## Classical Mechanis 7 Think about two bodies exerting forces on other Fiert R Fiert Starting from Newton's second law for both Mic = Front + Frent Mic = Front + Frent adding them together min + m2 = Flore + Fron + Feet + Fzert $\frac{M_1(1+M_2)(\frac{M_1(1+M_2)}{m_1+m_2})=Fert}{m_1+m_2}$ (m,+m2) dt (m, C, +m2 C2) = Fert define R = MITA + METZ MITA + METZ MITA + METZ on write this in terms of rewards second law. MR = F

