Поче од цининдра полносто запопненимо zapogon os: ELARCE = TRE P. 41 R- els paque ( () no 8h Payeea Tpegratur nam njoboznur nan museny uz ybyn umunggob C zapoganu + DU-D crumjennomu na de ornamenomo zpynyma Torga rangeren: E=2PDde Tix nore laytpu nyboguuxa gonnero doe16 palus mynso, To zapog по цименду донней расположинного чаким образон, чтобы пом cozzalaense unu suns nangalentus upoque to u pabras nous eny Тогр при капонении двух ципиндов инеер E= 2NDAL = DAL-E G = En cos p 27 (0) Par Kax was wap Softenson eë nosenywan paben

(b) Uz yenbew palenerha norenywana nyano neuko kaintu

(4 = \frac{1}{2} + \frac{4}{2} ( = 2 + 7 =0 , left lo- zapsig waya (C) Plone bayapu corepu pabus nyms => Baraga ot neë net, none Menyy wapon u corepoù ogget eozgabasou cus noonweens no wapon: E= 10 = -48/2, ye re(a; b) (d)  $\varphi_0 = A(\frac{g_0}{g_0} + \frac{g}{g_0}) = \chi \frac{g_0}{g_0} + \frac{g}{g_0} = \frac{\chi}{g_0} \frac{g_0}{g_0} + \frac{g}{g_0} = \frac{\chi}{g_0} \frac{g_0}{g_0} + \frac{g}{g_0} = \frac{g_0}{g_0} \frac{g_0}{g_0} + \frac{g}{g_0} \frac{g_0}{$ 

Х- зададовая прочность на единицу зими no th layers naigen none morn: E 2911 = 411 Kl, V- pries askue of music 60 Torga naigen pagnous novenquand nergy numeru 14 = \( \left(\frac{21}{r} + \frac{21}{d-r}\right) dr = \frac{21}{400.} \left(\left(\frac{d-6}{a}\right) + \left(\left(\frac{d-a}{\theta}\right)\right) = = 21 ln ( a-6)(d-0))  $C = \frac{q}{\Delta \varphi} \qquad C_0 = Z = \frac{q}{\Delta \varphi} - \frac{1}{2 \ln (\Delta - \varrho) \sqrt{d - \varrho)}} = \frac{1}{2 \ln (\Delta - \varrho) \sqrt{d - \varrho)}} = \frac{1}{2 \ln (\Delta - \varrho) \sqrt{d - \varrho)}}$ 2 ln (d-0) = 4/16 = 4/16 = 2007 19 7,6 19 U l lesay yesasame resay yesasam Torgo novenyuas l'replose cryvae: При влесении ещё одного зареда: U= 9, + 4. Если зарядиля третого сереру, то имеся U= 9, 42 + 43 97 = 91 42 Kewaln napycennyre aureny M= 9+ 4;  $\frac{q_1 - q_2}{F} = \frac{q_1}{p_1}$ U= 9-2+93 C= 4,1 9,-42  $\frac{q_1}{r} = \frac{(q_1 + q_2)}{\ell} + \frac{q_3}{r}$  $\frac{q_1}{r} = \frac{(q_1 + q_2)(q_1 - q_2)}{q_1 r} + \frac{q_3}{r} = > q_3 = \frac{q_1^2 - (q_1 + q_2)(q_1 - q_2)}{q_1} = \frac{q_1^2}{q_2^2}$ 

B cura zazona conjanenus zazaga lepno: 9, + 94 = 92+95 (1) Cleanozy the o yeeps yaryew Inexposingurerson now # Etter [4 1 = 4, + 4, (2)  $U = \frac{q_1}{C_1} + \frac{q_3}{C_0} + \frac{q_5}{C_1}(3), \text{ Ige } U - \text{ reserve for } u$   $U = \frac{q_4}{C_2} + \frac{q_3}{C_0} + \frac{q_2}{C_1}(q)$ reserge AuB  $U = \frac{q_q}{C_1} + \frac{q_s}{C_s} (5)$ Description regime  $q_g$ -nue peutaln cuesery us s  $q_g$ -nui u s neugleunum Tyugalnalas (3) a (4), (2) a (5) noxyraen  $\frac{q_1}{C_1} + \frac{q_2}{C_2} = \frac{q_4}{C_2} + \frac{q_2}{C_1}$  (6) Bourer (7) 13 (6)  $\frac{q_1}{C_1} + \frac{q_2}{C_2} = \frac{q_4}{C_2} + \frac{q_5}{C_1} (7)$  $\frac{q_5}{C_1} - \frac{q_2}{C_2} = \frac{q_2}{C_2} - \frac{q_5}{C_1}$ 9, + 94 = 92 +95 181 25 792 95 = 42 Co Moternand St makers police roserijem poser o Torgo repepuyen copy  $\frac{1}{C_{\alpha}} = \frac{1}{C_{\alpha}} + \frac{1}{C_{\alpha}}$  $C_{x} = \frac{C_{1}C_{1}}{C_{1}+C_{1}}$ Co = 2Cx = 2 C, C, +C, Vikes: 6 = 2 6,62