NAME: Himomshu Dixit BATCH : B10 ENROU. NO. : 21103262 Physics -2 (151311 PH211) Assignment - 6 Show that FCC crystals are more closely packed than BCC Crystals. (PF = Z: Vc x 100) FCC: (PF)FCC = 4x 4 T ((20) x 100 = 74% (ZFCC = 4) (PF) BCC = 2× 41 (13a) x100 BCC : V3a = 48 r = (3q ZBC = 2 = 54% PF JECC > PF JBCC hence, FCC Coystals we more closely packed that BCC Crystals.