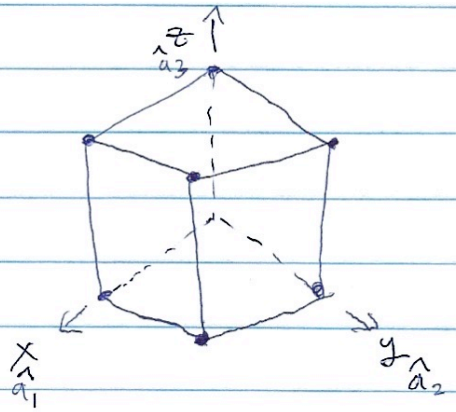
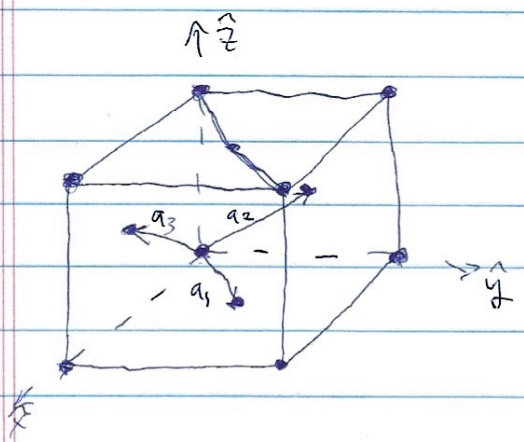
Kittel Sstate

1.2.

(correction)



conventional cubic.



fcc (rhombohedral).

Upon inspection, we see plane intersecting x, y, z at 1, ∞, ∞ will intersect a_1, a_2, a_3 at (1, 0, 1) giving (011). For the plane (001) in conventional cubic, we shall find (011).

Conventional cubic		fcc
(100)	→	(101)
(001)	→	(011)

Davidson Chen

1.7.2024.