Kittel

3.2. $R_{bcc} = \left[\frac{(12)(9.11418)}{(6)(12.2533)}\right]^{1/6} 6$

$= 1.06846.$

$$\frac{U_{fcc}}{U_{bcc}} = \frac{(12.13)\left(\frac{1}{1.09}\right)^{12} - (14.45)\left(\frac{1}{1.09}\right)^{6}}{(9.114)\left(\frac{1}{1.07}\right)^{12} - (12.2533)\left(\frac{1}{1.07}\right)^{6}}$$

$$= \frac{4.3097 - 8.6136}{4.04305 - 8.1585}.$$

$$= \frac{-4.3039}{-4.11545} \simeq 1.04579.$$

$$\frac{1}{1.04579} = \boxed{0.9562}$$ this matches ans. in Kittel.