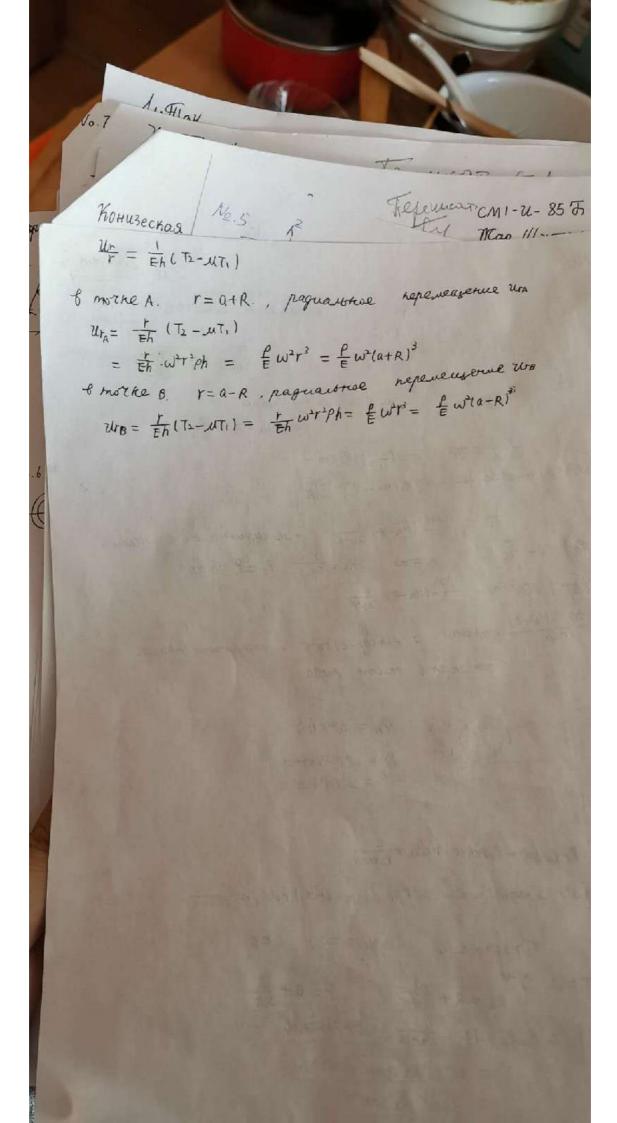
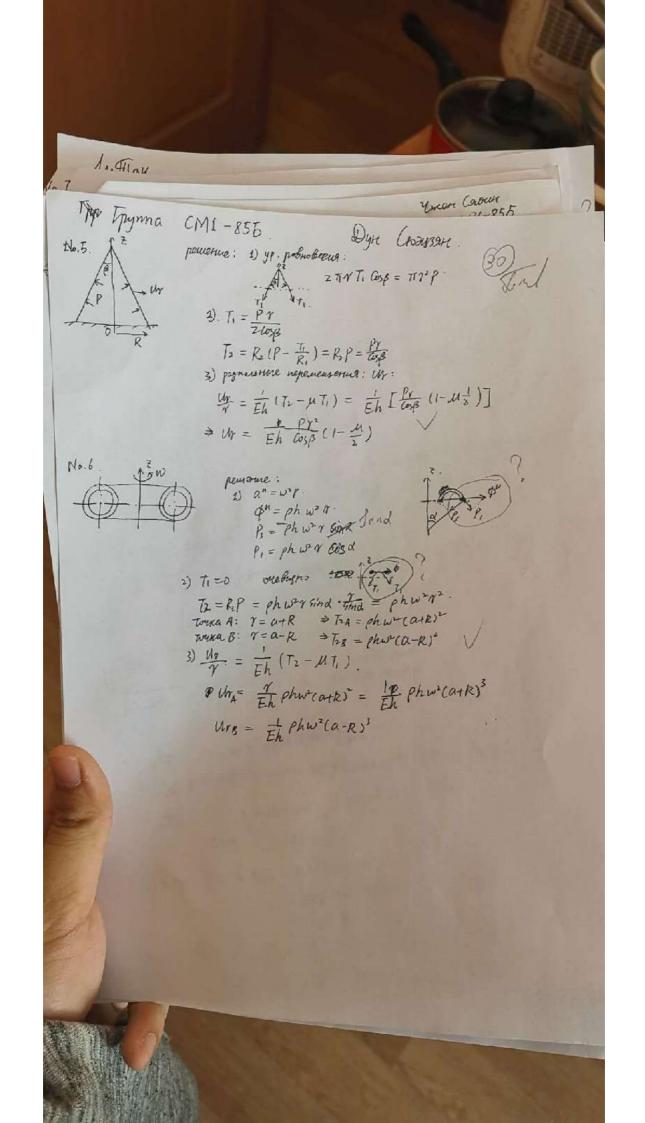
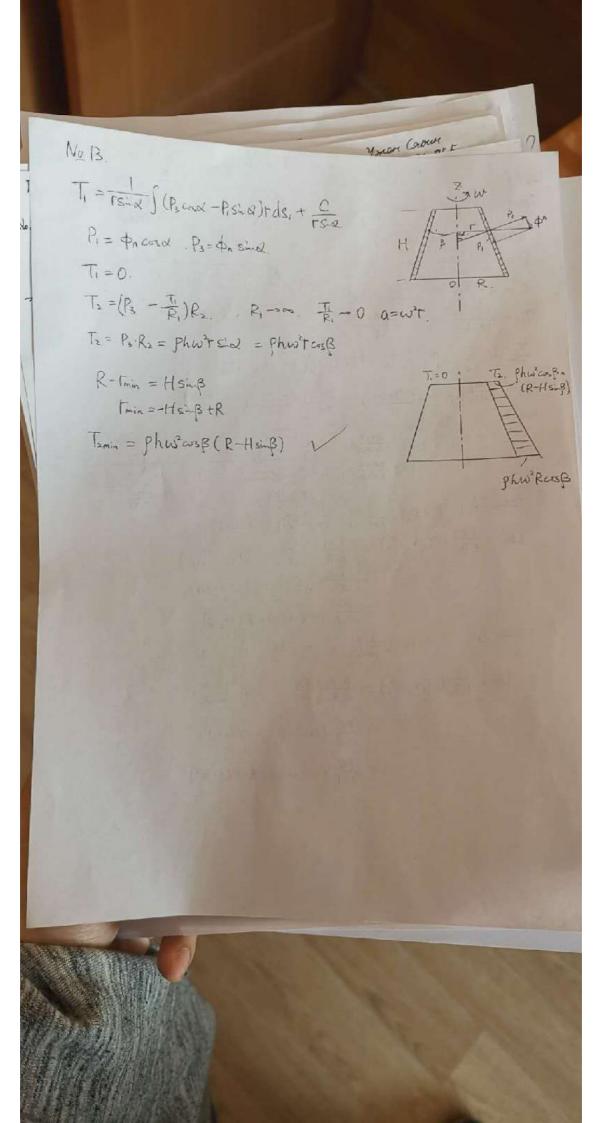
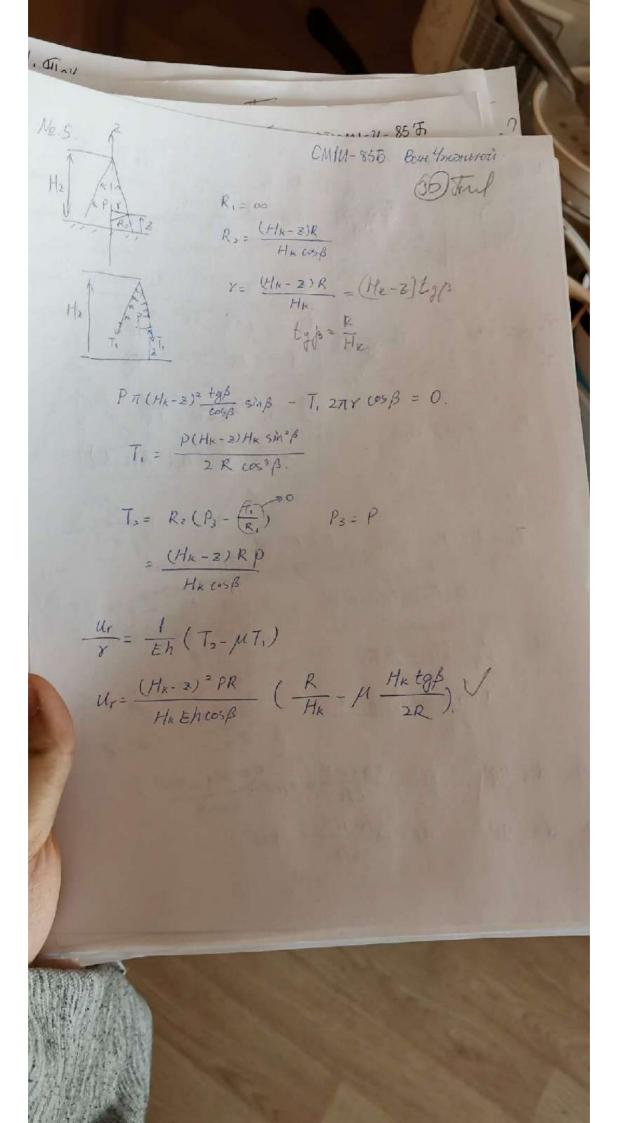


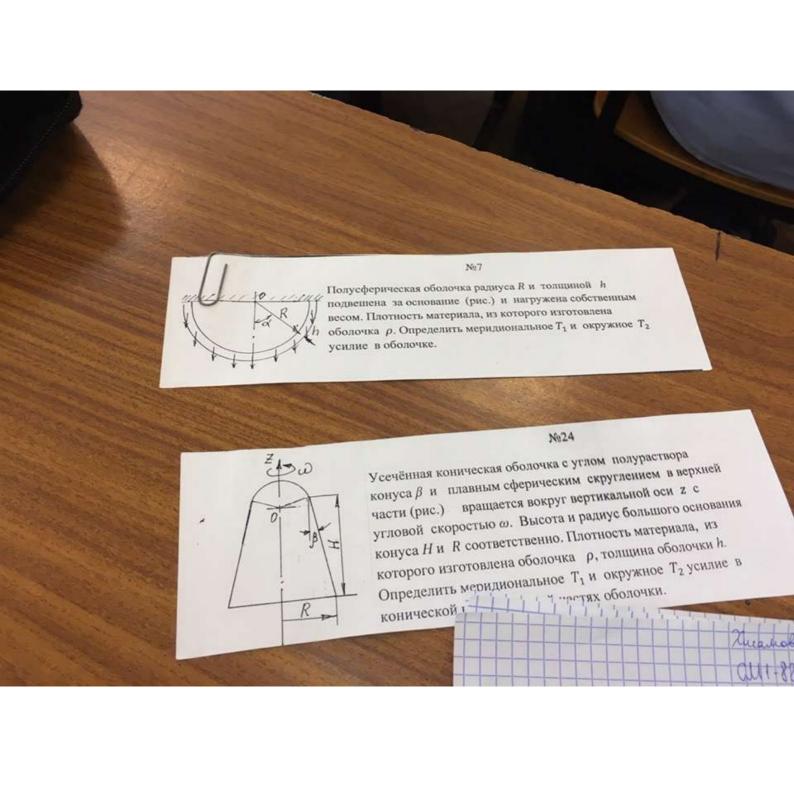
1, Flak Mac Xyanron CMI-U-856 уравнение равновения; (35) Jay TI Sind 277 = TP (12-02) $T_1 = \frac{P(\Gamma^2 \alpha^2)}{2\Gamma \sin \alpha}$ $\frac{T_1}{R_1} + \frac{T_2}{R_2} = P \qquad T_2 = R_2 \left(P - \frac{T_1}{R} \right) \quad R_2 = \frac{t}{S_{2Q}} = \frac{tR_1}{t-\alpha}.$ $T_2 = \frac{rR_1}{r-a} \left(p - \frac{p(r+a)}{2r} \right) = \frac{prR_1}{r-a} \left(\frac{r-a}{2r} \right) = \frac{pR_2}{2}$ npu $\Gamma = A$. $T_1 = PR$ $\Gamma = A + R$ $T_1 = PR \left(\frac{2a + R}{2a + 2R} \right)$ $\Gamma = \alpha - R$ $T_1 = PR(\frac{2\alpha - R}{2\alpha - 2R})$ B TOTAL A: TI=PR(20+R) T=PRI . T= a+R Ur = Fh (T2 + MT1) = atR (PR + MPR 2012R) = PR (atR + 1 (2a+R)) = PR (a(1+24)+ R(1+41)) B TOTHE B: TI = PR (20-R) TZ = PR r= a-R Ur = Eh (Tatuti) = a-R (PR + MPR Zang) = PR (a-R + 11(20-R)) = PR (a(1+2)) + R(1+4)) V



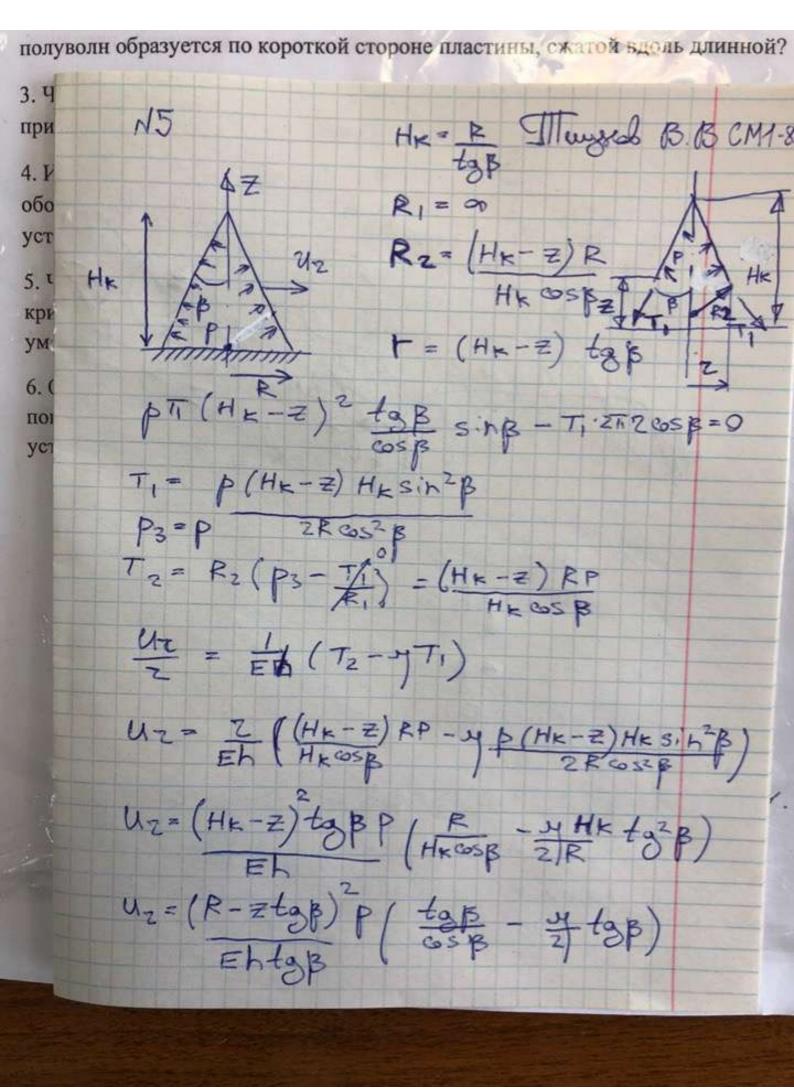




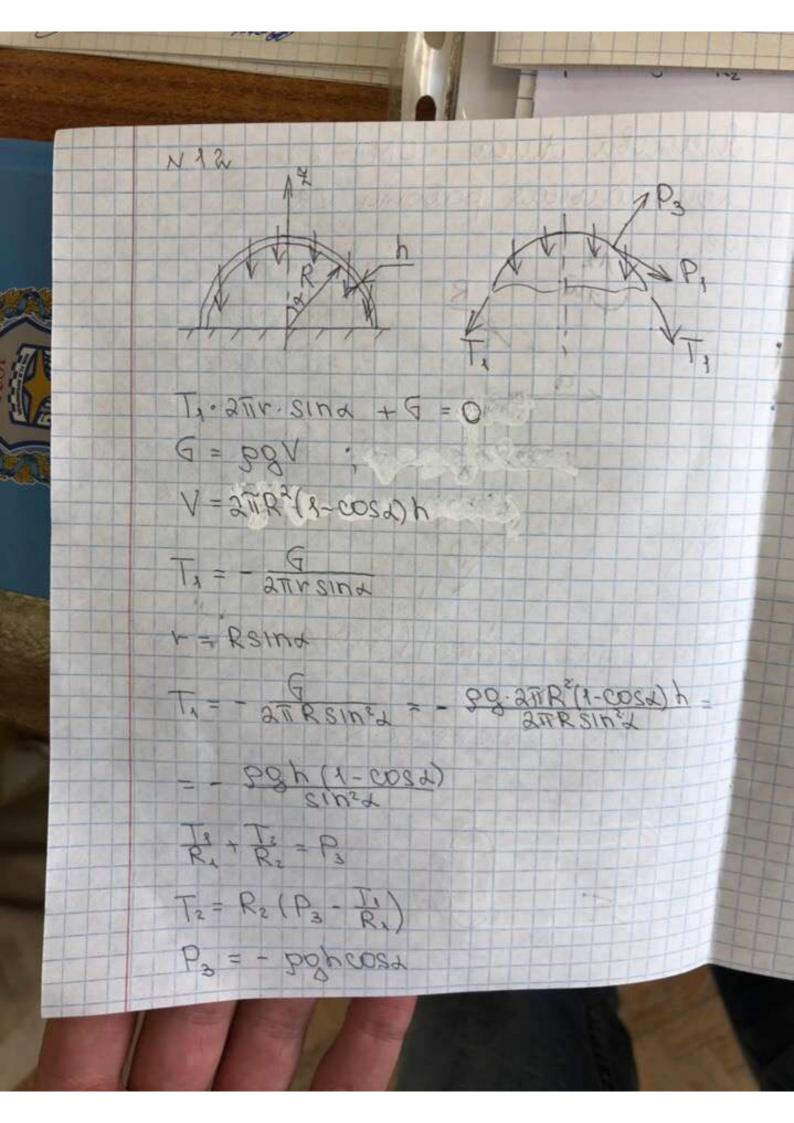


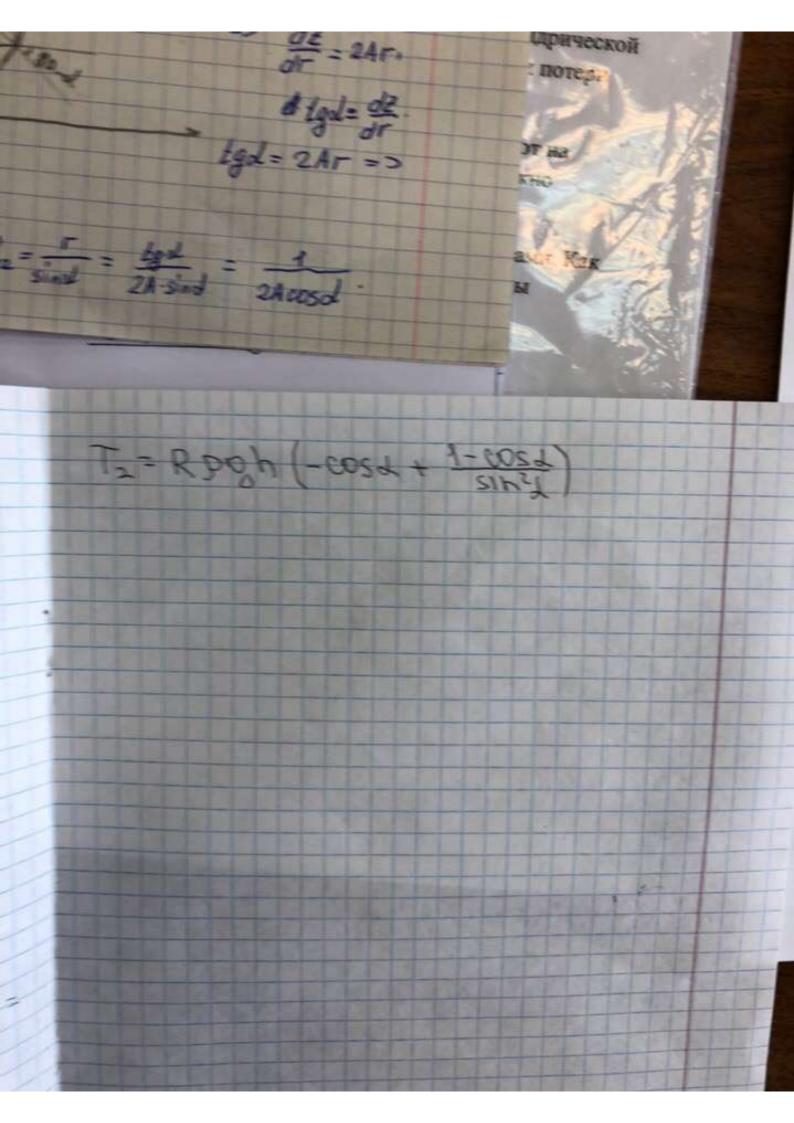


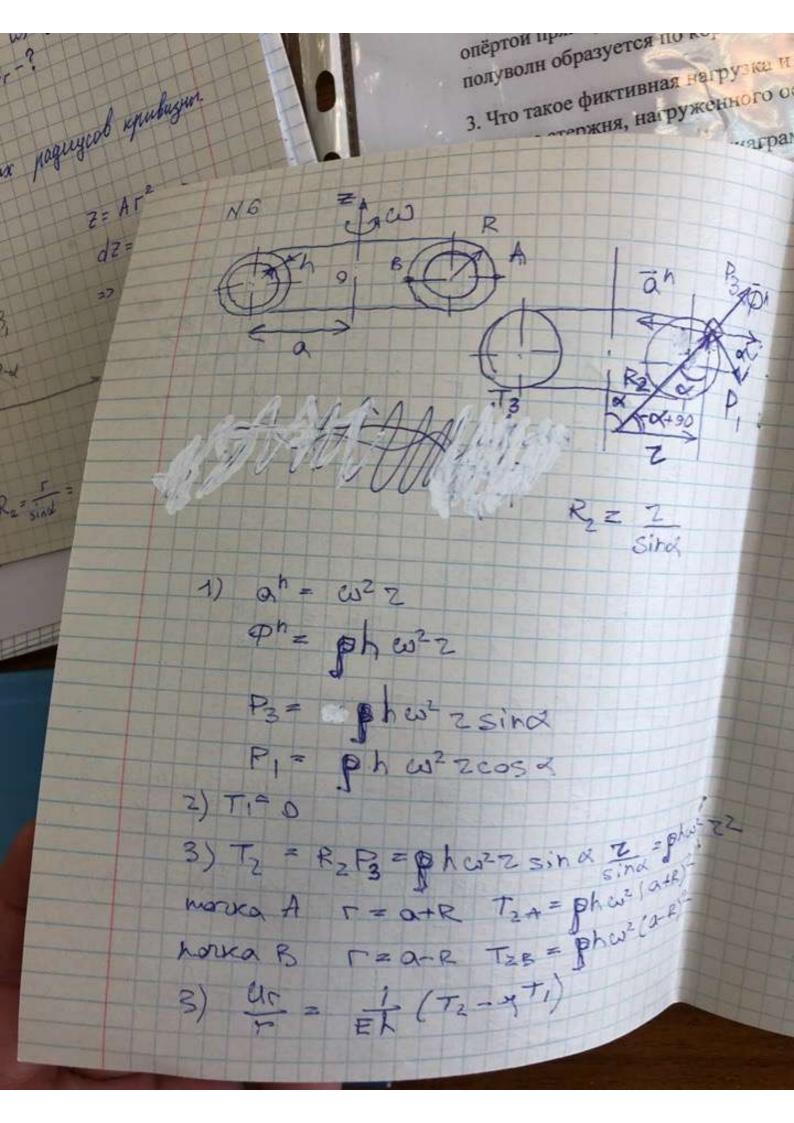
$$\frac{T_{1}}{R_{1}} + \frac{T_{2}}{R_{2}} = P_{3} - \frac{T_{1}}{R_{1}} = P_{3} - \frac{P_{1}}{R_{1}} = P_{3}$$

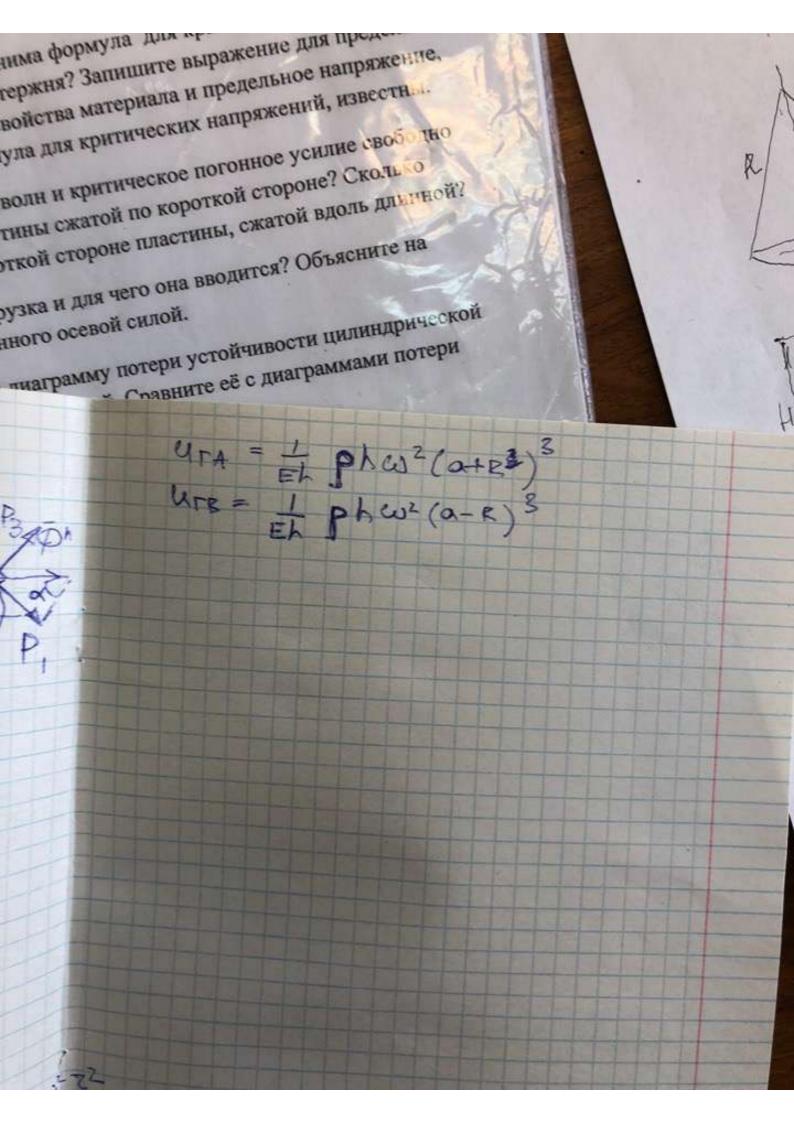


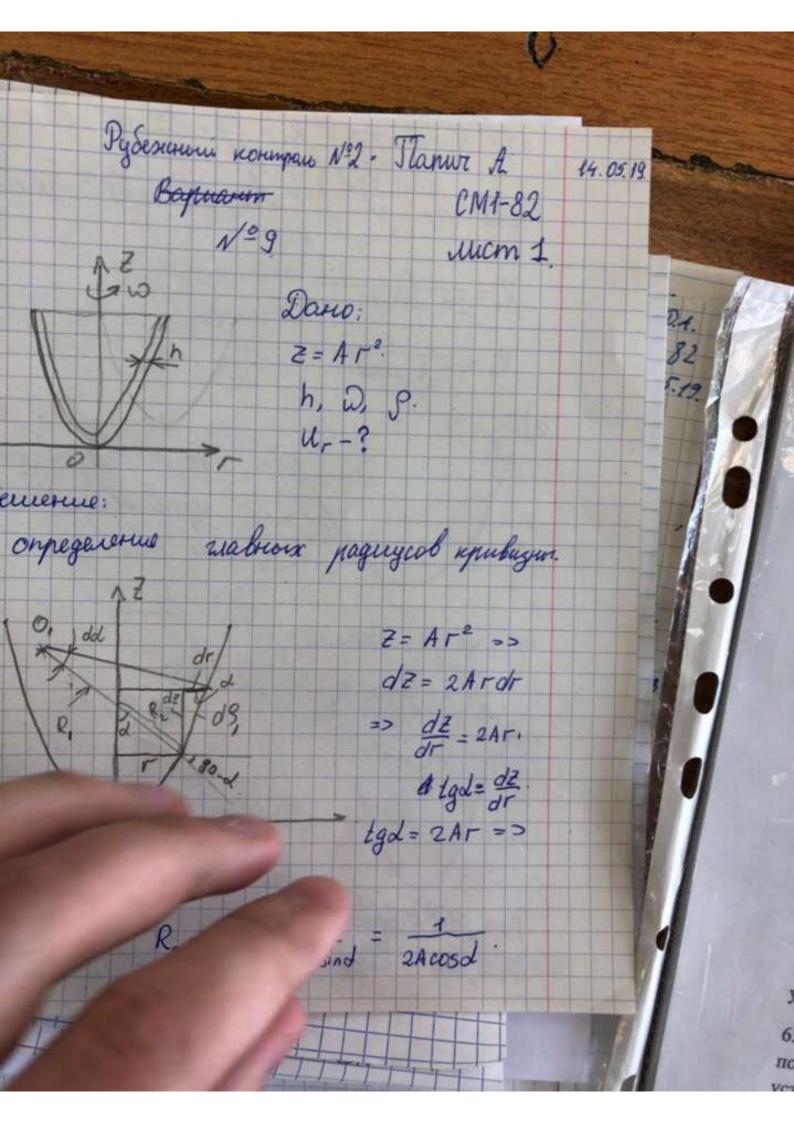
Icerroba Luca CM1-82 Loundand paroma v & N23 an = wr Ph= phwin P, = P, 1005x = = phwreosa P3 = P"sind = = Phwsrsing T, = C + 1 (P3 cost - P, sind) rds. T2 = P3R = Phwirsing. R









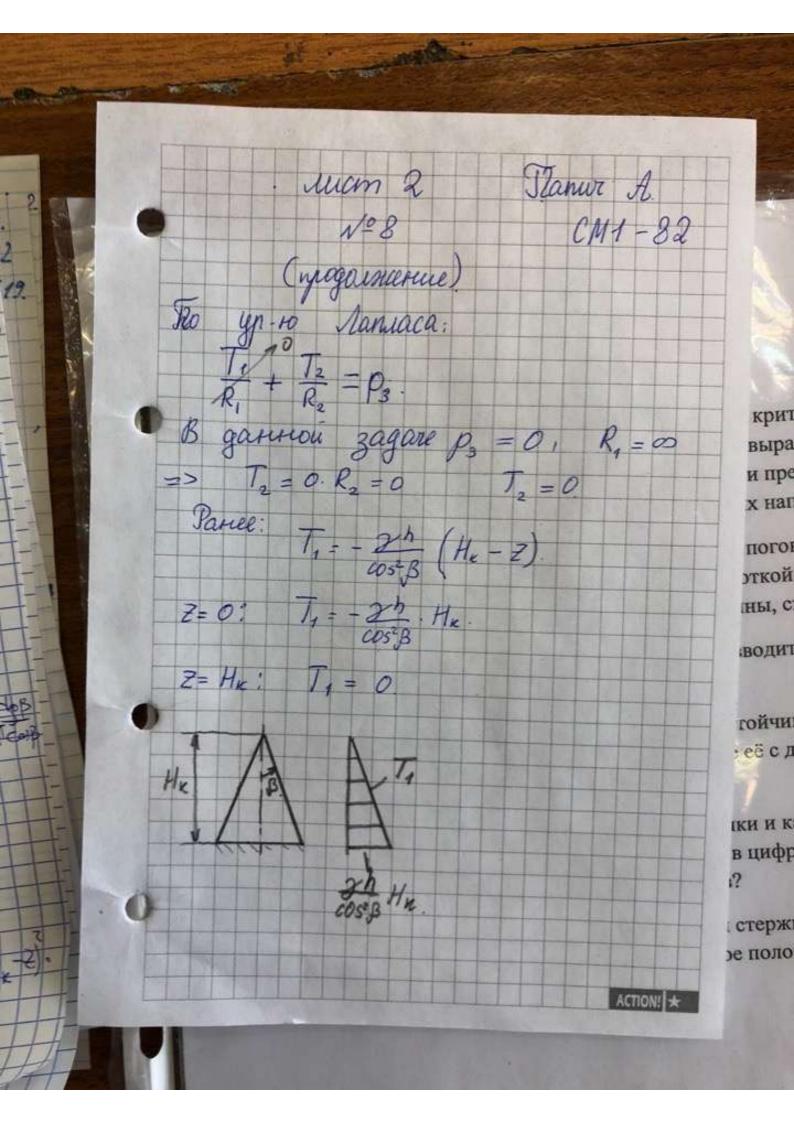


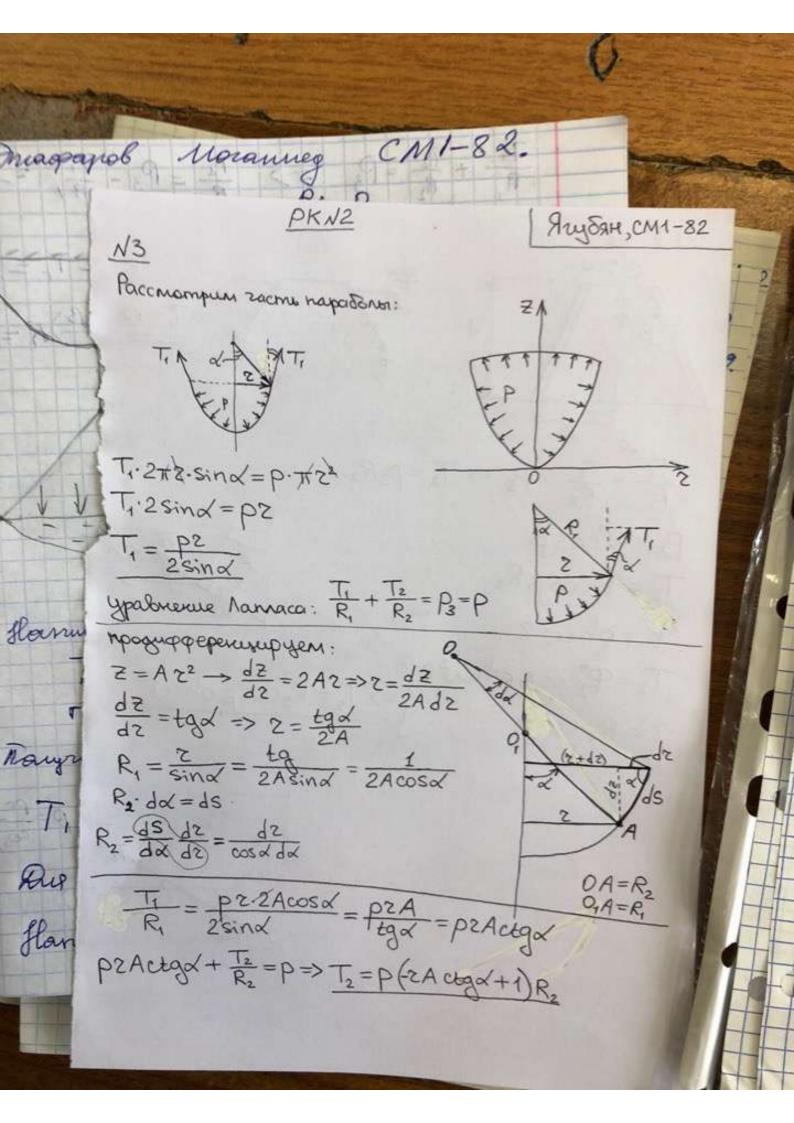
Drugge Pydesumu Koruman Nº2 - Tlanur A Bapuaren 14.05.19 CM1-82 Micm 1 Dano: Z= A 1-2 h, D, P. Percerue: определения главных радинусов привидия del Z= Ar2 -> dz = 2Ardr 2> de = 2Ar. A lgd= dz tgd= 2Ar = > sind- F => R2= F = tgd = 21 sind 2Acosd

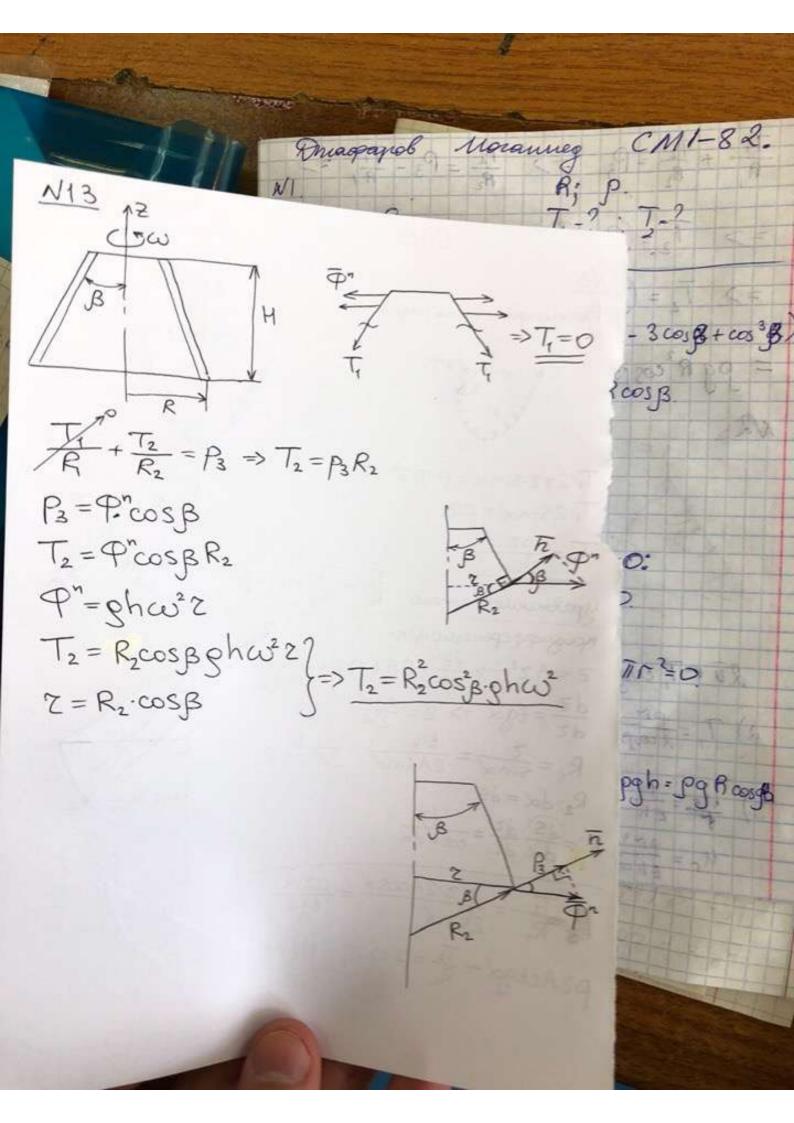
Druagage ds= R, dd => R, = ds dr = = $\frac{1}{\cos d} \frac{d}{dd} \left(\frac{d}{2A} \right) = \frac{1}{\cos d} \frac{1}{2A} \cdot \frac{1}{\cos d} = \frac{1}{2A \cdot \cos d}$ R, = 2A-cos 2 Ra = ZA cosol тк. научузка ypabnobenmbaen сана себя, то T, =0 по ур-но Латаса Ti + Te = P3 => T2 = P3. Ra p"= phor P3 = PHOP T BOOK Pi = pho 2 cash

CM1-82. apol Moranneg Te pider sind 1

2A cost = pide. Ящбян, СМ1-82 T = pwhr. sind. R2 = pwh R sind. R sind. R= = pwh sin 2. R2 = pwh sin 2 44 cos 2 = = pwh 42 2g2d. Paguantroe neplemenserne: Ur = 1 (T2-11/1) = 1 T2 Ur = 1 - 1 T2 = R2 sind 1 pwhin tgid = = 2A cosd sind I pwh 1/4 Lg 2 = = 1 PW tg3d. Ur = 1 90 2 232. Nº 8. Dano: B, h, P, R







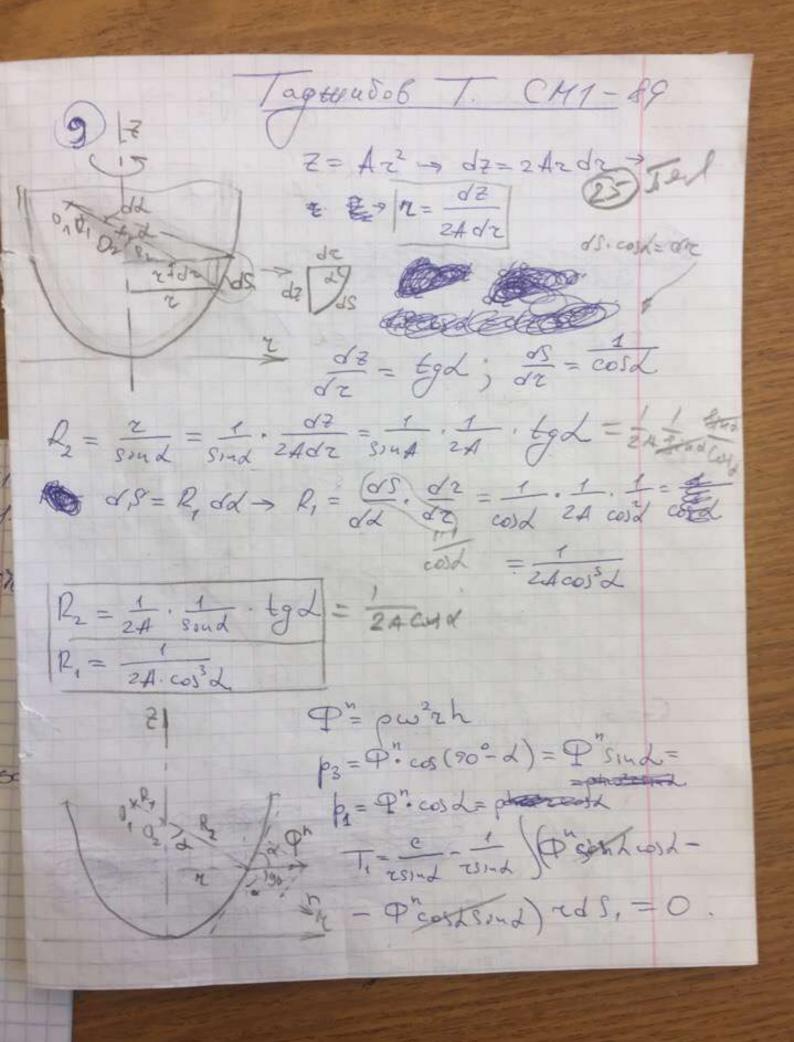
Moranneg G-pgV. V= 11R (2-3 cos 8+ cos 38) P=pgRcosB florrumen yp-e pakn-2: EF = 0: T, - 2 1 T Sin 8- G+ P TT = 0. r= Rsings T, 211 R sin 2 8 - 6 + PTIT = 0. TI = 6- PITE 2 Die mugnocmu: P3 = Pmuy = pgh = pg R cosgs Harmen ype lannaca:

Фиафаров Моганнед СМ1-82.

R; Р.

Т,-?; Т,-? 6=pgV = 1 $V = \frac{\pi R^3}{3} (2 - 3\cos 3 + \cos^3 3)$ R P P=pgRcoss florrumen yp-e pabn-2: EFy=0: T, - 2 1 T sin 8 - G+ p 11 = 0. r=Rsings. Naugrum: T, 211 Rsin 3-6+p111=0 TI = 6-PIIG P3 = Pmuy = pgh = pg R cosgs Die neughoemu: Hannen yp-e lannaca:

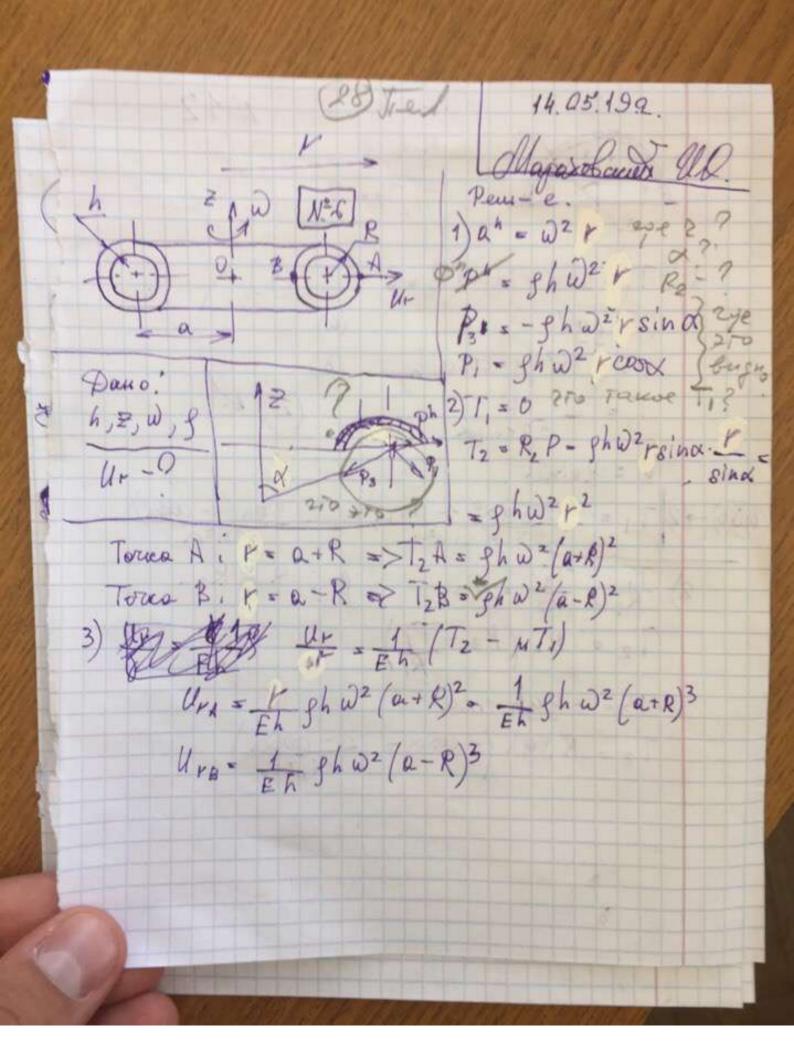
$$\frac{T_{1}}{R_{1}} + \frac{T_{2}}{R_{2}} = P_{3} - \frac{T_{1}}{R_{1}} = P_{3} - \frac{P_{1}}{R_{1}} = P_{3}$$

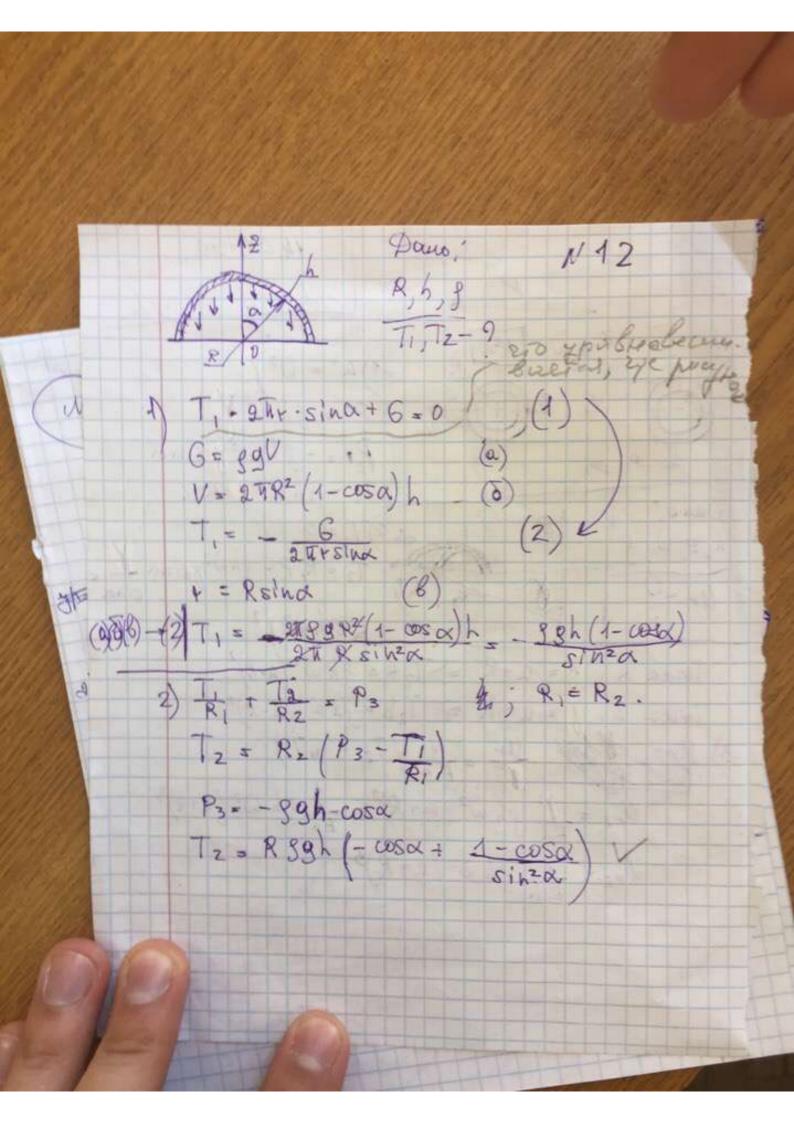


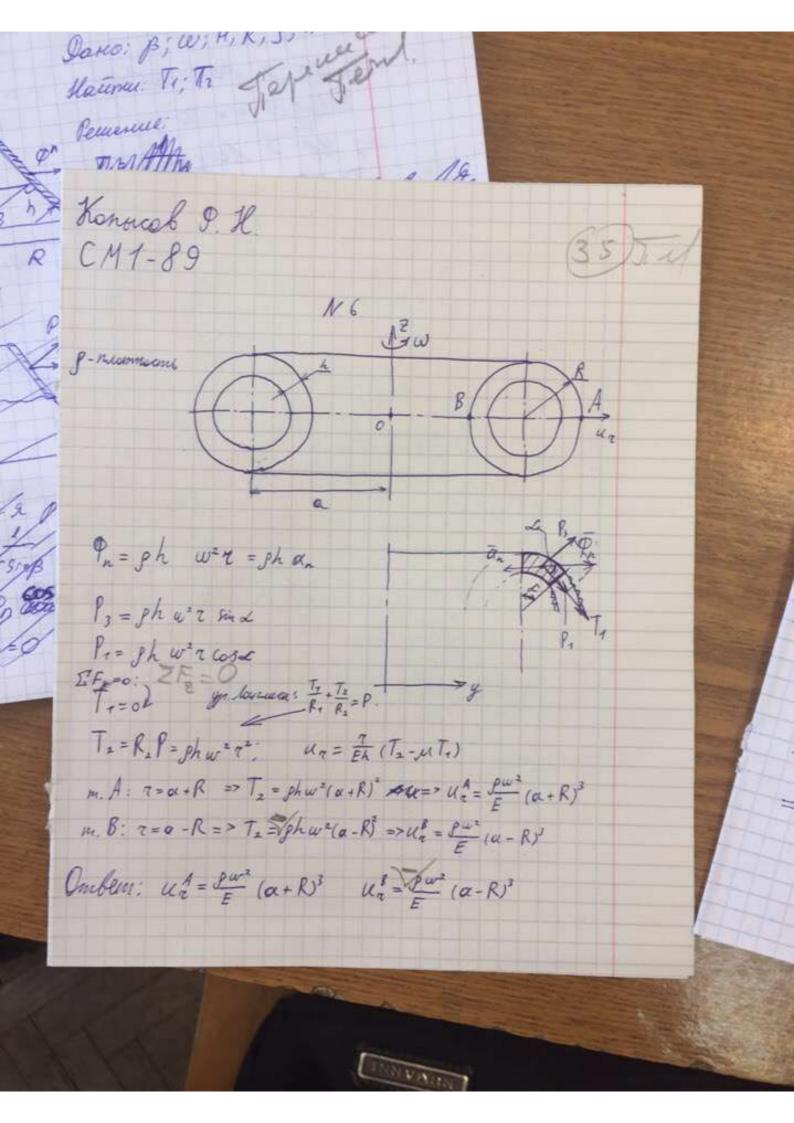
No y Jamaca: 2 + 12 = p3 > > Tz= p3 R2 = P"smd. 1 . 1. 42= EL (T2-11) = EL T2 Hyper \$ B= Hx > +1x= 49 B - tgp => 2= 74gg h(Hz-2)2 or 198 B 2700 gopayo T, . cos & . 2717 -> T_= C= 2712 cos 18

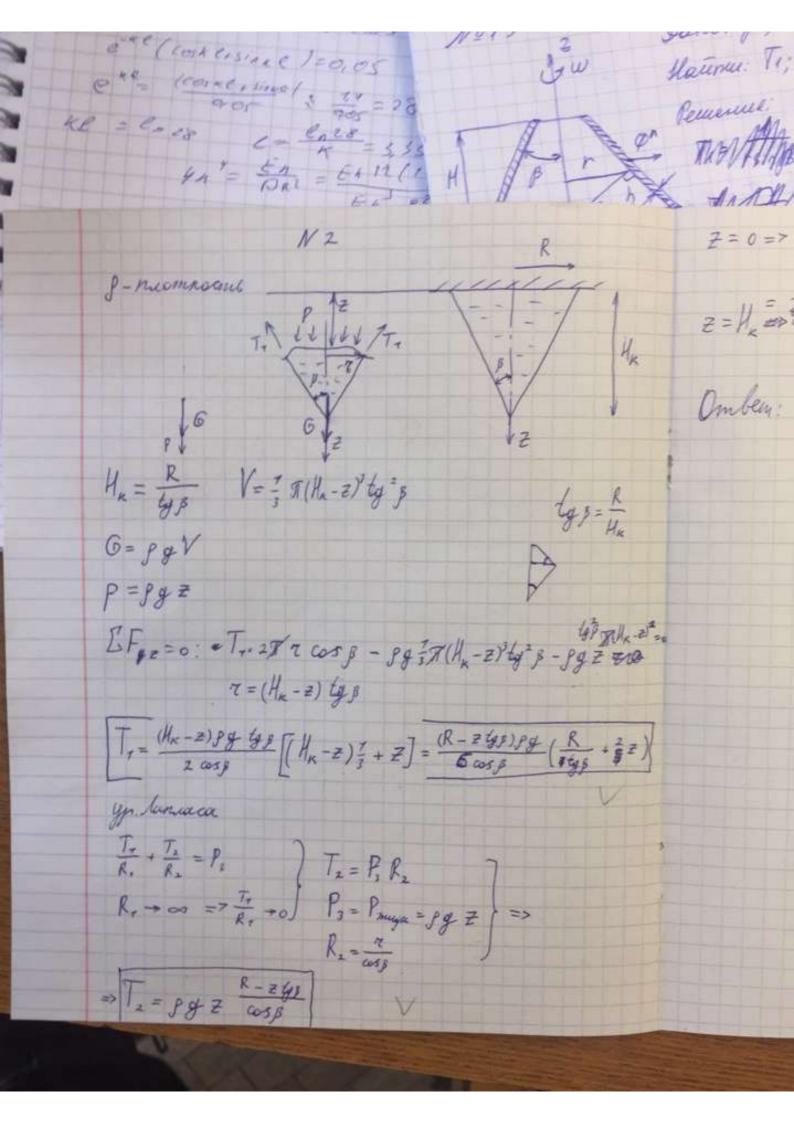
No yp. Jahnaca: Fi + J2 = p3 =>

> T2 = p3 R2 P3 = 8. h Sin B P3 = G. SIM B. 277. 249 P. h. 277. 249 P. h. 277. 249 P. 277. 249 P. h. 7 GSINB - 245 GSINB GSINB GSINB COSB - 27 COSB h 27 h этой формие Z от вершини конца? dobrant & or octentioned Konges







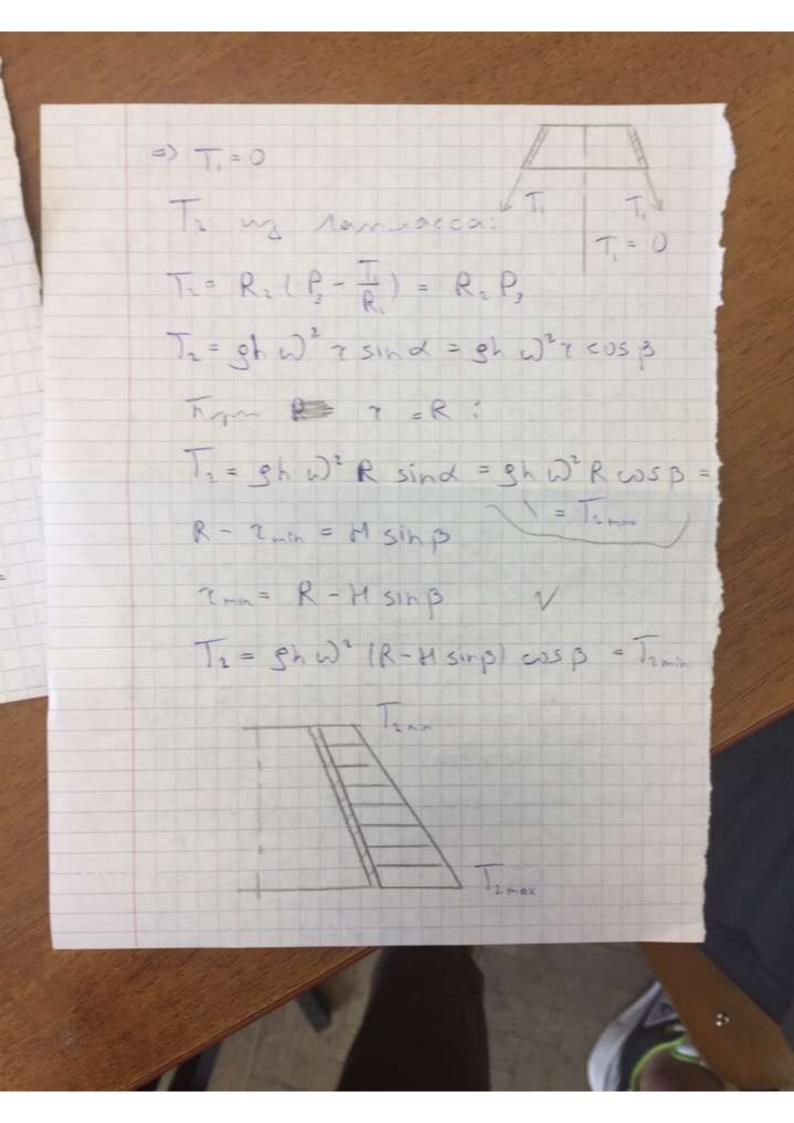


Herman To; To garage or femeral X seccession of the Z=0=> T= RAY R = ABRA TEN Z=H= 8 => T, = 0: T, =0 Omber: == 0: T= = P&R2 . T=0. Z=H, T,=0, T,=0 1/K-2/20 章 =)

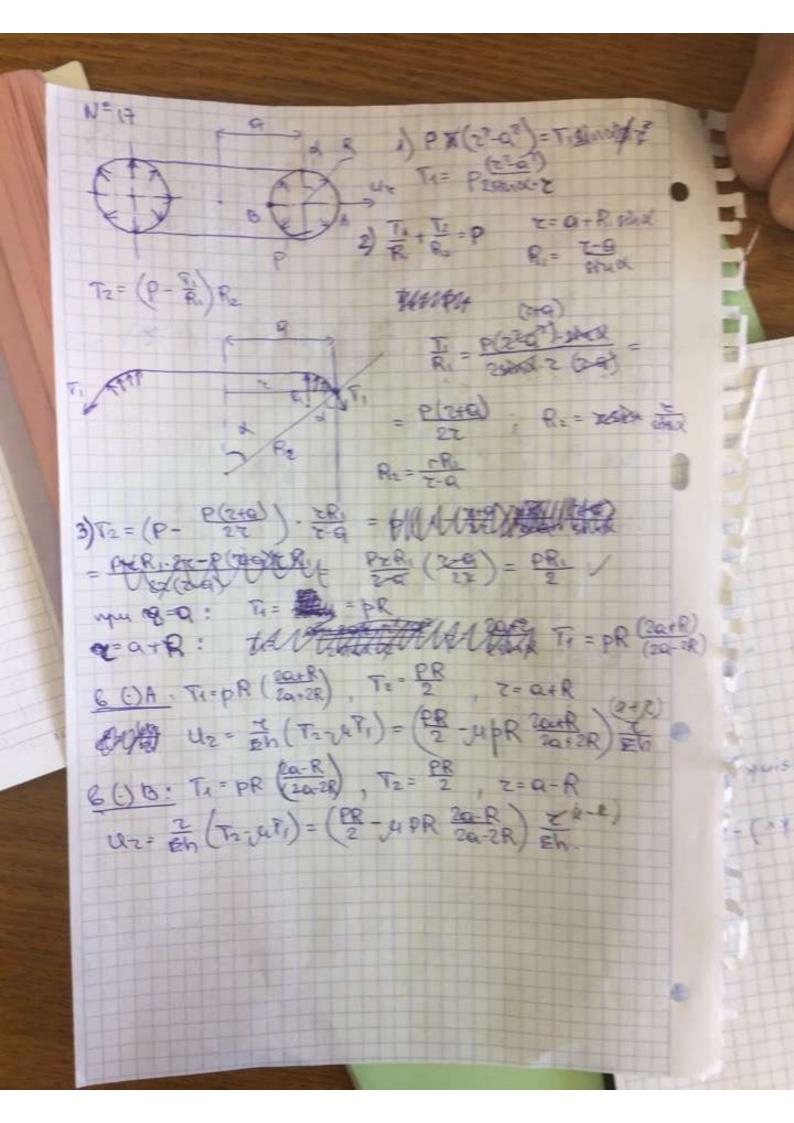
14.05.124 Consquered T. P. (35) Jel Bagana N 17 T. sind 277 = TIP (2'-a) => T = P(22-02) $T = \alpha + R_1 \sin \alpha$, $\frac{7-\alpha}{R_1} = \sin \alpha$ $T_1 = \frac{P(2^1-\alpha^1)}{2\pi(\pi-\alpha)^2 R_1} = T_1 = \frac{P(2+\alpha)R_1}{2\pi}$ In me lamacca I + T2 0 P - T2 - (P - T) R2 R2 = TR.

=) T2 = TR. (P - P(2+a)) = = PRIX (2-a) = PRI V Ma= T (Ta- NT.) Comment & m A: r= a+R T, = PR(20+R) , Tz = PR. Mr = a+R (PR + MPR 2a+R) = = PR (a(1+2m)+R(1+m)) V D m B 7 = a - R $T_1 = PR(\frac{2a-R}{2a-2R}), T_2 = \frac{PR}{2}$ M== = R (PR + MPR 2a-R)= = PR (a(1+2m)-R(1+m))

7 + 40 E A) TI = (20 + 10) T. = PR The Party Since C15 0 P. P. T. OSEK 90, - 91 w = - 9h0 4 Sind + Teased (P. cosid = P. sind) rds, + Taina P. Stana was de coad and . -) C = 0 1 min K K = 0 , 7 = 0



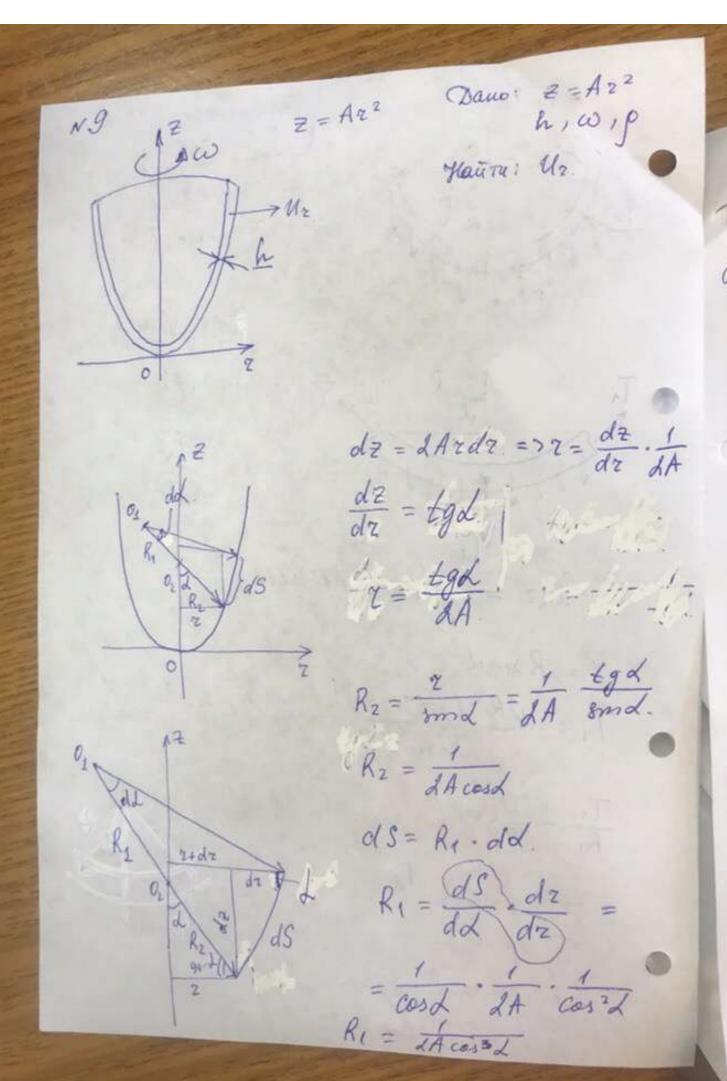
Robertold Kermen Chil El spender of photosis F. White Holde Cosa The State of ma rays age Pa- (35) voyle RRS R = 550/20 Un- En (Town V) - En Por En En 150 8 = R2 cox p go = R2 cox 15 pkds co c Bacola bear A = Pi- mynower Tomas &



Ящбян, СМ1-82 PKN2 N3 Paccompum sacrue napadenos: T. 2#8. sind = P. # 22 Ti2sind=PZ $T_1 = \frac{P2}{2 \sin \alpha}$ ypabnemie Namaca: $\frac{T_1}{R_1} + \frac{T_2}{R_2} = P_3 = P$ mpoguppeperusupyem: $Z = A z^2 \rightarrow \frac{dZ}{dz} = 2Az \Rightarrow z = \frac{dZ}{2Adz}$ $\frac{d^2}{dz} = tgd \Rightarrow z = \frac{tgd}{2A}$ Rio Sind = 2Asind = 2Acosd Revolute ds $R_2 = \frac{dS}{dx} \frac{dz}{dz} = \frac{dz}{\cos x \, dx} \quad R_1 = ?$ OJA=Ri TI = przacosa = pra = practga P2Actgx+ T2=P=>T2=P(2Actgx+1)R2 Trefergiaer R1482- R1-He Haugers $\frac{T_1}{R} + \frac{T_2}{R_2} = P_3 \Rightarrow T_2 = P_3 R_2$ P3 = P. "cosB T2 = ProspR2 P=ghw22 Tz = Rzcospghw27 Z=R2·cosB

Сеньшимой Т.А. CM1-82 Dano: Rihip Найти: Ти и Т2 -? G= pgV = zV P= pgh 7 = 99 (35) Tens WC P $T_1 \cdot 2\pi z = g \cdot 2\pi R^2 (1 - \cos L) h$ Z = Romd T1 = JR 2 (1-cosd)h

Romd = JRh 1-cosd $\frac{T_1}{R_1} + \frac{T_2}{R_2} = P_3$ $R_1 = R_2 = R$ T2 = P3. R - T1 P3 = pcos L Tz = pgh Reasd - pgh R 1-cosd Tz = pghR [cosd - 1-cosd



Сеньшешой Т.А.

 q^{n} T_{1} q^{n} T_{2} q^{n} q^{n}

 $\varphi^n = gga_n = gg\omega^2 z.$

 $\frac{\overline{T_1}}{R_1} + \frac{\overline{T_2}}{R_2} = P_3 => \overline{T_2} = p_3 \cdot R_2.$

P3 = 9" sm L.

Tz = ggw2z md. Rz.

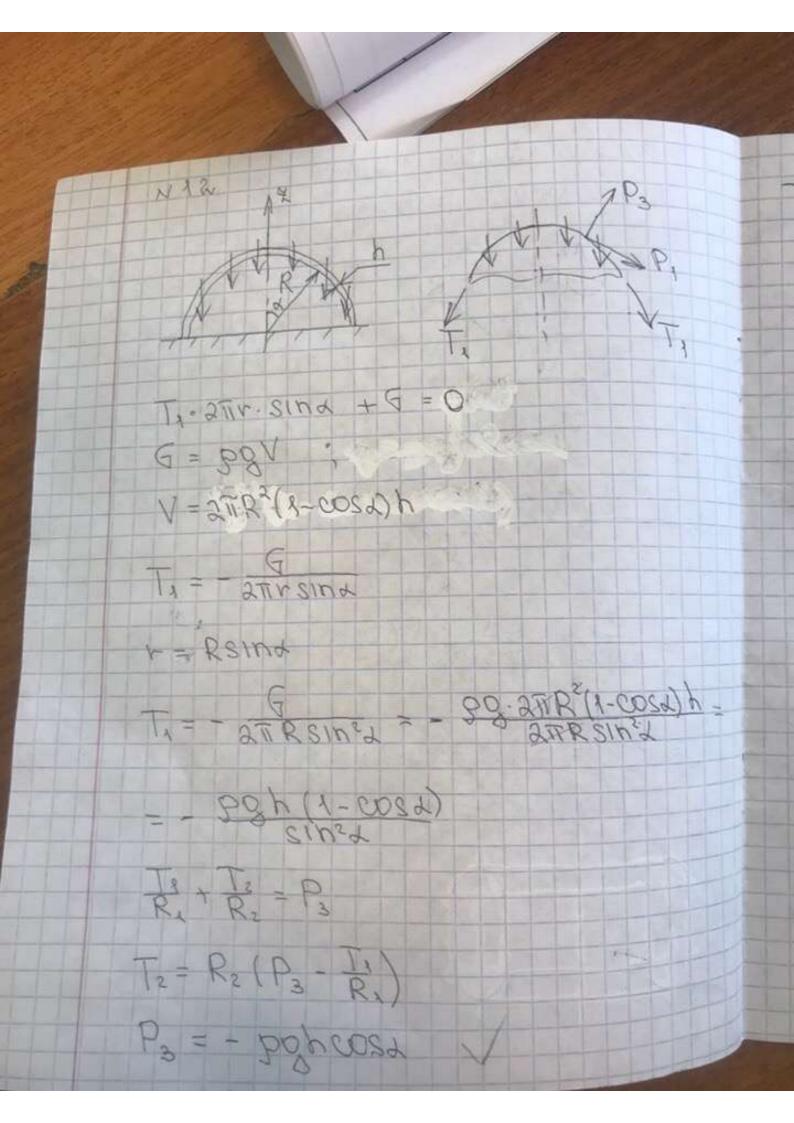
2 = R2 md => T2 = pg w 2 R2 m2 d =

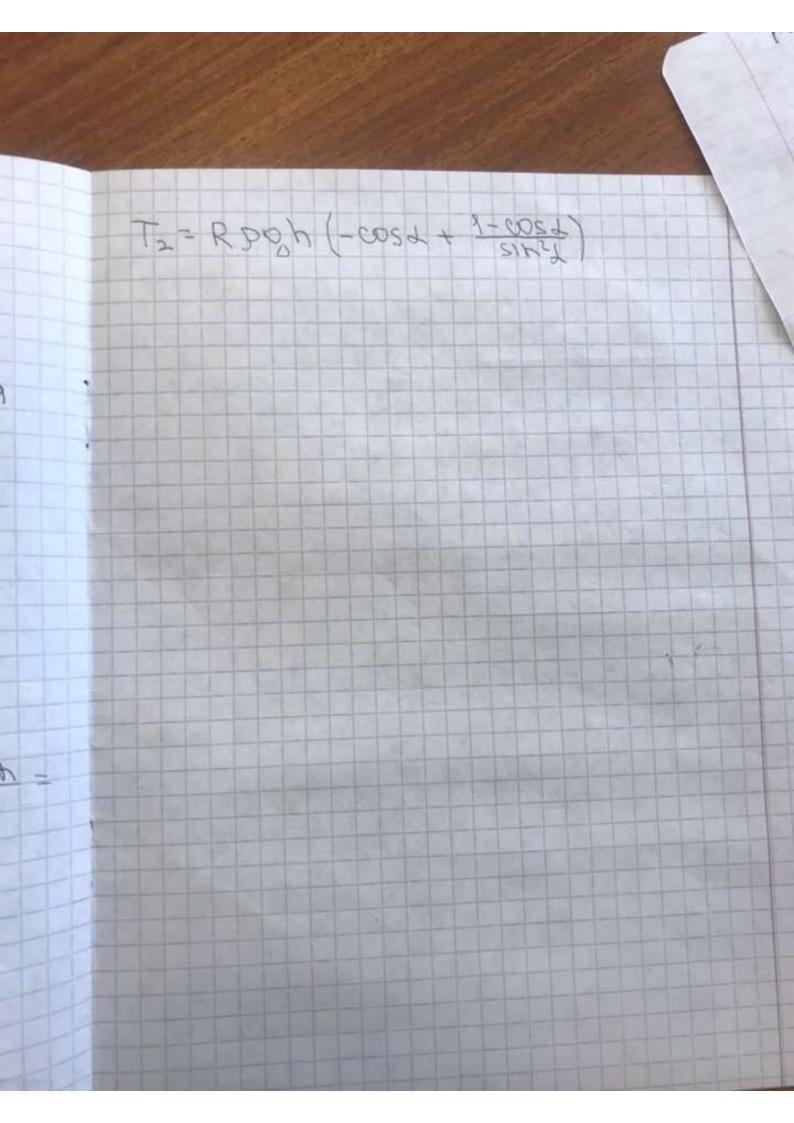
= pg w 2 sin 2 d /

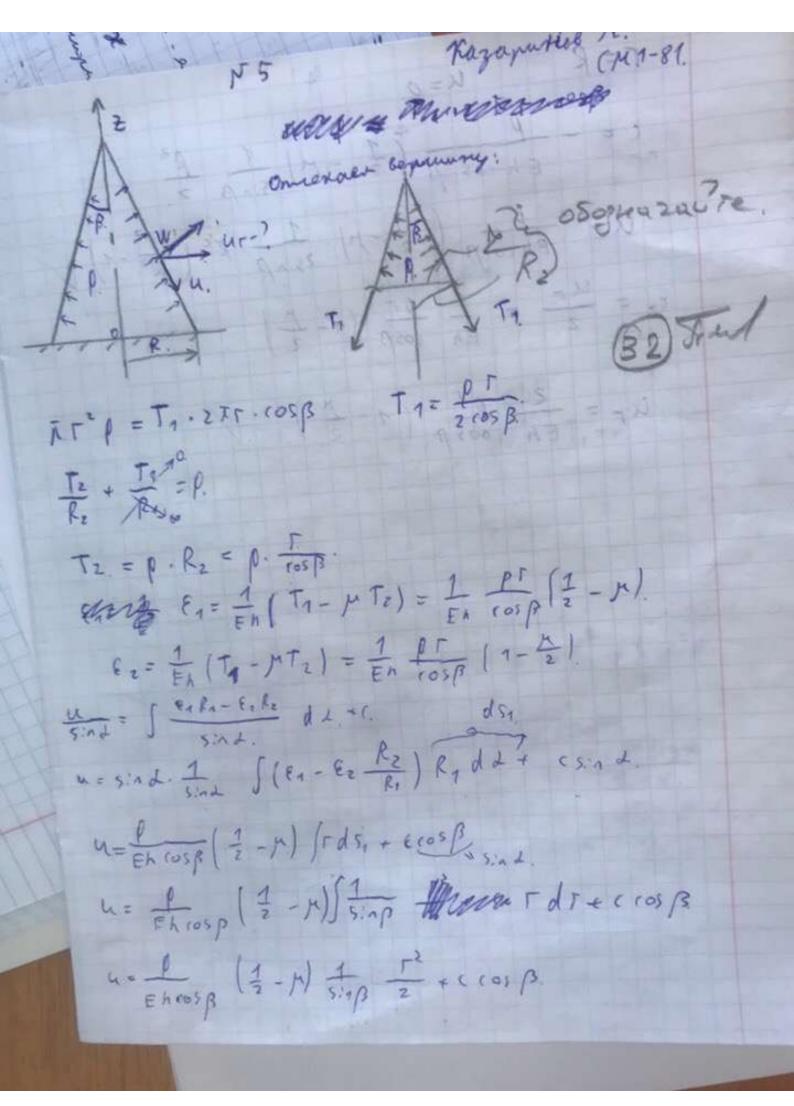
= pg w 2 sin 2 d /

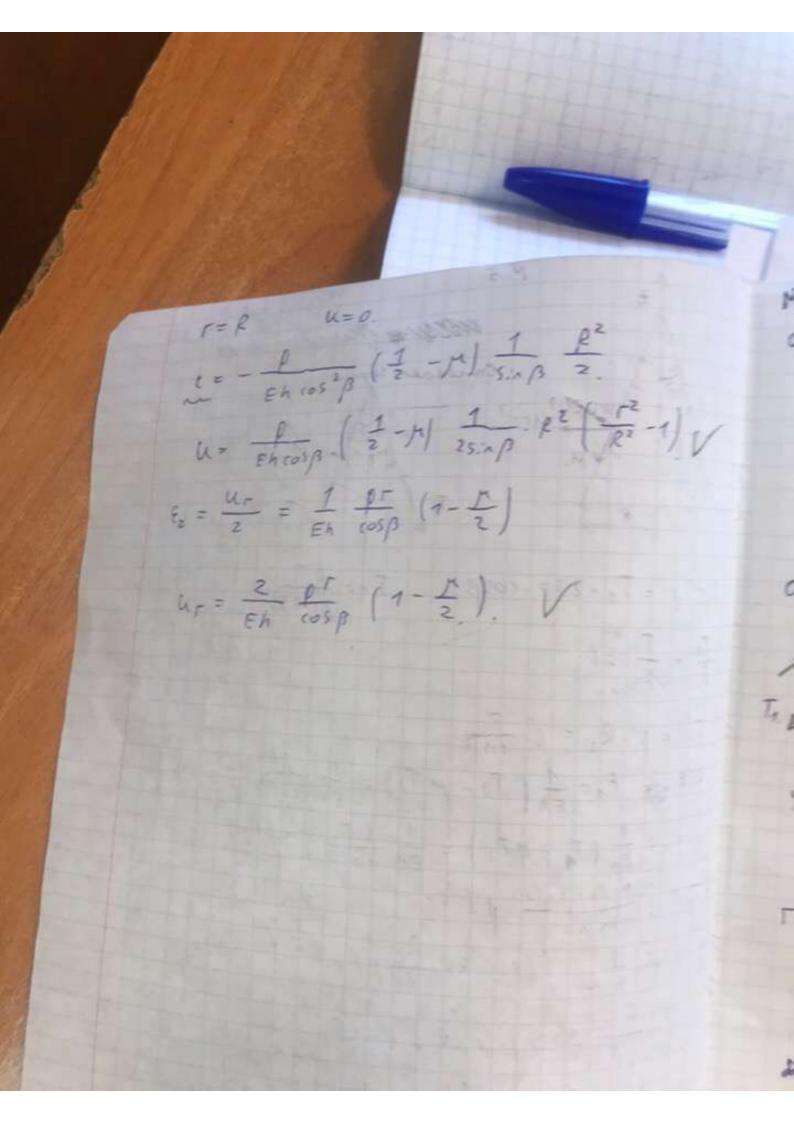
tg 2 d.

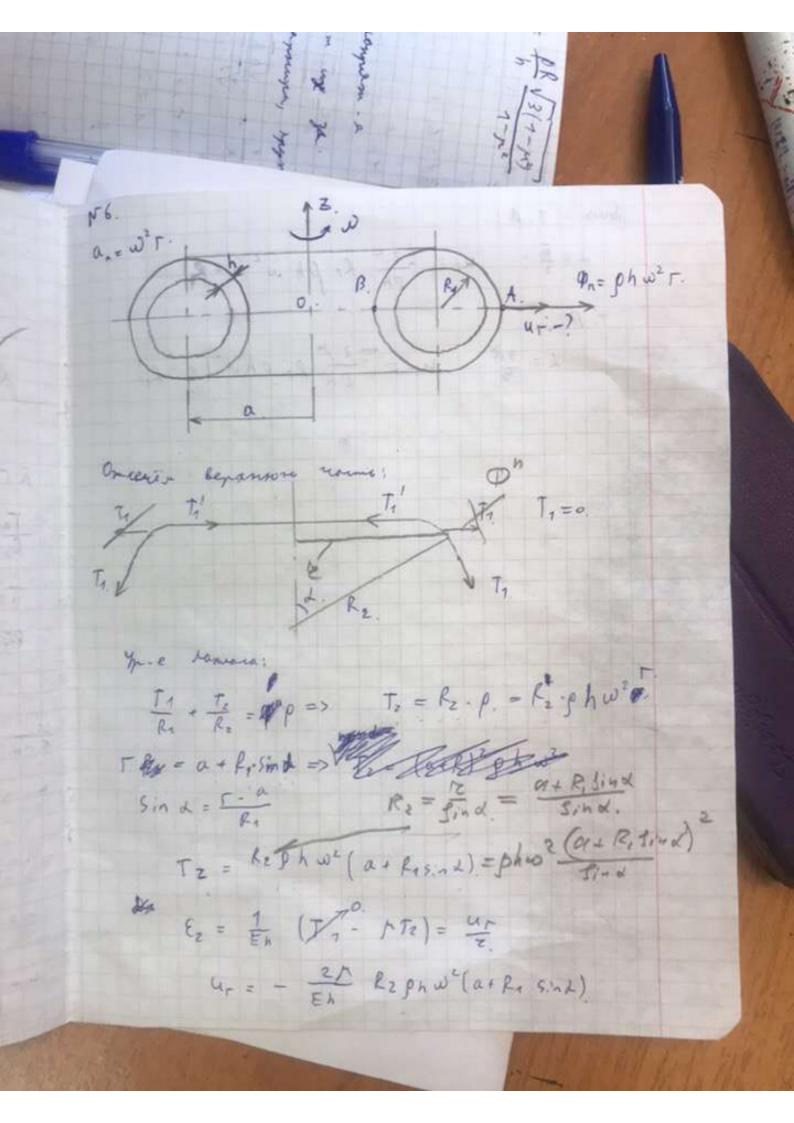
Icentoba Luna CM1-82 Kountousuas pasoma N & N23 a" = w'r (30) Ieu Ph= phw2r P = P " cosx = = phwireosa P3 = P'sind = = Phwsrsina rsing (P3 cost - P, sind) rds. T2 = P3 R2 = Phwirsinx. R2 TI + 12 = P3 а упинаруческая обалогия





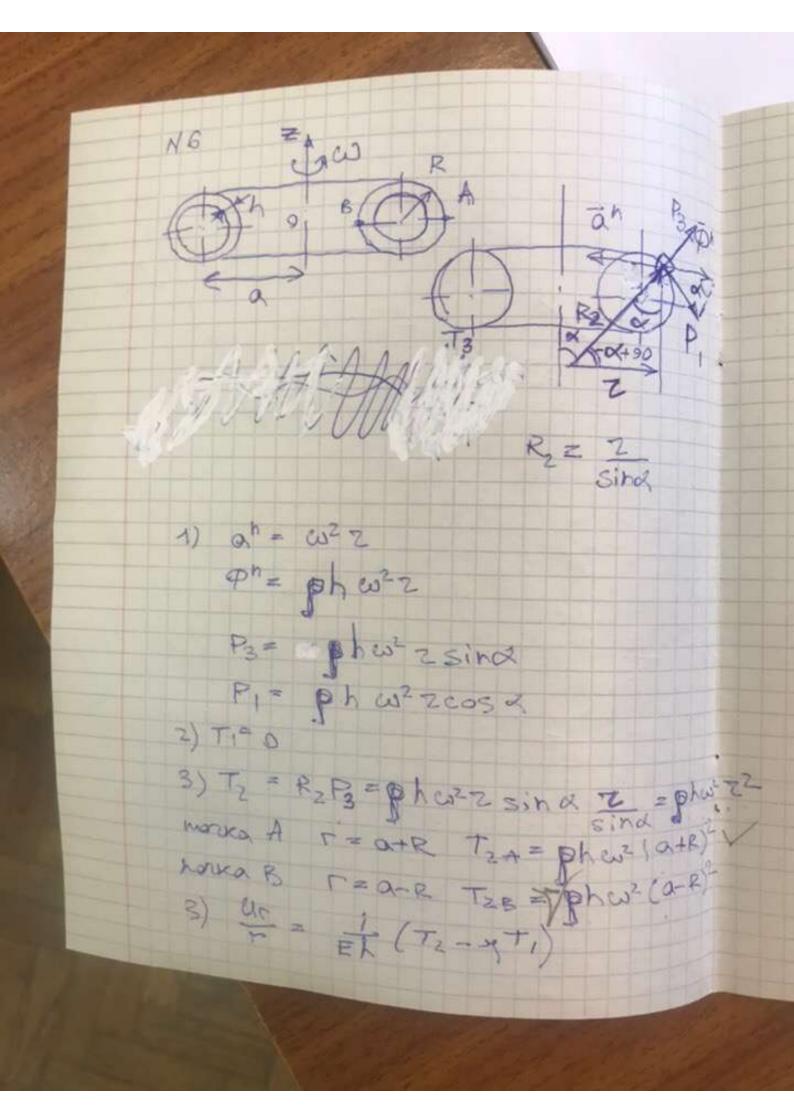




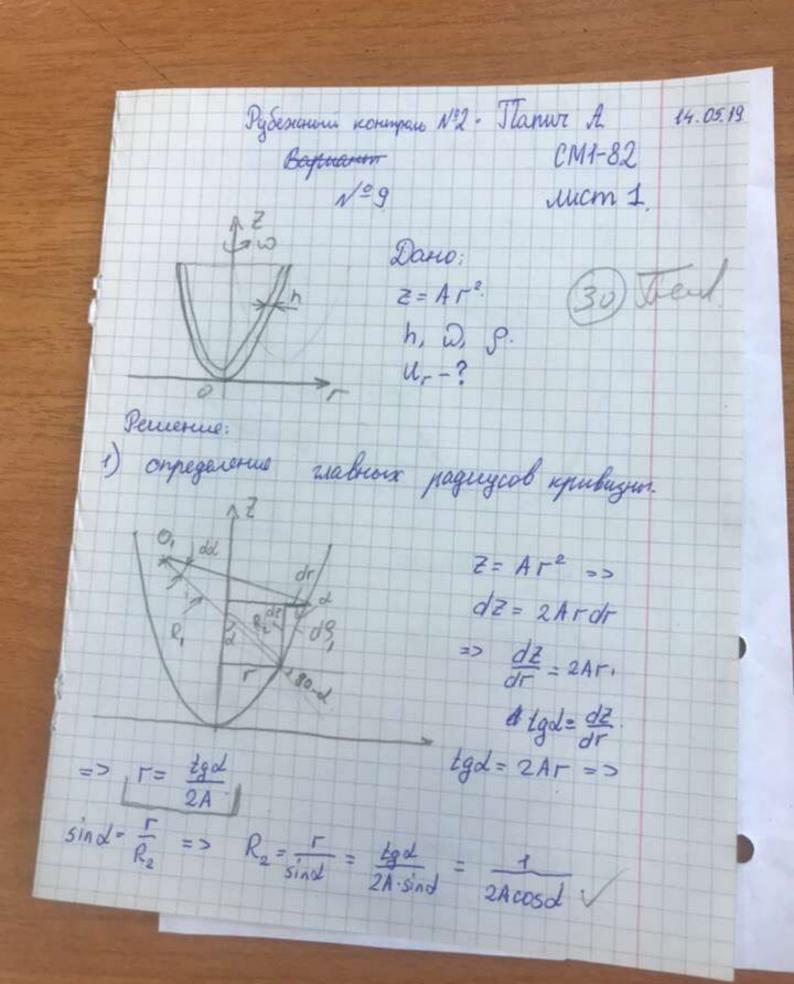


Dus T.A: 1= 1 : ur = t25 Rz ph w 2 (a+ Rx) T. B . L= 3/ ur = -2/ Fh Right (a-Ra)

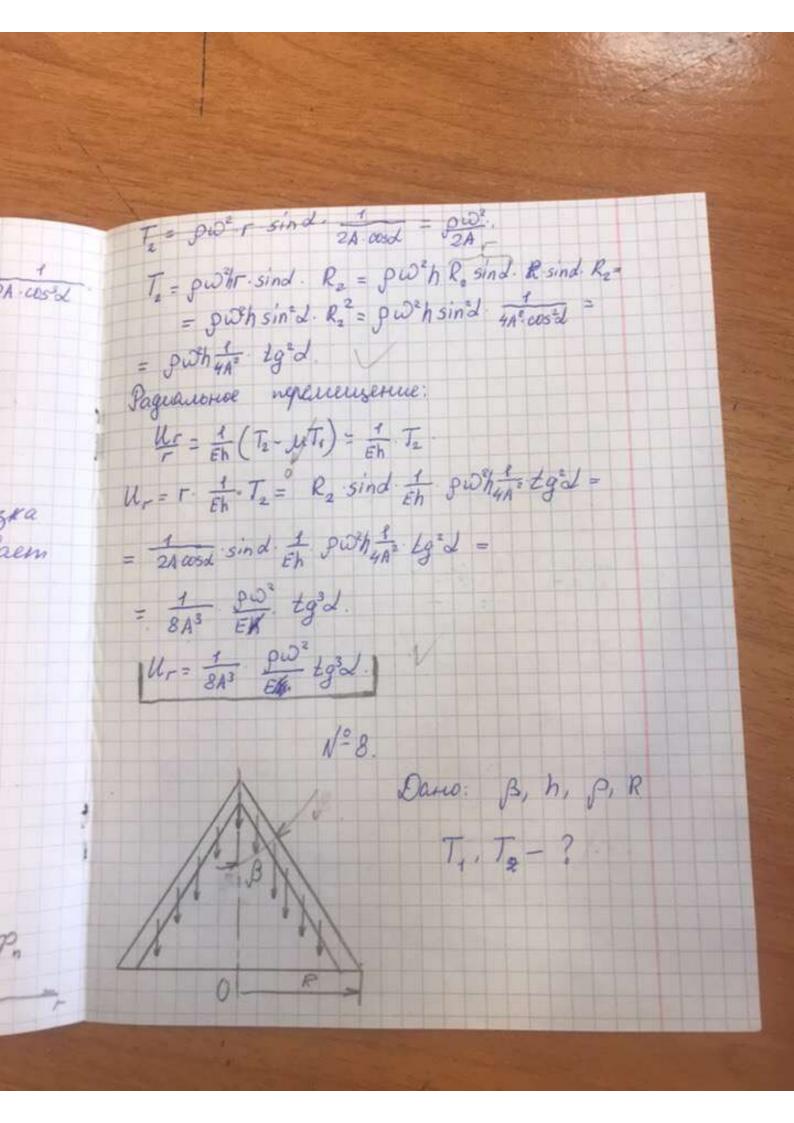
HR = R Muyed B. B CM1-82 R2= (HK-Z)R PT (HE-Z) 2 top sing T, - P (HK-Z) HKSINBB: T, 25 () P3=P 283028 / Hamicato T2= R2 (P3- T1) = (HK-Z) RP Birbs UT = (T2-3/T1) UZ= Z ((HK-Z)RP-4p(HK-Z)HKS, h2p)
Eh (HKOSP ZROSEF) Uz= (HK-Z) toBP (HKOSB - 2/R toZB) Uz=(R-ztgp)2P(tgp - 4tgp) EhtgB (GSB - 4tgp)

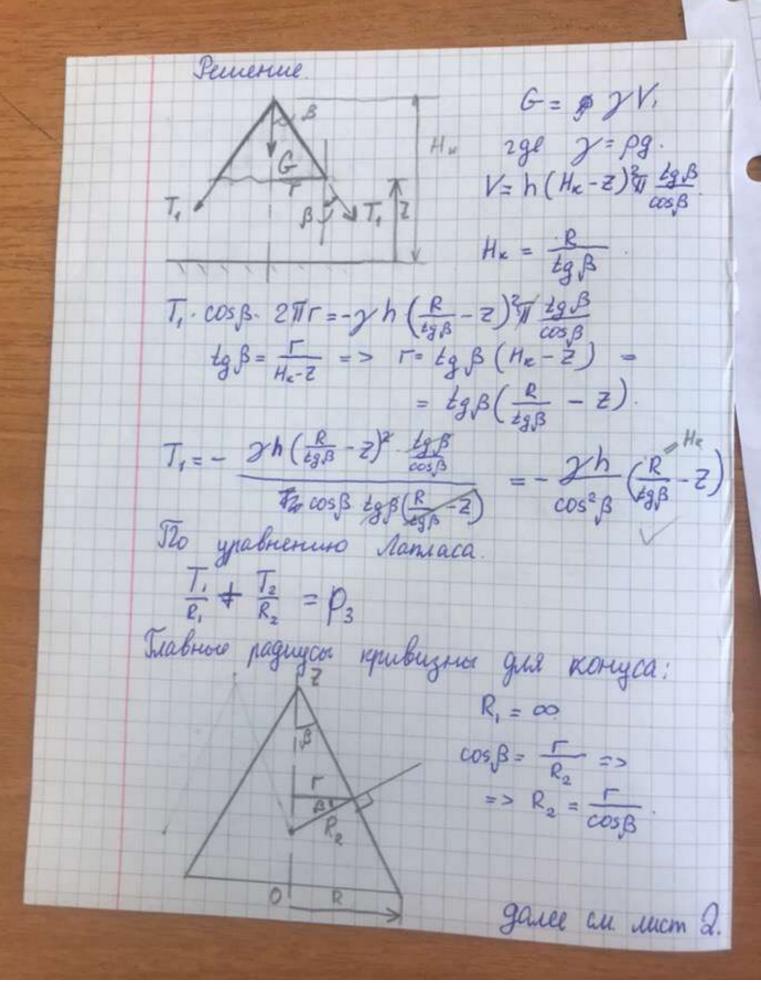


Доманнее задание №2 по дв Кафедра: Косми «Строительная механика» Вариант 15 UFA = I Phw2 (a+R3)3 UFB = VEH Phw2 (a-R)3 = 8 hour 22 / (a+R)2 / (a-R)2



18= R, dd => R, = ds, = ds, dr = $= \frac{1}{\cos d} \frac{d}{dx} \left(\frac{dgd}{2A} \right) = \frac{1}{\cos d} \cdot \frac{1}{2A} \cdot \frac{e}{\cos^2 d} = \frac{1}{2A \cdot \cos^2 d}$ R, = 2A-cos3 d Ro = ZA cosal т.к. научузка упавновешивает сана себя, то T, = 0 по ур-но Латаса T1 + T2 = P3 T2 = P3. Ra P"= phw2r Ps = Pho - sind P. = pho2r cost





5) + (on:52) + 050 fishe on . Tlanur A. man 2 CM1-82 Nº8 (угоданиение) Яго уп-но Лапиаса: Pg. В данной задаче рз = 01. 18 tg.B => T2 = 0. R2 = 0 Panel: T. = - 2/3 (He - Z) Z=0: Ty = - 2h Hx. Z= HK: T1 = 0 HK ACTION! *

Cayana not D.A. Pon= H= Rotys V=4-2 R= = pg = 2 (RC+9,8 = 99 (R (198-2) \$ 19 kg = 1 pg (R (19 B 96 -8)2 x tgs 016

