

E(x): -E(-x) (b cars cannerena)

O: P, + Pz (sqs P1- noise nebez och 7 parandes)

Oz. novon mess och. 2 yunngpo)

P= P, +P2 = 2P1 (NPU nepokoge menshor harr. U = u n =>

=> SEZ =
$$\frac{\epsilon^0}{QZ} \approx E = \frac{5\epsilon^0}{Q}$$

Jagoua e.s.

Permenue: $\vec{E} = \vec{E} + \vec{E}$ $\vec{E} = \vec{E} + \vec{E}$ $\vec{E} = \vec{E} + \vec{E}$ $\vec{E} = \vec{O} + \vec{E} + \vec{E}$ $\vec{E} = \vec{O} + \vec{E} + \vec{E}$ $\vec{E} = \vec{O} + \vec{E} + \vec{E}$ Jano: E

E Naviger no neungung
Cyneprophysis:
$$\vec{E} = \vec{E}_+ + \vec{E}_-$$

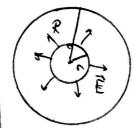
Bue noomed. Mengy nioca-mu
 $\vec{E} > \vec{O}$ (ton $\vec{E}_+ | \vec{V} \vec{E}_-$)

Bagaua 2.4

Mano:

R, 9

Hauru:



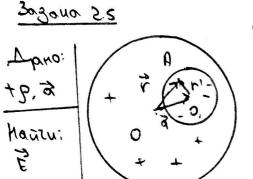
3a raycisty nobepr-20 npuneu map Pagusea

7

$$\frac{\partial Egg}{\partial Egg} = \frac{\varepsilon o}{2 \delta g \wedge \varepsilon} = \frac{3 \varepsilon o}{2 \cdot \pi u v_{S}} = \frac{3 \varepsilon o}{3 \cdot \pi u v_{S}} = \frac{3 \varepsilon o}{3 \cdot \pi u v_{S}}$$

Orber: 1)
$$r \le R : E = \frac{pr}{360}$$

2) $r > R : E = \frac{pR^3}{360}$



Fabra -9, zorgo cruman. Morn. Pobra HULD

To relation of Eds = Spar

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2) Hausen
$$E_{+}$$
:

 $E_{+} \cdot u\pi r^{2} = \frac{9 \cdot u\pi r^{3}}{3 \cdot \epsilon_{0}} = \frac{9 \cdot r}{3 \cdot \epsilon_{0}} = \frac{9 \cdot r}{3 \cdot \epsilon_{0}}$

2) Hausen E_{-} :

 $E_{-} \cdot u\pi r^{2} = -\frac{9 \cdot u\pi r^{3}}{3 \cdot \epsilon_{0}} = \frac{9 \cdot r}{3 \cdot \epsilon_{0}} = \frac{9 \cdot r}{3 \cdot \epsilon_{0}}$

2) $e_{-} \cdot u\pi r^{2} = -\frac{9 \cdot u\pi r^{3}}{3 \cdot \epsilon_{0}} = \frac{9 \cdot r}{3 \cdot \epsilon_{0}} = \frac{9 \cdot$

$$3\overrightarrow{E} = \overrightarrow{E}_{+} + \overrightarrow{E}_{-} = 9(\overrightarrow{0} + \overrightarrow{r}) + -9(\overrightarrow{r}) = 9\overrightarrow{0}$$
 $3\varepsilon_{0} = 3\varepsilon_{0} = 3\varepsilon_{0}$

Orber: $\vec{E} = 9\vec{a}$ 380

Jagana 2.6 R1 = 5 Cm R2 = 8 Cen 91 = 2.10 3 KA 92=-1-10-3111 Hanzu.

E(4,=3(m) E(15 = B(M)

E(13 = 70 cm)

U<KV<K5 1) 5 co Recalling. Bryzon corpo

SE'92 = 60 000 E'ALLES = 60 000 E'=0

2) RA < 12 < RZ. 3 gechecub Torbko nojomur. 30893.

BESGS = JOND (2) ES-ALLES = d1 =>

=> E2 = 91 2.10 3K1 = 0.0885.10 91 = 5 KB

3) R, <R2 < r3. Basel cero Oba Ballga, noro3. Nounsuron

E3 E4+E-3 91 + 92 = 9,+92

41. 0,885.10" PIM. 912 m2 = (+2+1).10-9 ka

Orber: F1=0; F2 & 5 KB/M; E3 = 0,0 KB/M