Project Partz Spacecraft Setatch Work uspeaca osplalas 71 (Xa) Lesson Ser - Mms Fill - Ja (-ums r-sp) EF = fs9 = ms asplaca a splata = Itansa splata = Ita (-Mms rsp) asplala -- M I'm

$$\frac{\lambda}{\lambda} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac$$





(b) Resolution of the second o

4) Zfig = ms asplacu O, ms 7 a speace - Ta [-Mrs rasp + 3 Mmstz Rp2 ((5/(rat13)2-1)-2(rapt13)13) asplata = - + 3 m J - Rp2 ((5 ([[[[[[]]]] - 1) - 2 ([[]]]]) $X = \begin{bmatrix} \Gamma_{\alpha}^{sp} \\ \Gamma_{\alpha}^{sp'a} \end{bmatrix} = \begin{bmatrix} \Gamma_{\alpha}^{sp} \\ V_{\alpha}^{sp/a} \end{bmatrix}$ X [sp. a] - [v spla] Va sp. a] - [v spla] Splala] $\dot{X} = \begin{bmatrix}
V_{\alpha}^{SP} & V_{\alpha}^$ Are we suppose la re-denire

VSP = & ms + - mms Con 2 -Mms J2Rp2 (3 (2)2 -1) -Mms 7-5.生3, 至至生。上3 V₅p² - Mms J₂R_p² (3 (rasp. 1) - 1) - Mms Espea = 1 mg VSpT VSP - Mms - Mmst Rp2 (3 (13)) 2) Espea = = = ms Var ra - mms Jz Rp2(3/22 (rsptg) - = = =)