Morce due to body to Jon body ji i given Fij = Gming (rg-ri) \ \(\vec{r} \cdot - \vec{c} \) \(\right)^3 7 = \$ Fis $\frac{5}{1+1}$ $\frac{6}{|r_3-r_i|^3}$ M = Gm2(2-71)+Gm3(73-71) 12-1/3 and similarly for 12 and 131 - and 4 more egns OF = TI and = "= Gm2(r2-r1) + GM3(r3-r1) 18-2/13 if we write even componens wisg, we get Gegrs Vix = rix Viy = riy and sin $V_{1x} = 6000(300) (4m_{1}(r_{2x} - r_{1x}) + (4m_{2}(r_{3x} - r_{1x})) + (4m_{2}(r_{3x} - r_{1x}))^{2} + (4m_{2}(r_{3x} - r_{1x})^{2} + (4m_{2}(r$

Viy = 9m2(r2y-riy) = 12+ 9m2(r3x-rix) = [(x3y-riy)2+ (x3x-rix)]3/2+ [(x3y-riy)2+ (x3x-rix)]3/2 and similarly we get for monse 2,3 まこよいい 文= かいか Mother to held with the fight of the fight o