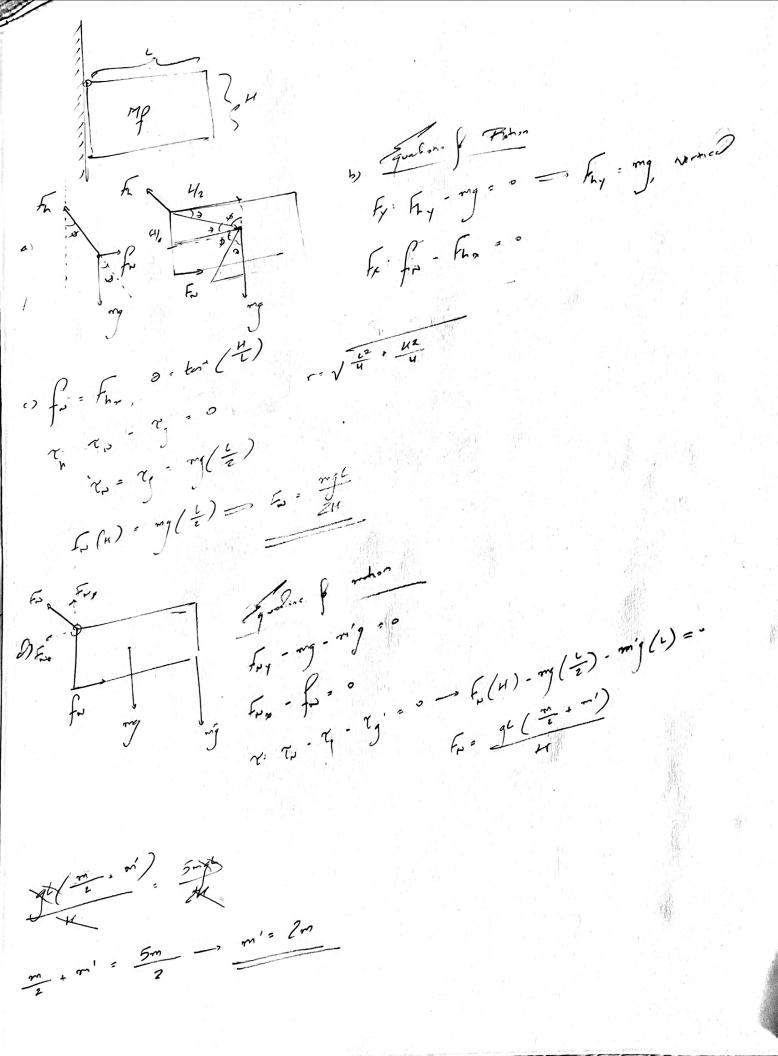
Fryons 7A Sport 2014
Sind D) Po Conserved on & Swigt $\int_{-c^2}^{\infty} \frac{b^{m_s}m_r}{c^2} \int_{-c^2}^{\infty} \frac{b^{m_s}m_r}{c$ =-6Mom (- 1/2) = -6mom = - 1 mn. $= -6 \frac{1}{2} \frac{1}{2}$ b) - 600 mc = \frac{1}{2} mc \quad \frac{1}{2} mc \ => 2017. Ns° = Yp. => N° V 2011. 1 N° -6m, Cmr-mp) (Nf. - Ni.) a) fot = m(Ng-Ni) = (me-mb) n - wini 19 = Fot + mini - 6M. (mr mp) vie = = = [minimp) vie = = = [minimp] vie = [(mi-ub) at = fot + wini N= V-20M2 + (FAL + mrvi) = , Np= 1/20mo - 20mo (FAL + mrvi)

mr·mp

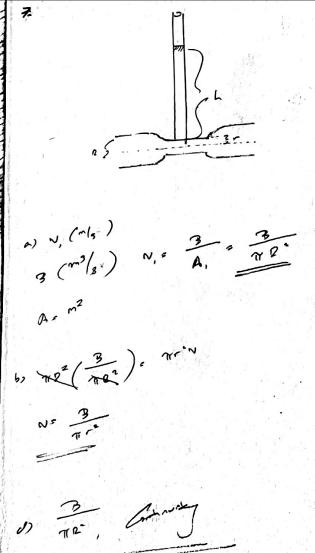
e nr·mp No Fat , more

0) Fot = m(Nim - Ns) Fat = (m - mp) Ng' - mus No = Fat , mine - Ni - Fot + V - 2000 - Ni. Japan-mg 2 - 2 (m/-mg) vp = - 2 (m, -m() vs) = Loughorn to the second of th = 26m + (Fot + m- 1 = 2)



$$\int_{a}^{b} x \, dx = \int_{a}^{b} f(x) \, dx = \int$$

by 0 = mbNb - MAN as Equaline & Patie for my - k, ax = 0 fx : my - ke xx but . wo no 3. - N. e) N(+)= f(A==(b+))= A=cos(u+) DADI = mg (i vi D. L. - l. " (k. - 12) v(2) = = No Avalat 1) J. sp = P. P. = mb~b y ha with dx)= - Au Sin(o+) A hyper pied, a(1) = - Aw Sitate B ffl. & min Love your 3 T on = my (k.) kz W. V 12 = J (1/4, 1/12) TI To Lot reft, = a = - ~ ~ ~ V(/11, 1 /42) [7] $= f\left(\frac{1}{2}, \frac{1}{2}\right)$ F= teffo " (+ tu) o " 72 20 V /k. + 1/ke 3 T = 3 TV /4. + 1/4.



c) $P \cdot pr^{1} = 1 + pr^{1}$ $P \cdot pr^{2} = 1 + pr^{2}$ $P \cdot pr^{2} =$