-chapter 12 ... Matter in plane .. section (3) + + e = cas (0) [+ sin(0)] (# = 0) + e2 = - 5,0(0) i + (05(0) j : de = 0 sin(0) 1 +0 05(0) 1 - de oe : de = - 0 005(0) i - 0 5.0(0) j : de - 063 (= ve + roe) : F = dr - re + rie + (rio + rio) 6 - rio e (:F= (r-ro2)e, + (2ro+ro)e) excit IF the radial velocity amponent (ar, Ma) Find trajectory and prove that component of acceleration is (xr mo mo(x1) @ Solution: - 18 - WB : X - X - . TO - MO