Ch. 3 Rocket Excepte V, rocket - 1st ligit propelled rocket, total wass = 12,500 Kg Mpapellant = 8720 kg Vexhoust = 2000 \$ thoust = 265 kN Ux = Vx + Vexhaust ly (-1) 1 = (2000 =) In (1250 E) △U = 2390 = After burnout, N= 40 + 2748 = $\frac{f_{hres}f = -mV_{ex}}{m_{i}^{2} = -133 \frac{k}{s}} = \frac{\Delta m}{\Delta t}$ M = M + Mttornort = - DM = - (8720/5) - (65.65)