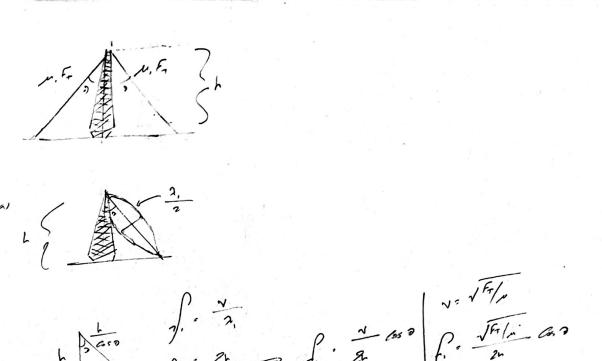
Physics 7A 2017 Section 2 Den Disal. Course of Tray d. l. las = 1(1-cos) mg D(1-053) = 1 mn = 1 m (Fi) mgl (1-012) = 2 mg = . 2 mg $(1-aso) = \frac{P^2}{2m^2g^2} = \frac{1-\frac{P^2}{2m^2g^2}}{2m^2g^2} = \frac{8 \cdot 36^4 \left(1-\frac{P^2}{2m^2g^2}\right)}{2m^2g^2}$ Sty: T-my = mv2 = T= (m.), my c) Ads as a harmonic solledor 1 w, V 1 time to soy 2 m " 7.20VJ 1) Js. N. F. Suy " Morein Consum. Consider of Foredo = 2. - T. = 3 B

min hander 3 h americal bear b) \(\Ta \) \(\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\frac{\lambda}{2}}{\frac{\lambda}{2}}}} \) => f. (1)the = mg(1) 1.1.2 = / (2) tu3 = (Pe X AL) (2) si-0 hpoh tong = Pelisio $6520 \cdot \frac{h'}{l'} \left(\frac{p_{l}}{p_{e}}\right), 3 \rightarrow 0 \Rightarrow \frac{h'}{l'} \left(\frac{p_{l}}{p_{e}}\right) = 1$ Pa = he Pr De dis (L V Pa) Sty Fo - h - 5 = - 2 AL - P. g. A



N Berrasilis Syndian (p. pgh + = pv4x;) = / A + pg o + = pv4mment) $\mathcal{I}_{hp} \sim_{hp} = \mathcal{I}_h \sim_h = \sim_h \cdot \frac{V_t \left(\frac{A_t}{A_h}\right) \cdot V_t \left(\frac{v_t v_t^2}{v_t v_t^2}\right) = V_t \left(\frac{a_t}{v_t}\right)^2$ 0) Proght = propre = Pr p (1/2) + = pros. => 24 , = +> (~ (~ (-=)2) = Pm + pq h = 1 = p(16 × 4°) 29 * * " Pe == \ 4. 2" · P. M. Sprie 2" = "(29h - Ng") = 2r"gh ... 2- 1/2-1, 1 - - 1/2gh Vm. 4 (x 5.72) = Nt (5.22) r_{mi} = $\frac{2}{2}$ = N_{r} · N_{t} $\left(\frac{2\cdot r}{2\cdot r}\right)^{i}$ Since Dans of (MR) = Unit

er Coursey Goder a under 2n - Ann Berroull's Equal or => Nh: Vt (p1) 7. /g(0). - pn2 = P. /gh + = 10n. a. v. = Aprop - Nelsentres egondent = P= (lata), My a) we will a find the second of the second o 7. St / Taper. ?

J. - 2 neev.? -de= Lm-(Sa), Da 11 =, di= LA 1- 1 la = x = 1 la (-5). T(u)-5 x. L(v2)-j = -Inner v, v2 5 = - 2 mezu, v. 5 b) 1 = Is = 2 mer (v. (-t) + ve(t)) o) 17 - At - 3 MP=v, ve 0) Squal 6 Palin: