Mo=mprop+may+mrous OV = Ispgolmmo mt= Mpay+Mrocku 6 V= 7.6 KML = 7600ML 744- 446 x9.810 (mo) Dsp = 400s 19 = ln(mo) 90=9.8 m/s~ 6.95 c 1999.8 = mo = morp + 1 Mo = mprop + pa moro mon = (595) Mo= mpn p (695) the domación de = - m mdy = cm - mg H= m(t) = mo - mt moder of = cm-mg Fret = em - mg -mindy - cin -mg - proving nording - mg  $\frac{\partial z}{\partial t} = 9t - n \frac{\partial z}{\partial t} = \frac{\partial z}{$ dy = cm - (mo ma)g Z=-9++1 m.g (+nmosemonit) = du = ( n(2/m) - 9 / m -Vz mmoden fmot mitmo 1=-9t-ming en(m)

burnat time to L= "b+'+kg(+')~ 3. U= Vex ly man Sost = god ex many 16g = mg Mo = 5-93mg 4-93 (mpay=mr)= mprop 4.93(m) = M.-10) No = 5.93m

$$m_{i} = \frac{m_{i}}{m_{i}} = \frac{m_{p+1} m_{s} m_{pl}}{m_{s} m_{pl}} p_{ray} p_{rad}$$

$$e = \frac{m_{i}}{m_{i}} = \frac{m_{i} - m_{f}}{m_{i}} = 1 - \frac{1}{m_{f}} = \frac{m_{pl}}{m_{f}}$$

$$e = \frac{m_{s}}{m_{i}} = \frac{m_{s}}{m_{i}} = \frac{m_{s}}{m_{i}} = 1 - \frac{m_{pl}}{m_{i}} = 1$$