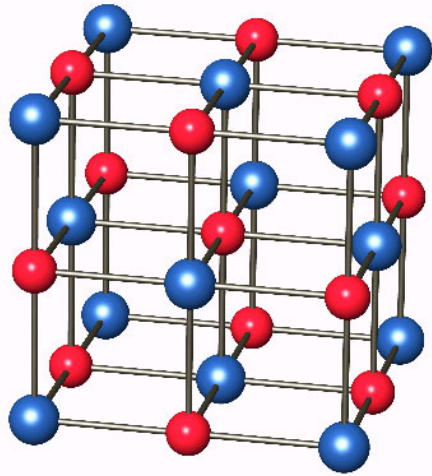
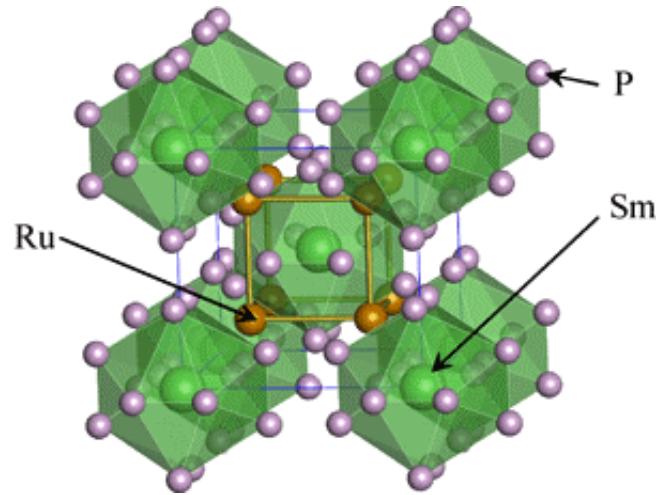


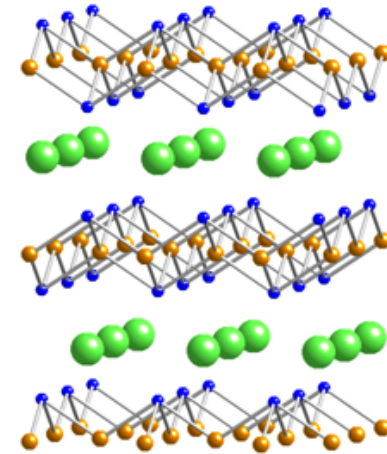
Crystal lattice



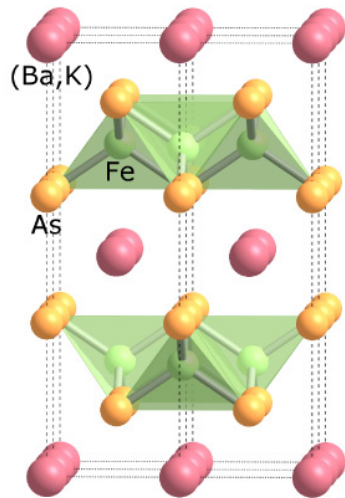
NaCl



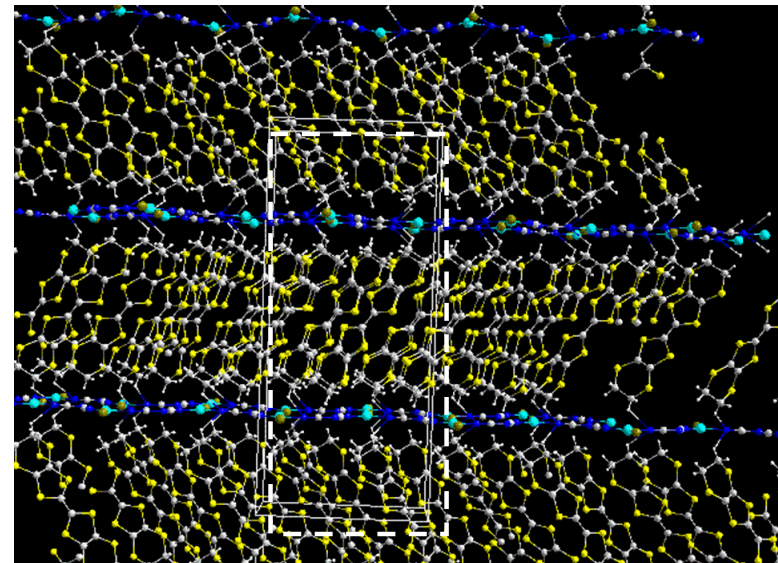
$\text{SmRu}_{14}\text{P}_{12}$



CeCu_2Si_2

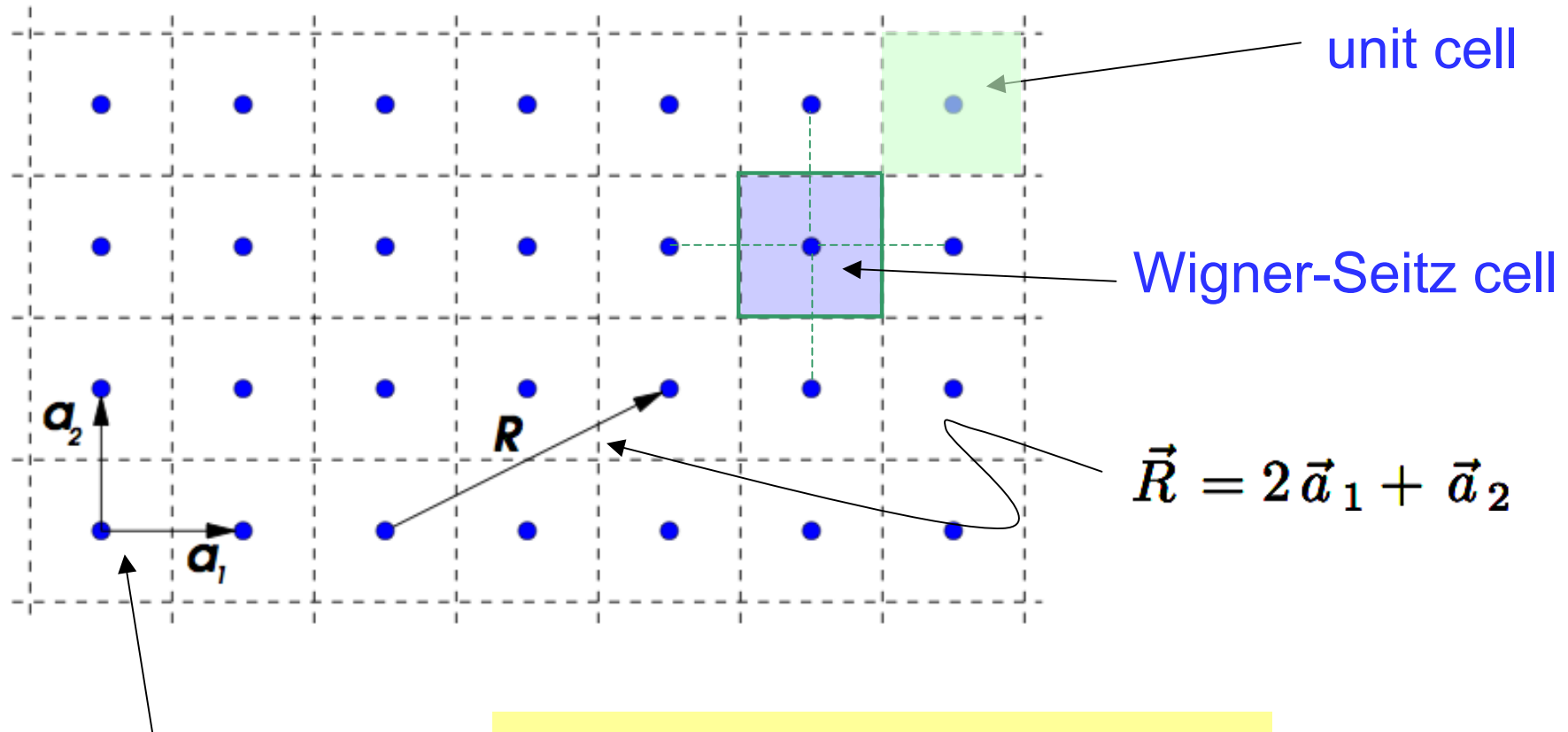


$(\text{Ba},\text{K})\text{FeAs}$



$\text{K}-(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}_x\text{Cl}_{1-x}$

Crystal lattice



primitive
lattice vectors
basis set

lattice vectors

$$\vec{R}_n = n_1 \vec{a}_1 + n_2 \vec{a}_2$$