1)  $y = 10^{-8} \text{ c/m}^3$  unuter stère  $R_1 = 1 \text{ m}$ , sa S(0,0,0) Bilješke » Notes 0.5Unuter te stère je druga,  $R_2 = 0.25 \text{ m}$ , srediste u  $S'(0,2R_10)$ ne sadrži neuboj

Potencija u T<sub>1</sub>(0,2R1,0) i 1=1 u T<sub>2</sub>(½ E<sub>21</sub>½ R<sub>11</sub>0)

I. \$ \$ 23 - 0 = \$ 9dv

T. D9 = 0 ili = 8

od verile kyle

reinga

I. Db = 0 = \frac{45}{5} ( \( \text{c}\_5 \frac{2}{5} \) \]

r2 342 = C1 / - 12 / 5

nema fromjere

42 = -C1 + C2

 $Y_2(\infty)=0 \Rightarrow C_2=0$ 

Gauss: \$ Das = Q

E = - 24 200

= - 일 라

-E = 4 + x = 9 - 4 63 7

C1 = - 463

3 Le [6/00)

42= - = - 403

(0 = R1

SIEMENS

$$\vec{E}_2 = \frac{96^3}{38c^2} \vec{\alpha}_c$$

Bilješke >> Notes

$$C_{\Lambda} - \frac{9}{\varepsilon} \frac{r^{3}}{3} = r^{2} \frac{\partial 91}{\partial r} \left[ \frac{1}{r^{2}} \right]$$

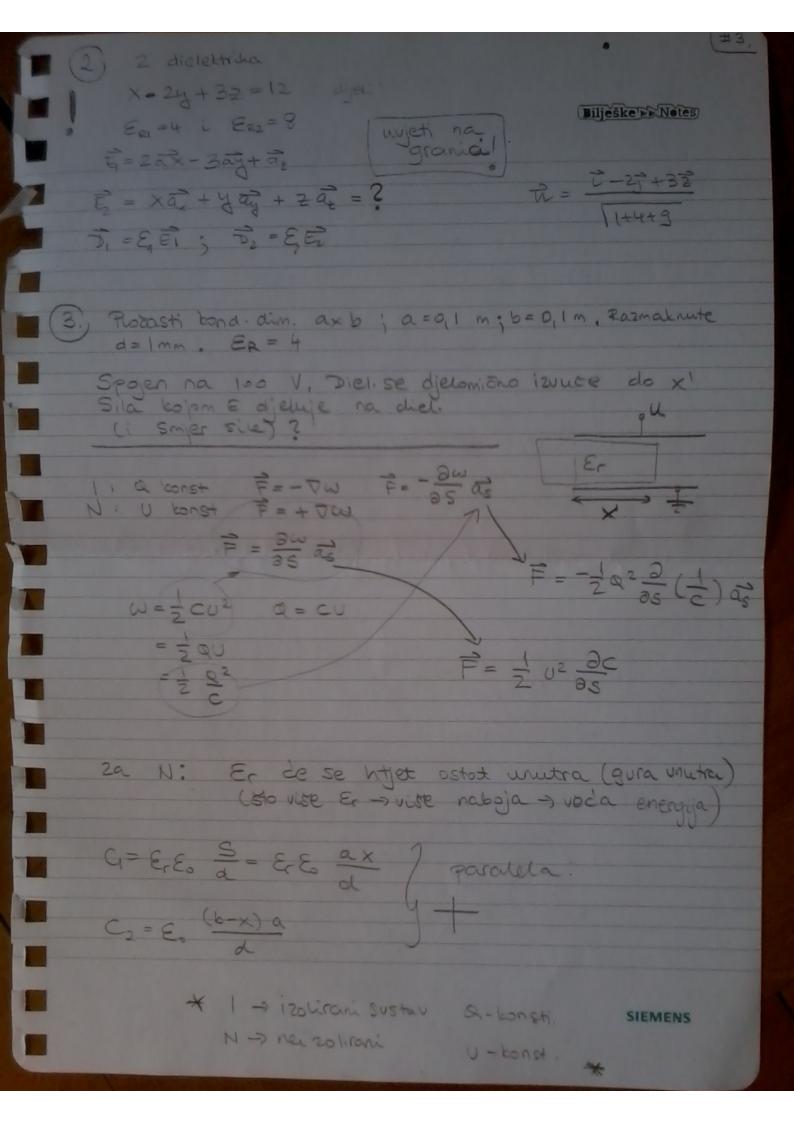
$$\frac{C_1}{r^2} - \frac{9}{\epsilon} \cdot \frac{c}{3} = \frac{\partial q_1}{\partial r}$$

$$9_1 = -\frac{9}{6} \cdot \frac{5^2}{6} + C_2$$

= - 34 at 97/60

= - 35 + 51 37/00

$$\frac{3}{2}$$
  $\frac{3}{2}$   $\frac{3}$ 



Bilješke >> Notes