0 m = 6.00 × 10-2 kg 31 = 0.4 × 10-6 C 92 = -0.22 × 10-6 C T cos 0 = mg r = 0.290 m TSIND = F tano = F/mg = mg. 12 tand = (9 x 109 N. m2/c2). (0.4 x 106c) (0.22 x 106c) = 0.016 0.06 x 9.8 x (0.290)2 the same (0.016) = 0 = 0.917° a = F/m 1.60 × 10-19 C × (700 N/C) 1.67 kg x10-27 kg 6.71 × 100 m/52 in direction of electronic find E, = 1, Zn E, X, (3) = 1.0 × 10 0 c/m 1 2 1.0 milm 22 27 (8.85×10-12 22/N·m2) (0.01) = 1.79 XID3 N/C on + X-axis rodi 2,= +1.0 nc)m Fr= Z 27 E. X2 2 1.0 ×10-9 c/m X = +1.0 00000 - 0.01m 27 (B. 85 410 - CYN·m) (0.01) 212 = +1-0 nE/m = 1.0 x10-9 c/m = 179 x103 N/c on -x-2x5