Potencial ituedo 2 koncetriëne sferne plobe zodanje jednodita: P = (a. e - 5) P1 < r < R2 Colrediti return noboj iznestu ploha (E=Eo) $(n) \left[\Delta P = -\frac{g}{\xi_s} \right] \frac{1}{r^2} \frac{d}{dr} \left(r^2 \frac{dt}{dr} \right) = -\frac{P}{\xi_s}$ 1 dr (200 -5 e-5, 1 - e-5, 1) = - P 1 dr (a. -be-br. n - e-br. 1) = - F E. a 1 d, (e-5-(b++1)) = P

Po = - Ea 2 - e - 5 r

(2) Q = J PdV => dV = 4 T 12 SB R2 Q=-80 Nb2 GTT (e-57 - 12 dr Q-- - E. as 47 Sec-br. r drf = elementain

Q = 4TIEOQ & e-6R2 (1+6R2) - e-5R1 (1+6R2) }

(2) Uyuta negronice (1) En= 2 i szedsm (2) En= 5 Jeruhir tomina y+22-2=3. Sied sio (1) obuhru ca ishalisk E u (2) ales je E(1) = ax - 20g - 30 [[]. Vu granici due shelshe hemo noboja. Odvediti gustá. energii u (3;5;7) J+2+-2=> Tr (b2-b1) = 0 3 451 8 , cop | P1h = D2h $E_{7h} = E_{7} \cdot \vec{h} = (\vec{R}_{2} - 2\vec{q} - 3\vec{v}_{2}) \cdot (\vec{q}_{3} + 2\vec{v}_{2}) = \frac{1}{15} \cdot (-2 - 6) = -\frac{8}{15}$ $\vec{E}_{1h} = \vec{E}_{1h} \cdot \vec{P} = -8(\vec{\omega}_{1} + 2\vec{\omega}_{2}); \vec{E}_{1k} = \vec{E}_{1} - \vec{E}_{1h} = \frac{5\vec{\omega}_{1} - 2\vec{\omega}_{1} + \vec{\alpha}_{2}}{5} = \vec{E}_{2k}$ Dig Din -> Eitin = Ez 52h => (Ein = E1 . Ein = R. - 8 = -16 $E_{2h} = h^2 - E_{2h} = \frac{-16}{5\sqrt{5}} \cdot \frac{dy}{\sqrt{5}} + 2\sqrt{3} = \frac{-16}{25} \left(\frac{dy}{dy} + 2\sqrt{3} \right)$ $\vec{E}_{1} = \vec{E}_{2h} + \vec{E}_{2t} = -\frac{10}{25}(\vec{\omega}_{3} + 2\vec{\omega}_{6}) + \frac{25\vec{\omega}_{3} - 10\vec{\omega}_{3}}{25} = \frac{25\vec{\omega}_{3} - 16\vec{\omega}_{3} - 27\vec{\omega}_{6}}{25}$ Gestota energy $1 = \frac{1}{2} \in \frac{1}{2} \in \frac{1}{2}$. Toda je v poslom $2 \in \left[(3, 5, 7) = E_2 = 60$ u sz $W = \frac{1}{2} \cdot 5 \cdot \frac{1}{25^{2} + 16^{2} + 17^{2}} = 4,55 \int_{A^{2}}^{V^{2}} = \frac{1}{25^{2} + 7(^{2} + 27^{2} + 27^{2} + 27^{2} + 27^{2} + 27^{2} + 27^{2} + 27^{2} + 27^{2}}{25}$



