Bozil-Win-Wan 246-0559 Assignment 3 8-BSCS-14 01). F32 = 9x109x 5x10-9x 7x10-9 = 1.97x16-4 (4x10-2)2 F31 = 9x109 x 5x10-9 x 3x10-9 = 3.375x10-4 (2x10-2)2 F37 - F32 = 3-375×1/0 = 1.97×10-4 = 1-405×10-4 Lue east 92). Jo.32+0.42 = [0.5] 0.3 ton0 = 0.3 F31 = 9x109x 4x10-6x 2x10-6 0.288 (0.5)2 Fnct: 1/32 + (Fz) +2 (F32)(F31) cost F32 = 9x109x4x10-6 = 0.45 Fret = 10.2881 + (0.45)2+2(0.45/0.288) cos 369 (0.4)2 Fret = 0-702 | Sirection = 2 fx= 0.45+0.288(0536.7) > ton- (Ex) = -0.38rad/s or 14.0 degrees soulm dest 03) Si= -20+0= -0/20 53= -20+0-0 = -20 E0 E0 52= 0 (overalldrogeranell) 54 = 0 (no charge gresent)

Goril uddin-lehan at 0559 Bocs-14. m1=6.3×110-thg m1 = 92 a1 = 700m/52 $\frac{6.3 \times 10^{-7}}{m_2} = \frac{9}{7} = \frac{9}{m_2} = \frac{4.9 \times 10^{-7}}{3}$ m2= 3 az = 9m/52 Asidophicalsobom (b). so = F=m1a1 = 6.3x16-7x7= (4.4/x10) will have some f= 492 force, 4.41×10-6= 9×109×92 + 9=7.08×19-12 (3.2×10-3) 85). 01+82 = 8 Total 0,102 = 5x105 1= 9×109 ((5×105 - 91) 8.89 × 10-16+02=5×105 (02=5×16) (2)2 4= 9×109 \$ (5×105-01) The bigger charge 4 = 4.5x 1015 B1 - 9x18902 9x1090,2 - 4.5x10 50, +4= 0 101= 8.89×10-16) => smaller change one