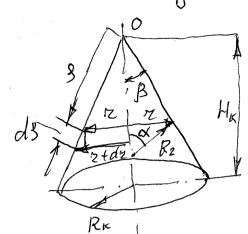
Heocecuseuse per mor rearly we keep Sejeenentros oбольчию.



Bromneroz o Solozke a=const, R > 0 Rz=Z ds = Rida dr=Cordds.

y - 3 que kongea us odesex espobre-ples sejevoleentres odolorvée tobre

$$\frac{\partial T_1}{\partial g} + \frac{(T_1 - f_2)}{3} + \frac{\partial S'}{3 \cos \alpha} = -P_1$$

$$\frac{\partial S'}{\partial S} + \frac{2S'}{3} + \frac{\partial T_2}{3 \cos \alpha} = -P_2$$

$$\frac{\partial S'}{\partial S} + \frac{2S'}{3} + \frac{\partial T_2}{3 \cos \alpha} = -P_2$$

T2= p38 ctod.  $P_i = P_2 = 0$ 

Jycio Kouye norpywere berpolo? rearpyro?

bugo P3 = - Pose CoshB Econ h=3

ora uneer

Paggerren reperence

$$T_{i} = \sum_{n=1,2...}^{\infty} T_{in} Coin\beta, T_{2} = \sum_{n=1,2...}^{\infty} T_{2n} Coin\beta$$

S' = Z Sy Sihha P3 = Z P3n Colh B Trof crabelle & ucx of ever ypoblierens dtin + Tin-Ten + nS/4 = dS4 + 25/n - n T20 = 0 Tan = Pansotga.

Theophagger grabuemer i begg gyotholey gry unterperpolariens  $\frac{1}{8} \frac{d(ST_{in})}{ds} = \frac{T_{2n}}{5} - \frac{nS_n}{5\cos d}$  $\frac{1}{9^2}\frac{d(3^2S_n)}{d3} = \frac{n}{3\cos d} T_{2n}$ Tan= pan & dyd. Trogeraleere Tru u pan la bropae gpalueune de (825) = - n32.32 Po orkegga Sh = - 185 1/ 52 Po + Sh = npy 8=0 Sh=04 uz freptiso problecient 1 d(3 Tu) = - Po 3 ctgd + n233 Po 1 =  $= -p_0 s^2 \left( ct_{\varphi} d - \frac{h^2}{58ind Gold} \right)$  $0 + \kappa y g = T_{in} = -p_0 \left( cty \alpha - \frac{2n^2}{5 \sin 2\alpha} \right) \frac{3^4}{4 \cdot 3} + \frac{C_{2n}}{3}$ npu 3=0 Tin=0 -> C2=0 Uran Tin = -po (dyx - 2n2 ) 33, Ten = -postgd, 5= - 183 postgd pacceroquer coegrai n=1, T.e  $T_{W} = -p_{o}\left(ct_{g}x - \frac{e}{5-8ih2x}\right)\frac{3}{4}$  $T_{21} = -p_0 s^3 d_0 d$ Shi = - mg3 po. beifebogi Horpegua n=1 Borgywae nanpa Beerces -To = The Costs - Make My &=0  $S_{\parallel} = S_{11} \sinh \beta - wake upu \beta = \frac{J_{1}}{2}$ 

Harpy wekere issurrection observer RZ RZ 7=8 Coja = 88 in B Ucuologgen yp-8 b ravicoux uporgloglesex  $\frac{\partial T_1}{\partial s} + \frac{T_1 - T_2}{s} + \frac{\partial s'}{s \cos \alpha \delta \varphi} = 0$  $\frac{\partial S'}{\partial S} + \frac{2S'}{S} = 0 \quad \text{Tik } T_2 = 0 \Rightarrow \frac{T_1}{R_1} + \frac{T_2}{R_2} = 0$ 213 nocuequero ypobreener  $\frac{\mathcal{I}(3^2S')}{\mathcal{I}^2} = 0 \longrightarrow S' = \frac{F(4)}{4^2}$ rye F(4) - que uneque, ree zalon except or 3, a toloko or y ze e q. Pabrobeque Tracin Rolbya (ceretue 3). B Mouzbolouse cereen npoeceper cuebe. To to B togg Cosp of Ti cuipuc. 1 rasq\_nuero & M= STOCUB Confordp=JTTOCOBY

Breazer Ti= M - M Traip 22 - M Traip 22 - M Traip 22 - M 7=8. Sinfs M- MaleerTT JagaH

Breaze T  $T_{i} = T_{i0} \omega S \varphi = \frac{M \cos \varphi}{T_{i} s^{2} s_{i} n^{2} \beta \cos \beta}$ Harogun Cyluralocyego cerry S! Us replose osugero ypobseeners, nogarabel Ti  $\frac{\partial S^{\prime}}{S \cos d \partial \gamma} = -\frac{\partial T_{i}}{\partial S} - \frac{T_{i}}{S} = \frac{M}{F \sin^{2} \beta \cos \beta} \left( \frac{2 \cos \gamma}{S^{3}} - \frac{\cos \gamma}{S^{3}} \right) =$ = M Cosps Cosps 33

Unterprépar le 3 annochable equel certeg.

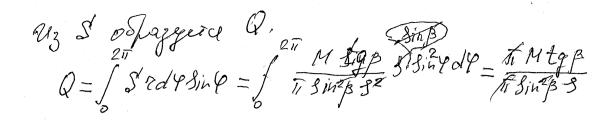
Meins

S'= MSinB Se Sin 4 + C, (3)

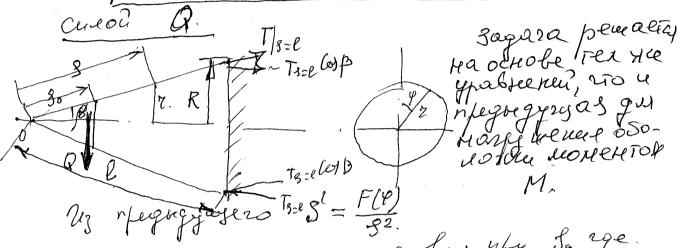
Ho S'=F(4)/32 cus breme house osujes The Steelland problema feet borpaquemme que s' npuxòque u borbogy 200 C, (8) = 0. 3 pearut  $F(\theta) = \frac{M sin \beta}{T sin^2 p Cos \beta}$  sin  $\theta$ 

augebarelono,

S= MtgB Sinf Tiordence cure s'objectobre baro pobreogene hep-wagero - reperent barougero cereg Q coorepale s' c gracina voolorune rede 6 auterprepere or o goldi



Komecuas oбовогна с noneperpoli



Opunquis F(4) onfegeleerle us y certien upe de rge.
3 tropana ceera a

NI- - d'linto Timos ho Mounal

Ornover Sla=8= So Sing. Torgo ha Yaunge uping 8=30 as Sang. 70d4 Sing = 5/5,70

$$\frac{1}{\sqrt{20}} = \frac{1}{\sqrt{30}} =$$

3 Mareit  $5/x=x_0=\frac{-Q}{\sqrt{3}}\sin\beta$   $\sin\beta=\frac{F(\beta)}{3}$ 

3 Mareit F(4) = Q30 Sin 4

Breaser of F(4) - Q30 Sin 4

Theren 
$$S' = \frac{F(Y)}{3^2} = \frac{QS_0 \sin \varphi}{J \sin \beta \cdot 3^2}$$

$$\frac{QS'}{\partial \varphi} = \frac{QS_0 \cos \varphi}{J \sin \beta \cdot 3^2}$$

$$\frac{27}{33} + \frac{7}{3} = + \frac{Q3_0 \cos \varphi}{75_0 \sin \beta \cdot 3 \sin \beta \cdot 3}$$

$$\frac{1}{8} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \sin^2 \beta \cdot 3}$$

$$\frac{1}{8} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{2(37_0)}{33} = + \frac{Q3_0 \cos \varphi}{75_0 \cos \varphi}$$

$$\frac{1}{7_0} \frac{$$

Trogotocher E(4)  $\frac{Q80los \varphi}{Jr sin^2 \beta so}$  +  $\frac{E(\varphi)}{so}$  +  $\frac{Q(os \varphi)}{Jr sin^2 \beta s}$ .

The energy of  $\frac{Q}{Jr sin^2 \beta s}$  +  $\frac{Q(os \varphi)}{Jr sin^2 \beta s}$  =  $\frac{Q(s - s_0) Cos \varphi}{Jr$ 

3 mareit

M/3=l=Q(:l-So) Cosss 270 borfamence recomment Hear My reenocheg co bereve 3rearest revyinge stearence cuelles redesence lepteo.

Mucuepperedae o Sociona Konge Ti= MCos4 Sing Cosp = MCos4 Sing Cosp Cosp Guergo 2 > 12 B=D T= M cosy S'= Mtgk Sin't = Mtgk Sin'ts Sin4  $S' = \frac{M}{T}$  O  $Sin \varphi = 0$ . Q= MSing SHF = 0 Silf cosp 2 T, = Q(3-30) Cosy = Q(3-30) Cosy 3in 33 Tisin2 ps 32 = Tisin2 ps 122 Ti = Q(3-30) Coyq. S'= - Q30 sing = - Q20 sing sings S'= - Q Siny