Kompura reproglacy cnoxis struso moneum you's our uso grown se FZ pai bubusternyrome que ogroro, a maron From progetimen your com =0 1=0 => cosid= R 1 2> L-ans (2) OX: Fx = M N; Oy: Fy+N=mg => N=mg-F-Shl Fx = K (ng - Fsind) Tood = King Krind F(cos L+K sin L) = King F-cosh+King = Figs luca repose businesse our hysomigie amiz deposis morning numby, mo you f < Fig top dyge Memoro Bignolige: L= areas (n), F< Knig

(Dano: m=0,5m K=0,2 m=3m a, T, T_-? 1) 2 zaron Horanga grims Ox: Tr-Fup=man) T=markkny Oy: N=hg 2 zapron Hogoropa gor my Oy: m2g-T2-m2 a ST2-mg -m2a 3) Ocnobra colpnama gabriarga, M = J.B => (T2-T1)R = 2 mR = R mg-ma -ma-Kng-a-ma a (m; tons tong) = (m2-Km)g 2 m2-Km1 g = 0,5-0,2 a = m2+m2+m2 g = 3 -9,8 = 0,98 (aye) Ti=m, (a+Kg) = 1(0,98+0,2-28)=2,94M Ta= m2(g-a)=0,5 (9,8 -0,98)-4,47(M)

à Dans m= 50m R =0,2 m 1) Brangers Kymoby whogenians n = 48 los = 23 10 depm - 27 pag, many t. =50c Wo = n= 2TT = 16TC 2c 1. 200 2) W = Wo + B'+ > 0 = 16 TC + B. 5 => 11-3 => B = - 16/C ~ - 1/ neg 3) Andre pibrame gurrion Aprama gabrone a) Boguary Sepani 2th pogian, many gratilina No odepuil mier brucoser aymale ispeninger y=10 -25 = 400 JI 5) 4= 40 + Wot + 2 Bt (1) W = W & 5 t > 0 = 0 , + Bt > B = - € (2) (2) >1) = \$4 = 200 t - \frac{1}{2} 00 t - \frac{1}{ t - 900 TC = 50 C Bynologos M=1 H. je

1 7 = 1 x + 1 0 5 (1) @ Dano; usurige | Tk = 2 m 2 . (2) Tos = 2. J. W = 2. 2m r . (2): ~= 4m = 4 m v (3) V=1 wc (2),(3) ->(1) T=2mv2+ 4mv=m v=m v- 4= 4:30 Bignolige: 3Dru) Fine 1) This = Tran Johns. Tray = 2 n Vo + 2 1 W = 2 n Vo + 2 1 W = 2 n Vo + 2 1 W = 2 n Vo + 2 2 n R P = 2 n Vo + 2 2 n R P = 2 n Vo L. Vo = 2 mv + 7 m 15 - 3 mb Tuan = high 3mvo"=hgh=>h= 3vo" 2) Oting that - Fing = ma (1) Ox: Ningcosz and onepare chocoto: From : From = R = N- Rig cold M = JA . B ng Rand = (2 mR2 + mR3. 2

(a) >(1): mg Rin L - F+P2-h. 3 ghad Fry = ng Lin L - 3 ng sind = 3 ng sind Fap Ct mpe 3 nghind (King cold 3 sad (K cosh) R = 3 & L Rignoligos h = 3 vo ymola Korrena R-3 fel