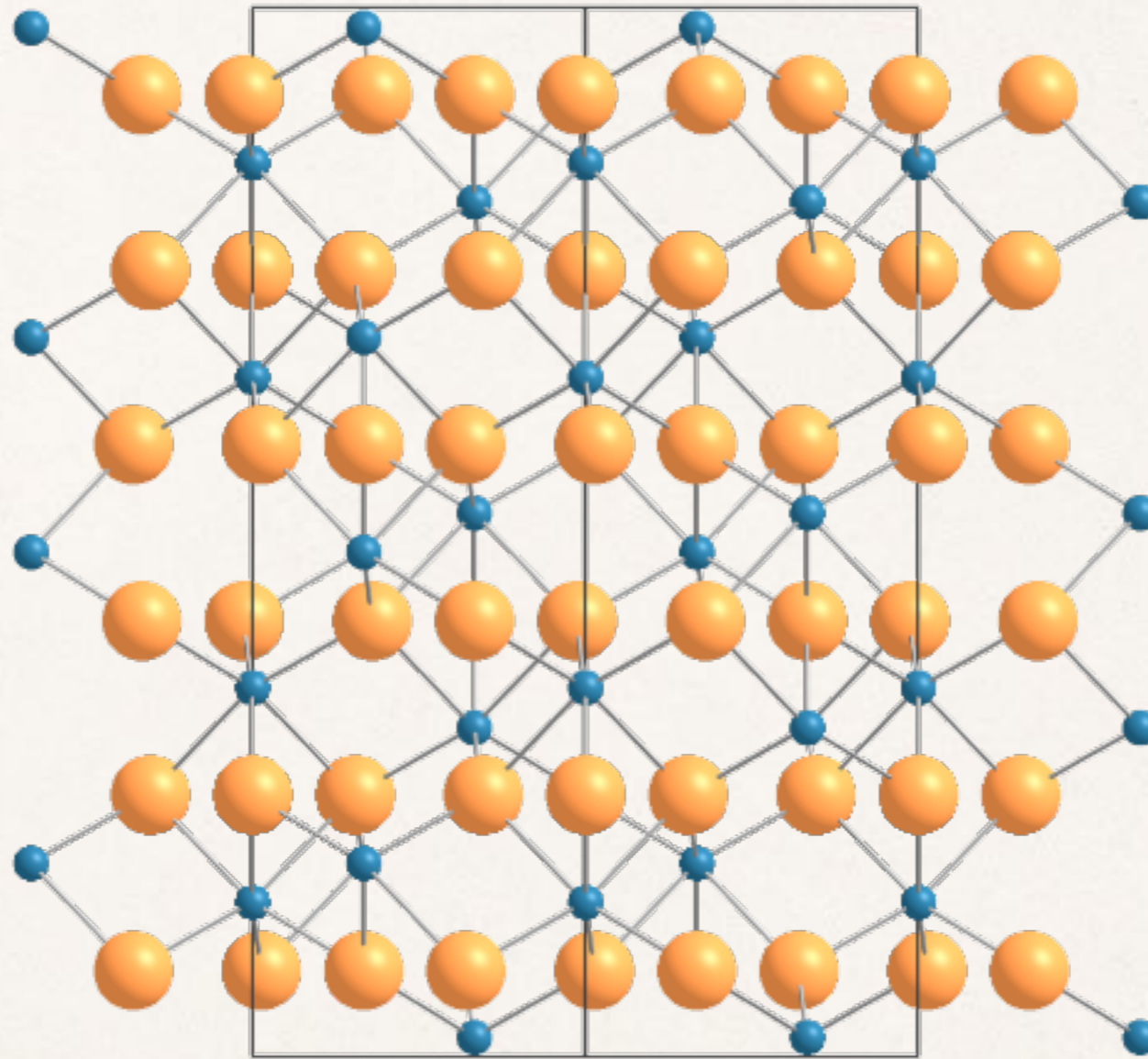


* A_2X_3 — corundum Al_2O_3 , ilmenite $FeTiO_3$, perovskite $BaTiO_3$



Corundum (Ruby) structure, Al_2O_3 .

Crystal structure data taken from: Finger & Hazen (1978) *Journal of Applied Physics* 49:5823

The oxygen atoms are approximately in hexagonal close packing. The aluminum atoms fill two-thirds of the octahedral interstices in this structure.