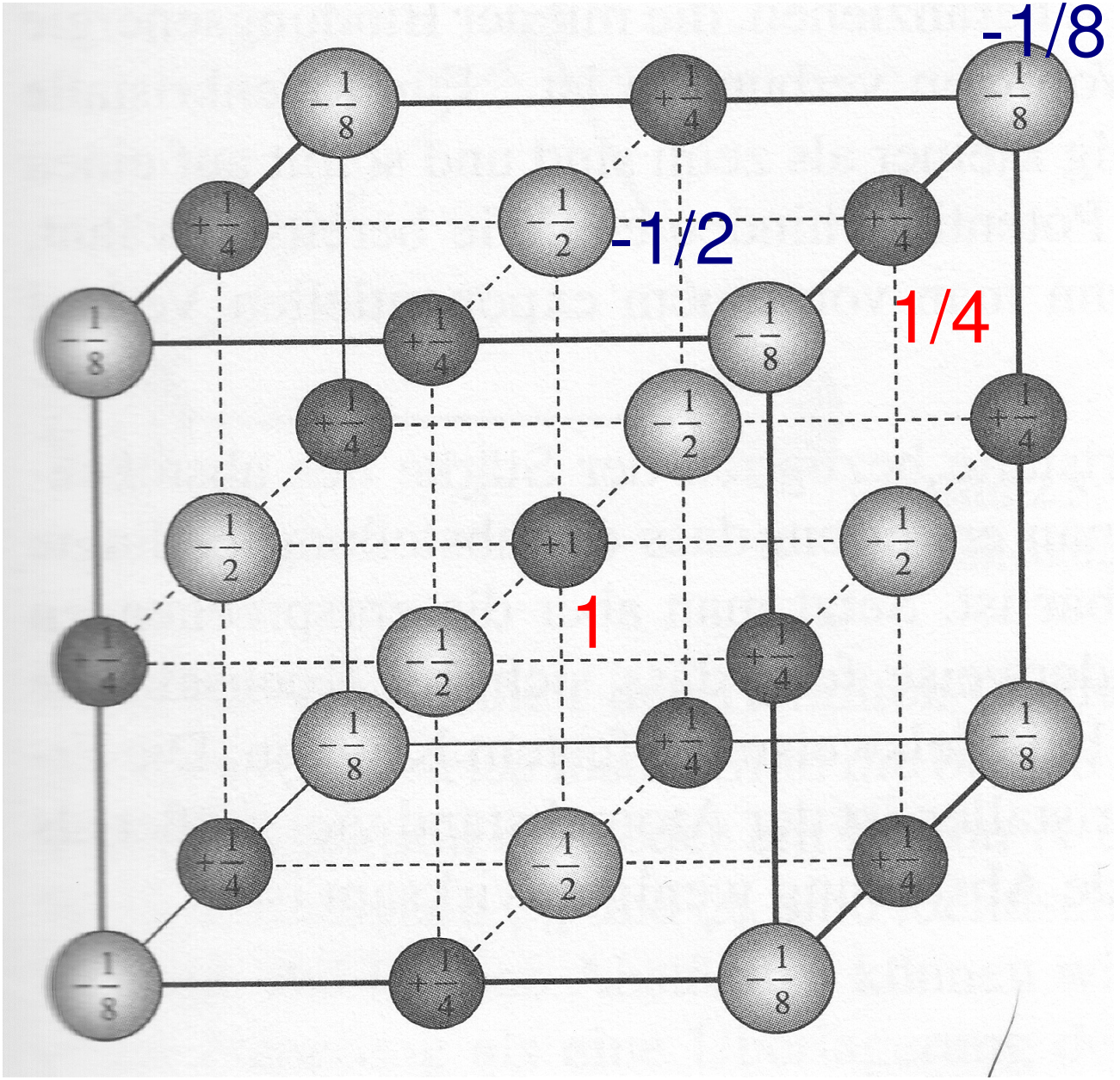
Lennard-Jones-Potential



Elektronenverteilung Kochsalz

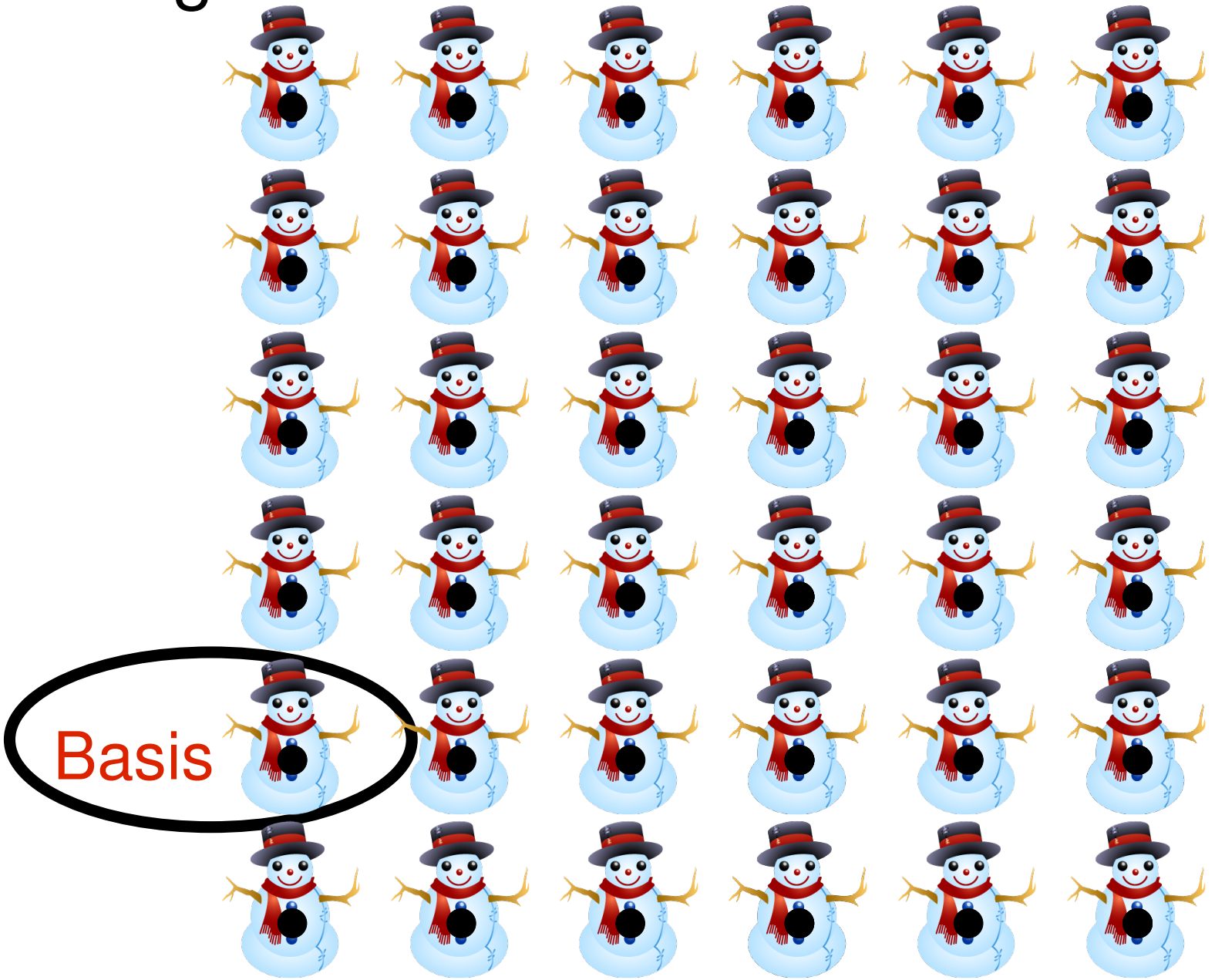


Evjen-Zelle



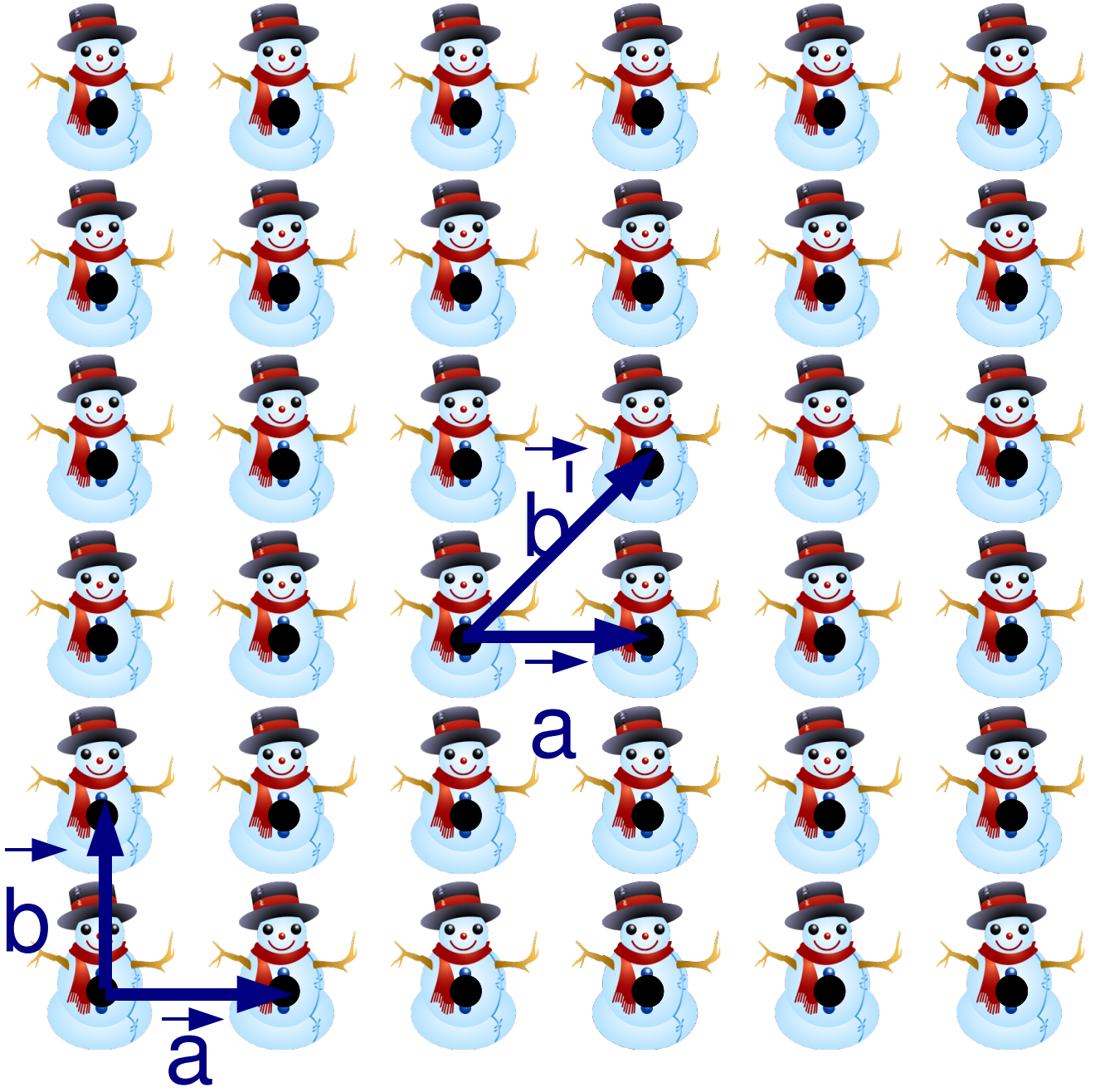
Kristallstruktur

Kristallstruktur: Abstraktion – Basis und Punktgitter



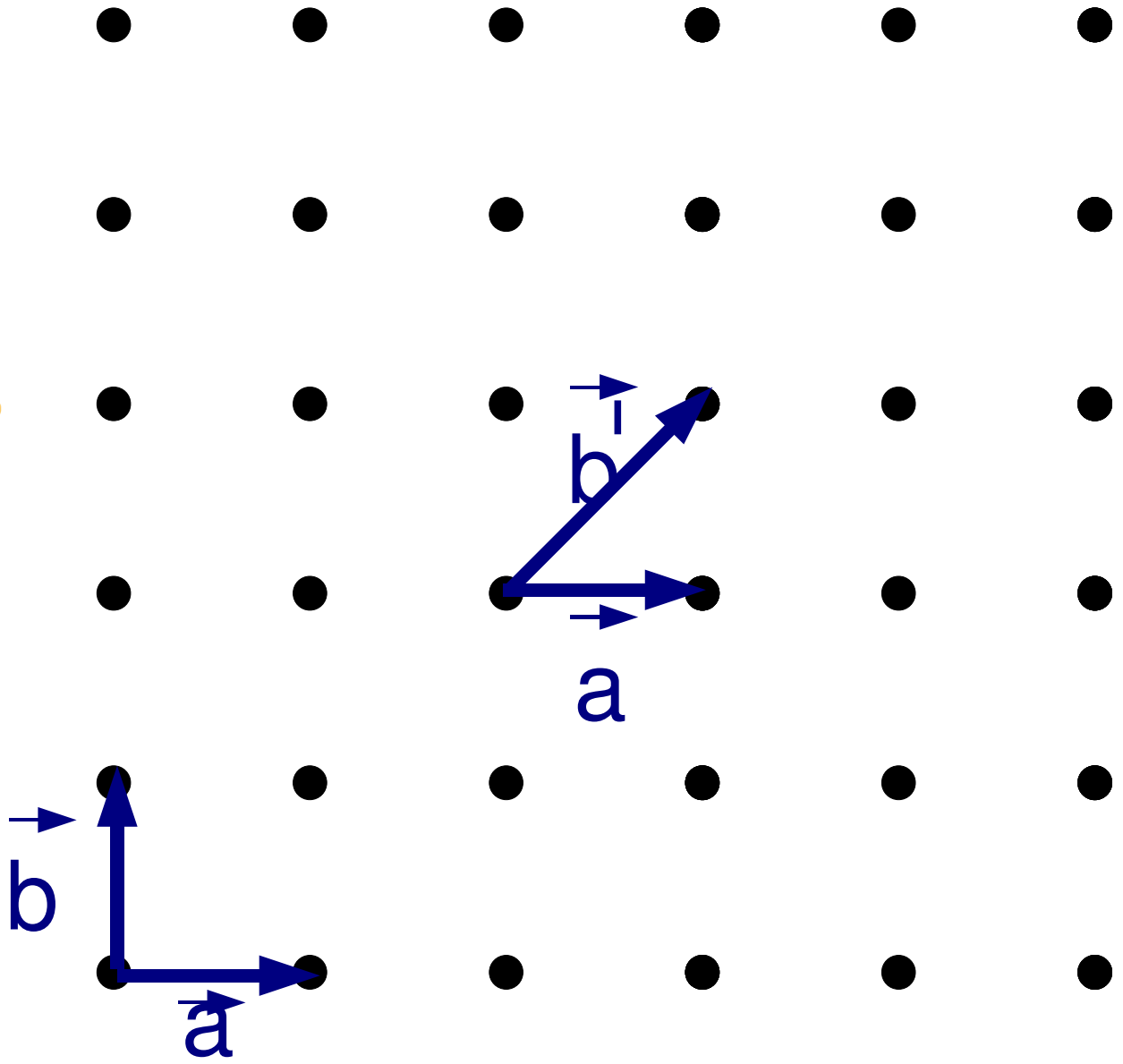
Kristallstruktur: Punktgitter –

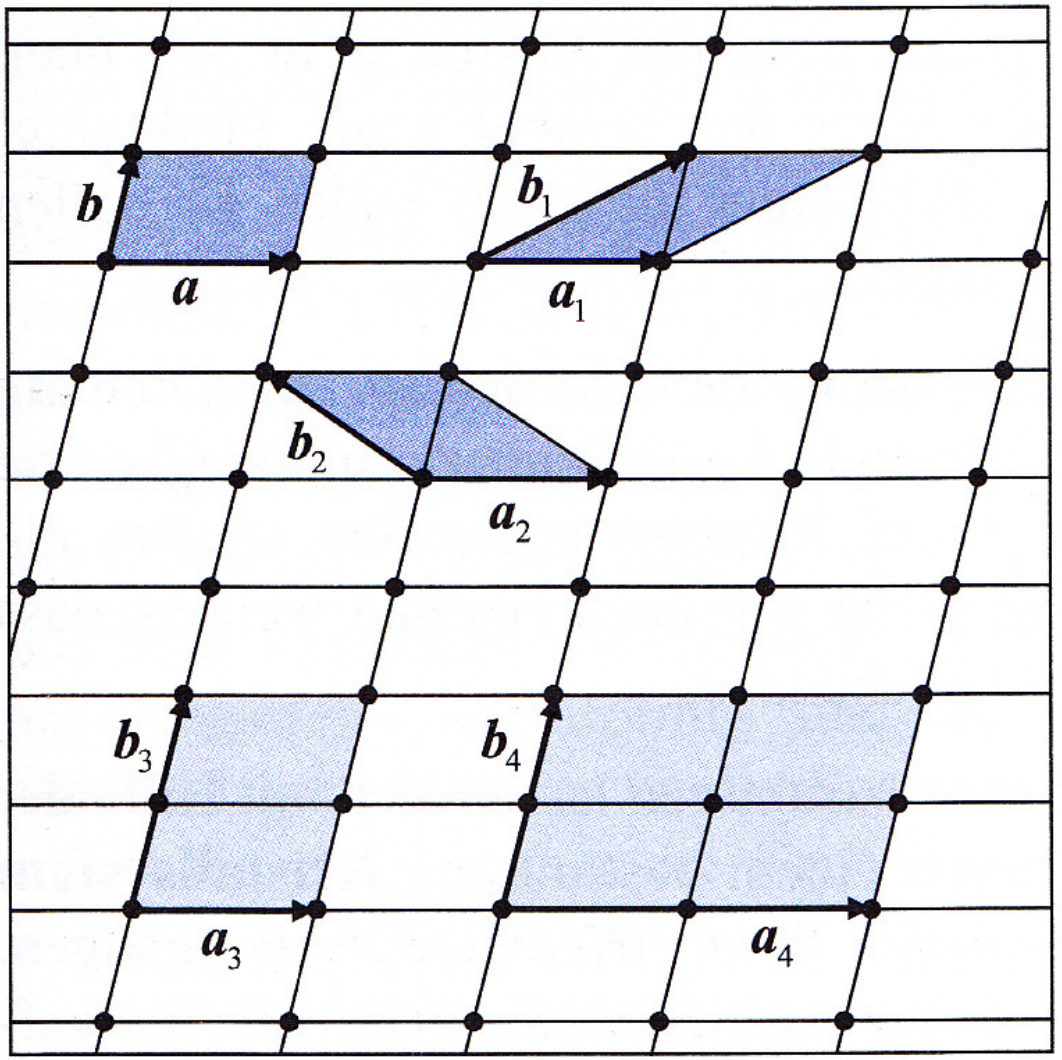
primitive Translationen



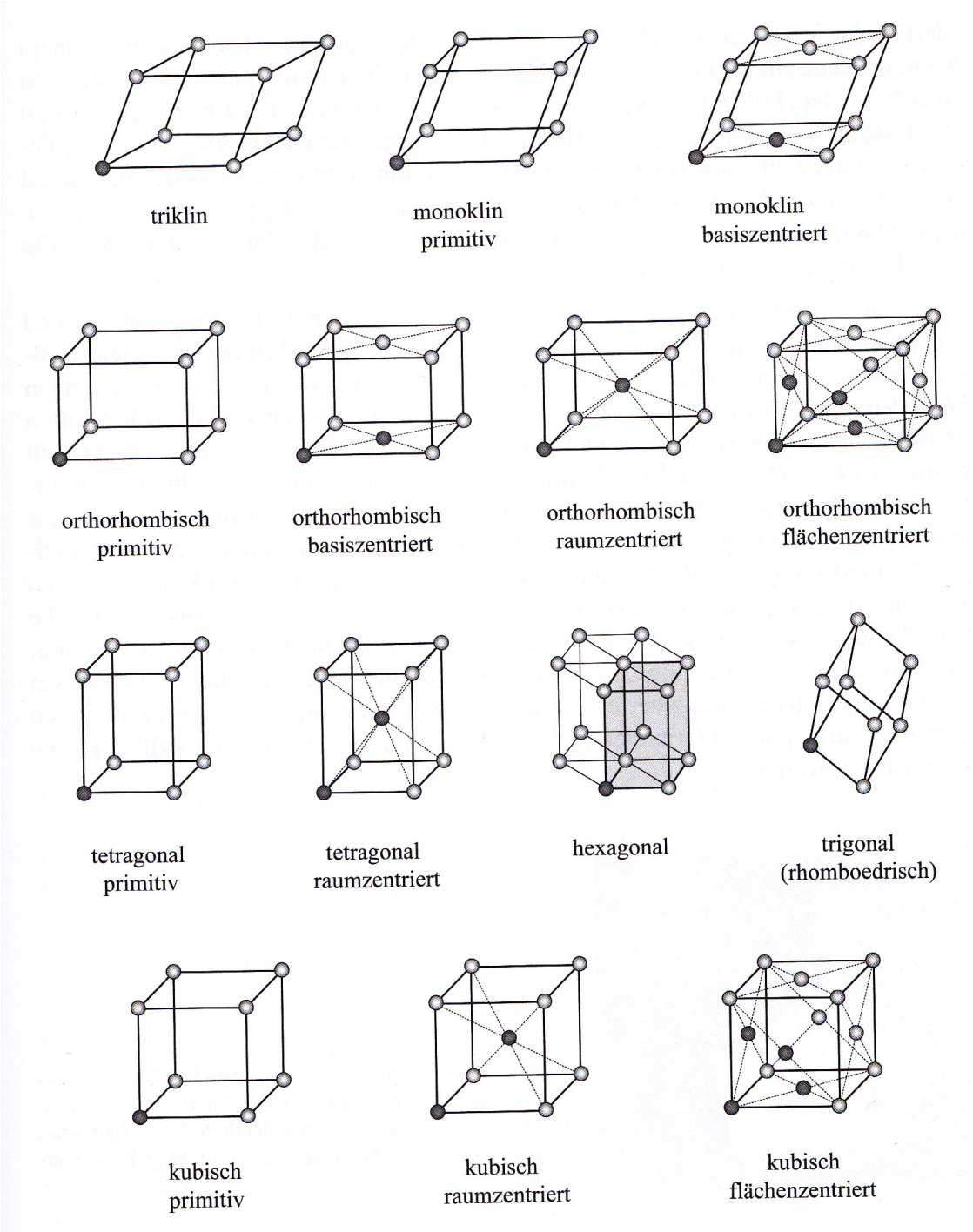
Kristallstruktur: Punktgitter –

primitive Translationen

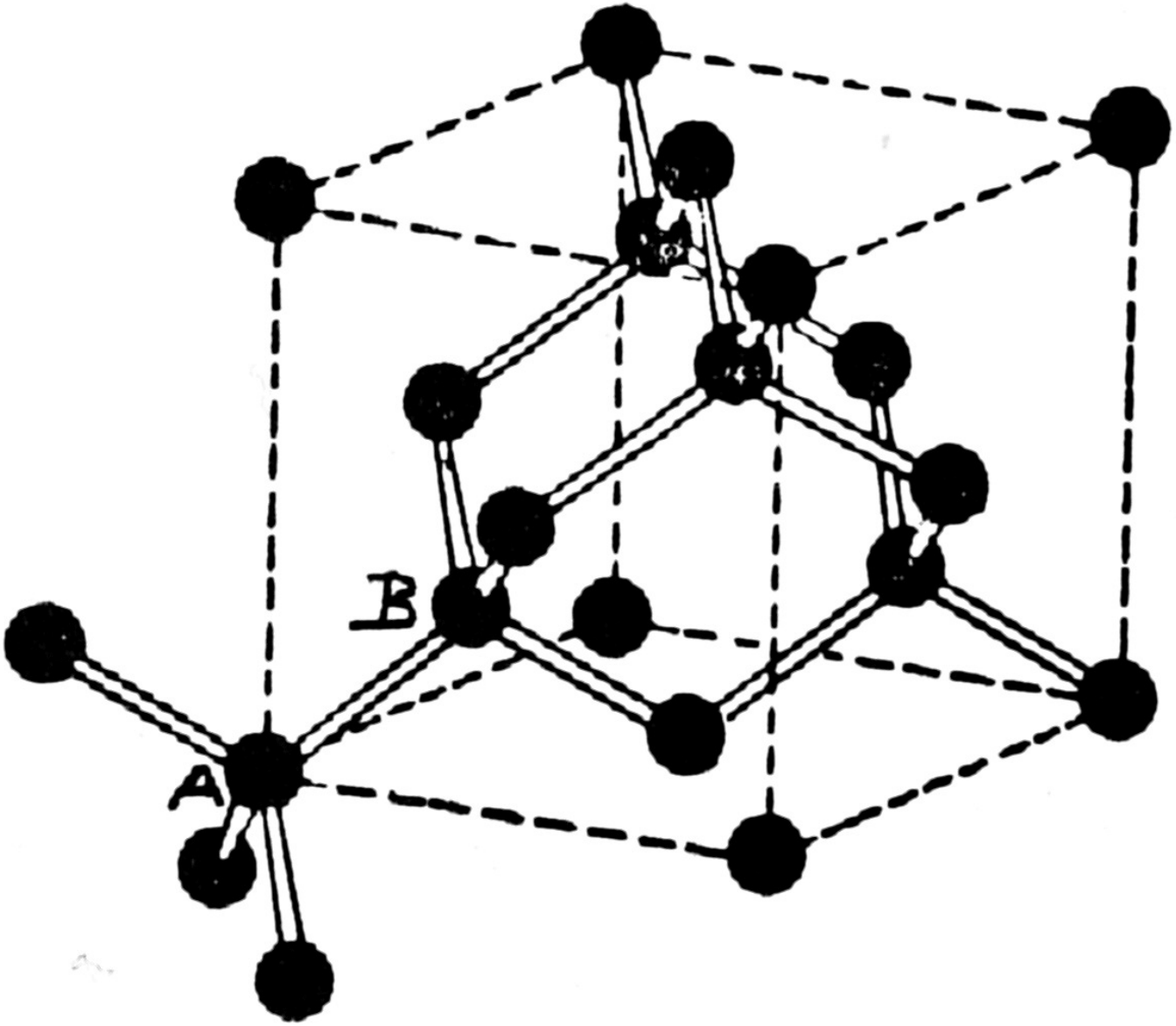



b
a
b1
a1
b2
a2
b3
a3
b4
a4

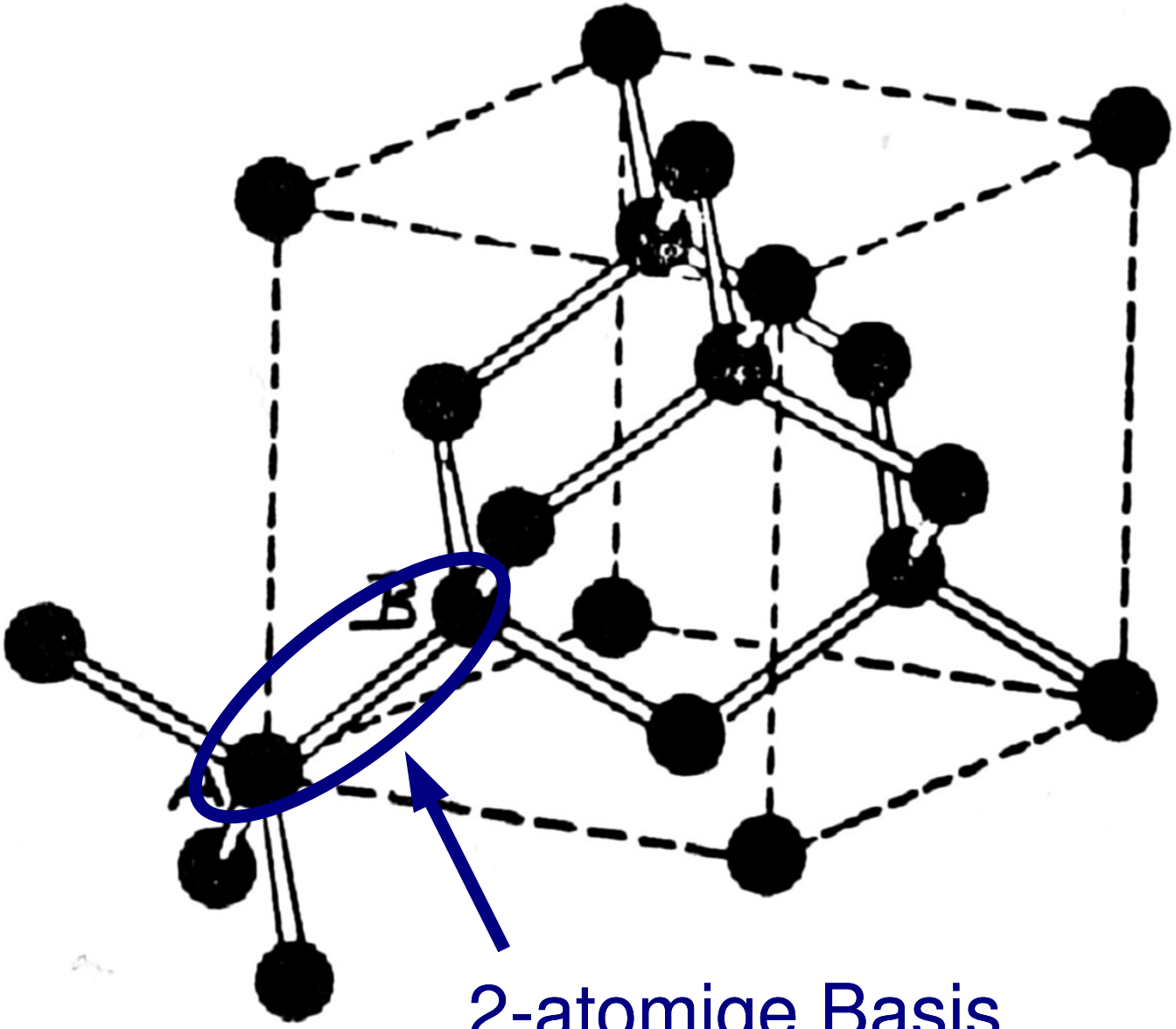
Die 14 Bravais-Gitter



Diamantstruktur



Diamantstruktur



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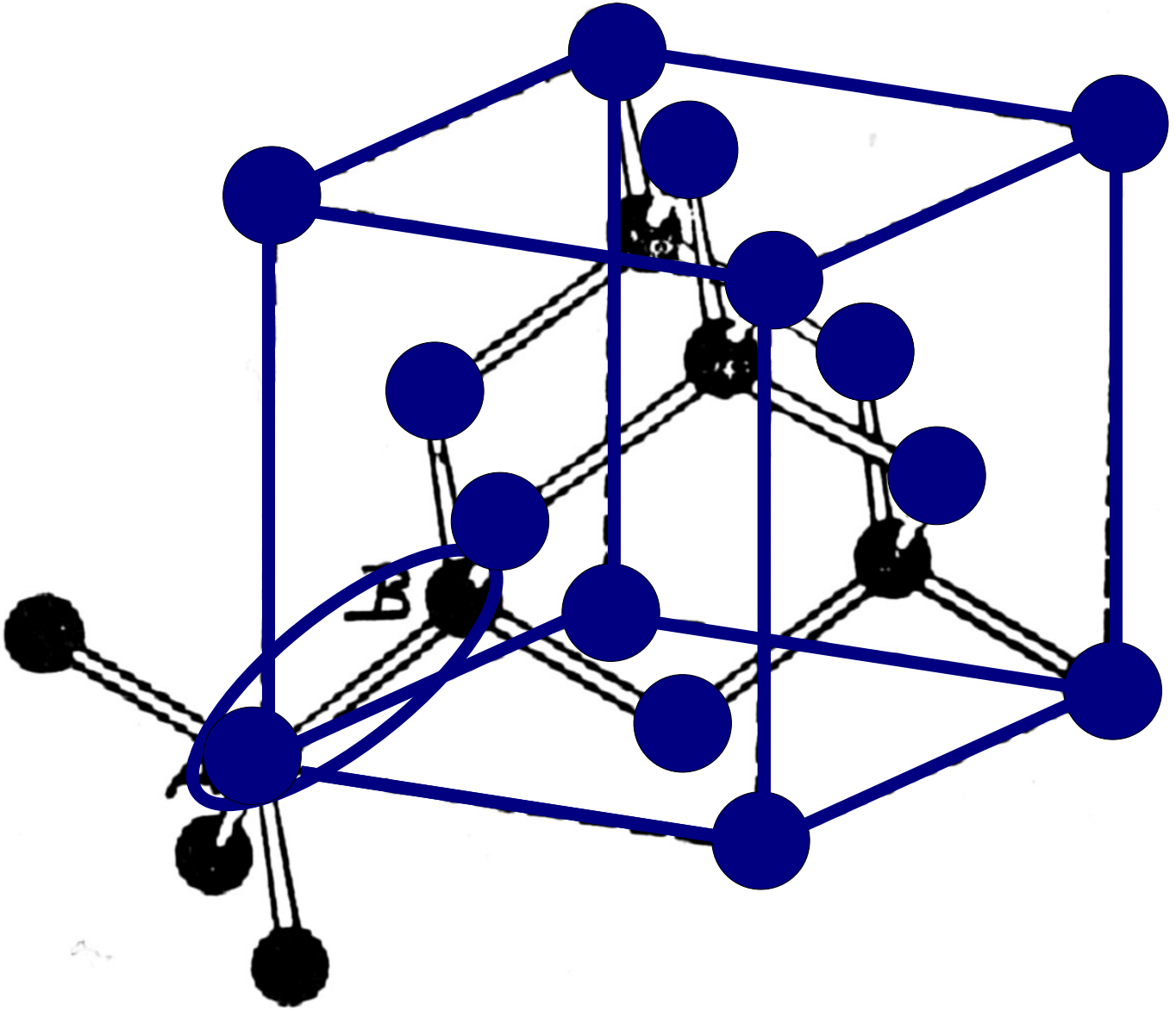
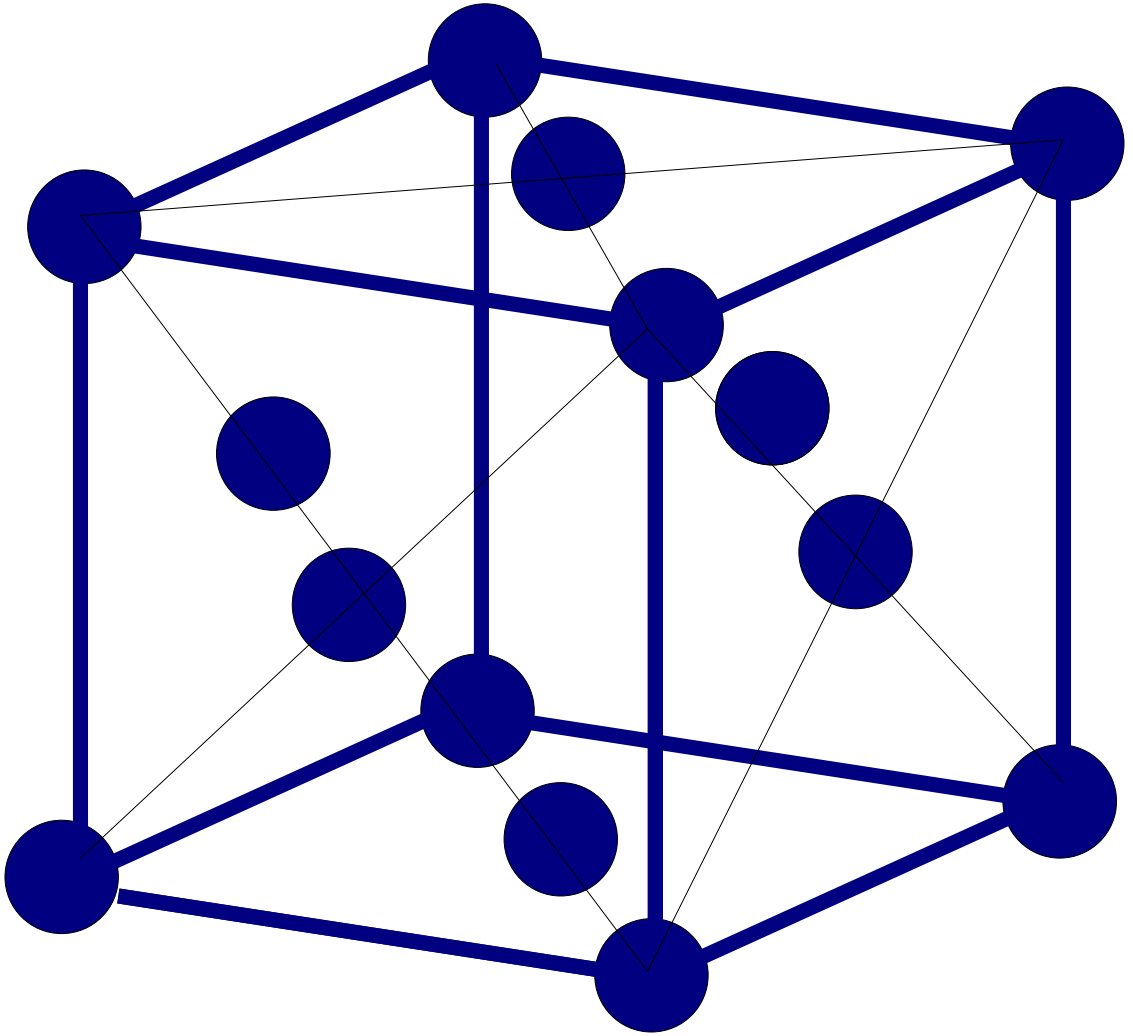
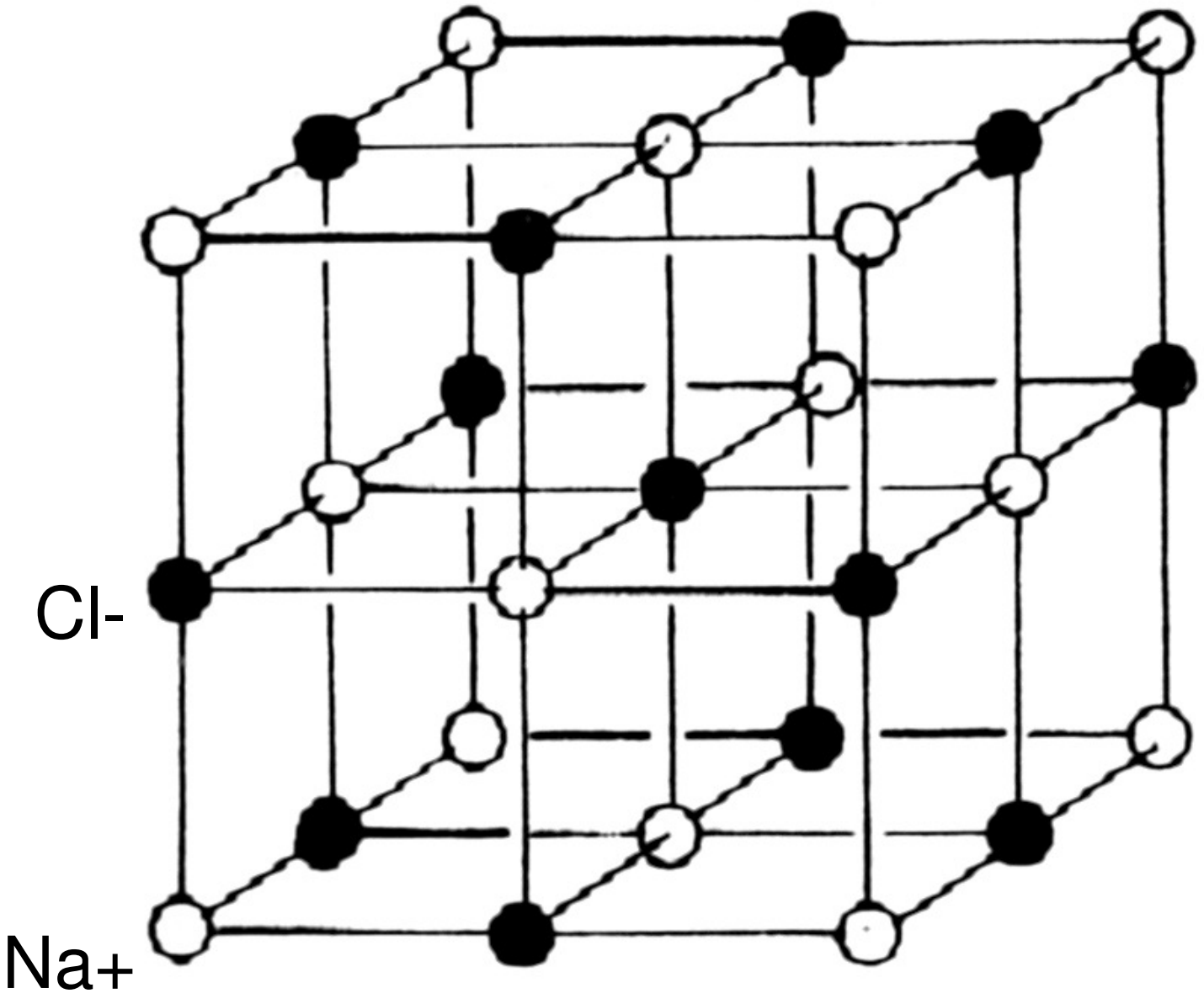


Diamantstruktur

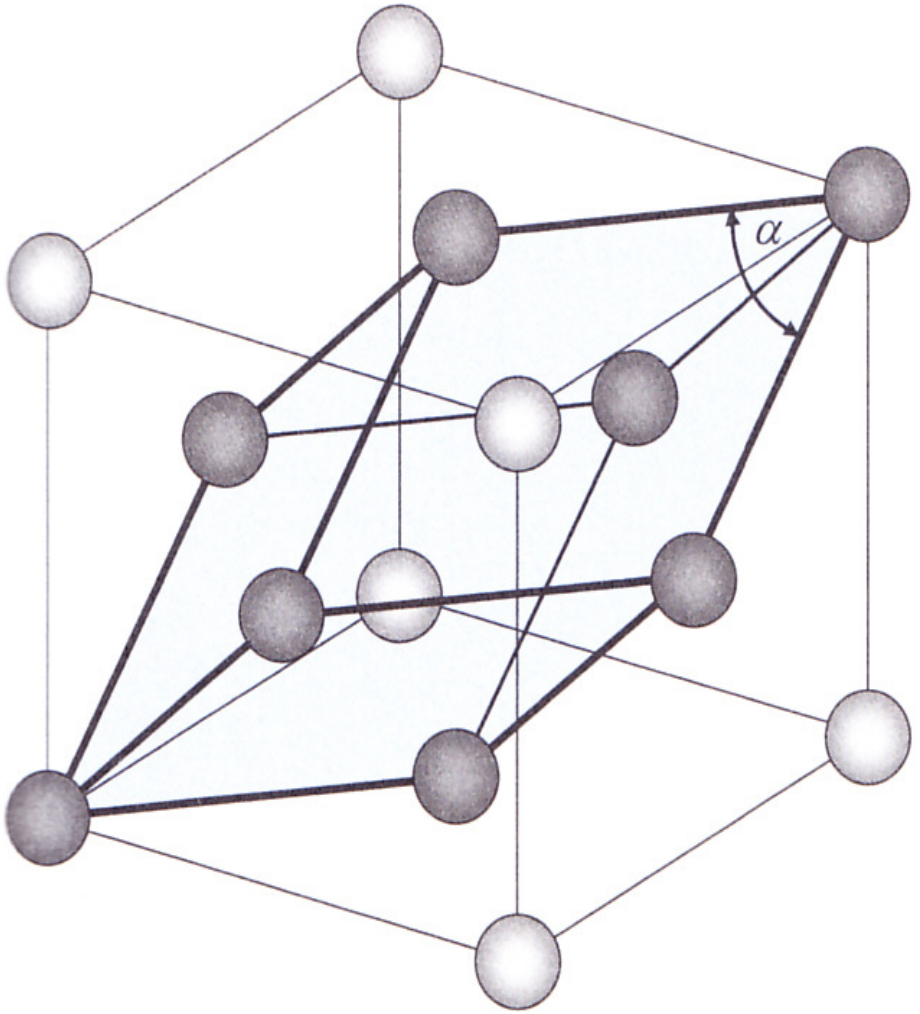


Punktgitter: kubisch flächenzentriert (fcc)

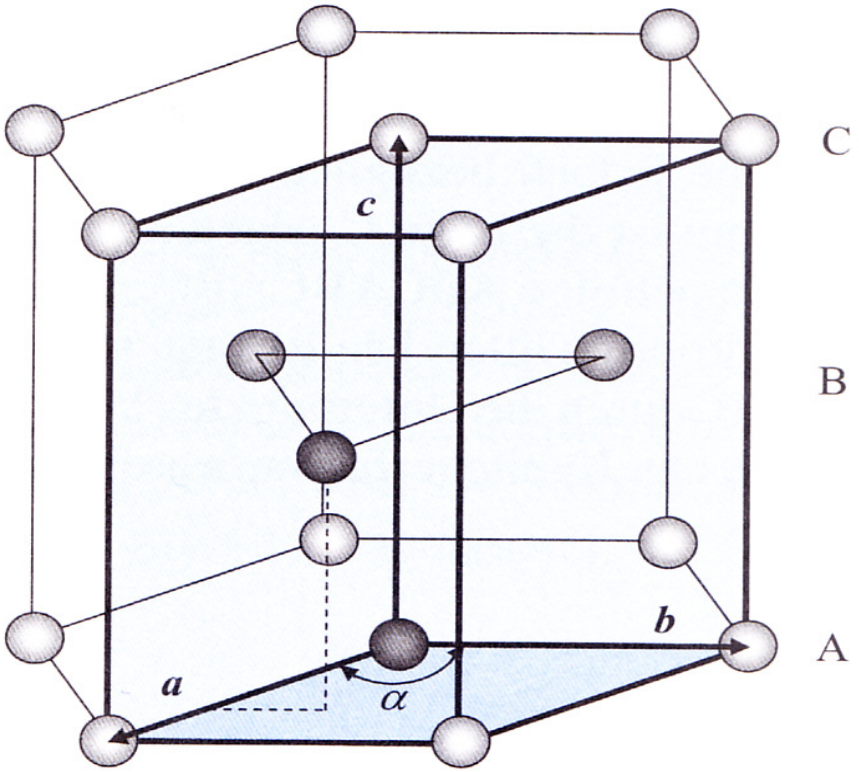
NaCl Struktur (2-atomige Basis)



fcc (kubische und primitive EZ)



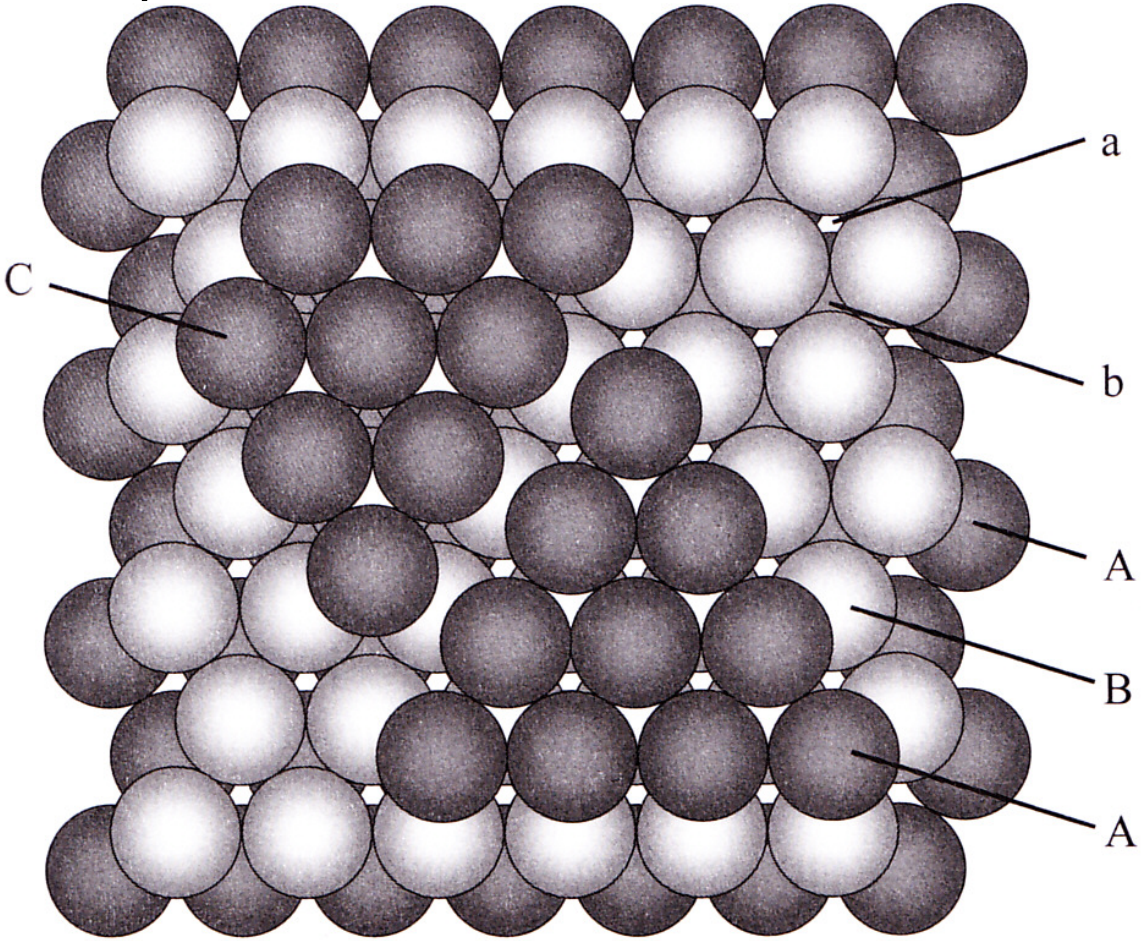
Hexagonal dicht gepackt (hcp)



„Orangenstapel“: Dichteste Packungen:

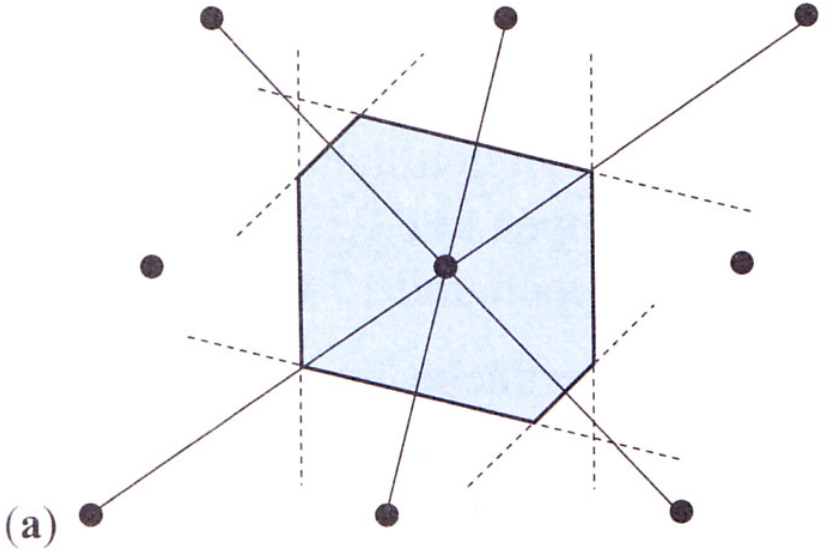
fcc (ABCABC)

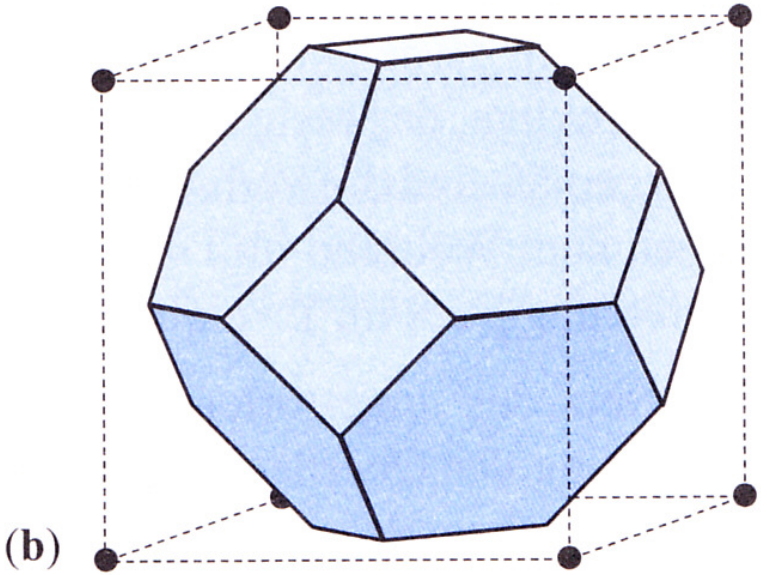
hcp (ABABA)



Packungsdichte 0,74

Wigner-Seitz-Zelle





bcc