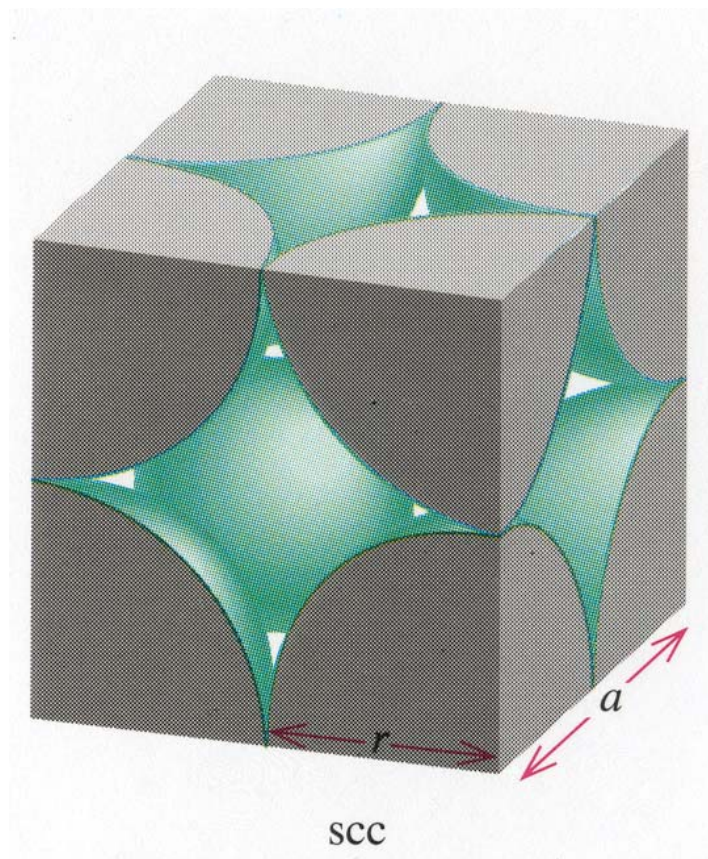


Metals and their Compounds

Lecture 3.3

Simple cube (p 417 BLB)



cube length = a atom radius = r

Atoms *touch* along side of cube, so

$$a = 2r \quad \text{and} \quad r = a/2$$