$$\sqrt[3]{K_F^3} = \sqrt[3]{\frac{1}{a^3}} = 0.773 \text{ Å}^{-1} \text{ when } a = 4 \text{ Å}$$

$$K_{\xi}^{3} = \frac{N}{V} 3\pi^{2}$$

Menoralist 2

N' = $\frac{1}{V}$ the electron/pin

princtive cell.

Son a S.C. luttice the 1st D.Z. has Miles & ZIT

$$\frac{\mathcal{E}_{\mathcal{E}}}{2\pi} = 0.98$$

This means the free electron F.S. pust bankly muster, the B.Z. boundary - but if we have a muster, the B.Z. boundary - but if we have a the F.S. eale penalic pertulted this will cause the F.S. eale penalic pertulted this will cause the F.S. of his a "mich" at the closest approach to the B.Z.

