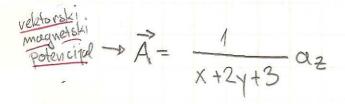
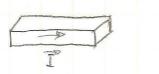
## EMP-Mass-2. ciklus

13.5.08 D

Osnovne formule:





upapir

Uto vodica se strara polje - Palje se određuje

pravilom <u>desne vulce</u> B O

spolar-smjerstrye

4 prsti smjer polja

4 prsti smjer polja gostoča mag taka

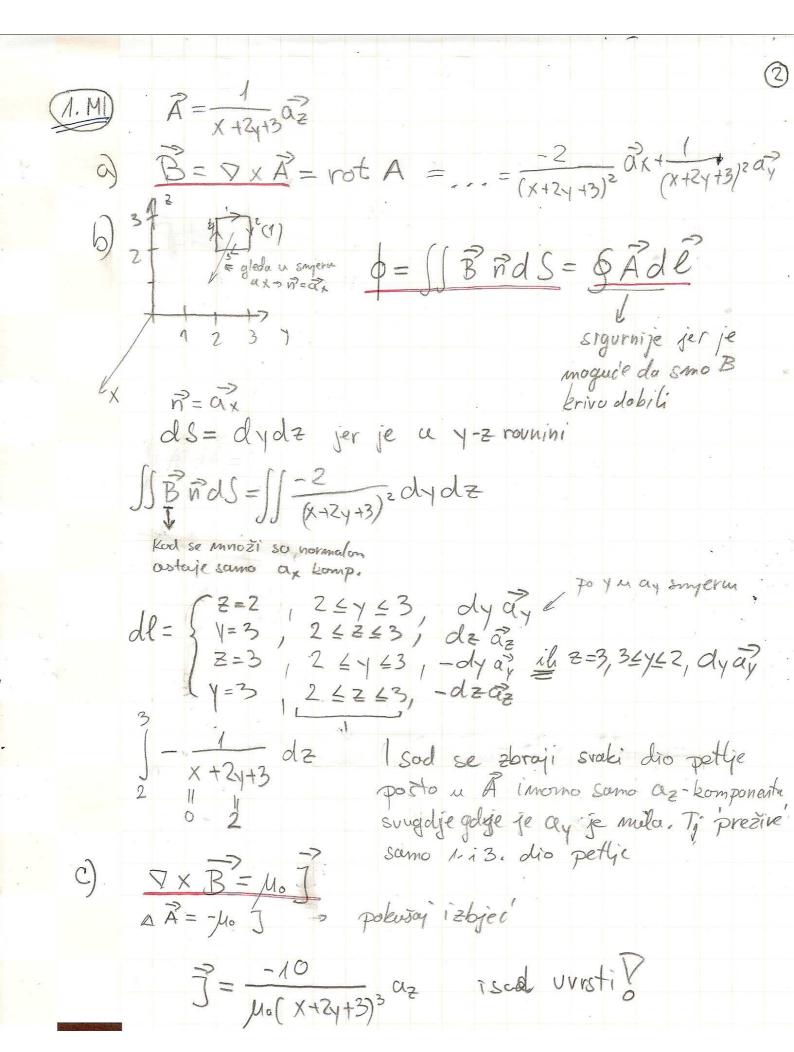
B = u IIr (sind+sing)

Obično vodič izgleda nekako ovoko

6 Ondo ga rostquimo ne dijekve

jakast mag: H = MB

pr=hopr, Mo=4TT-10-1, MOZRAK=1

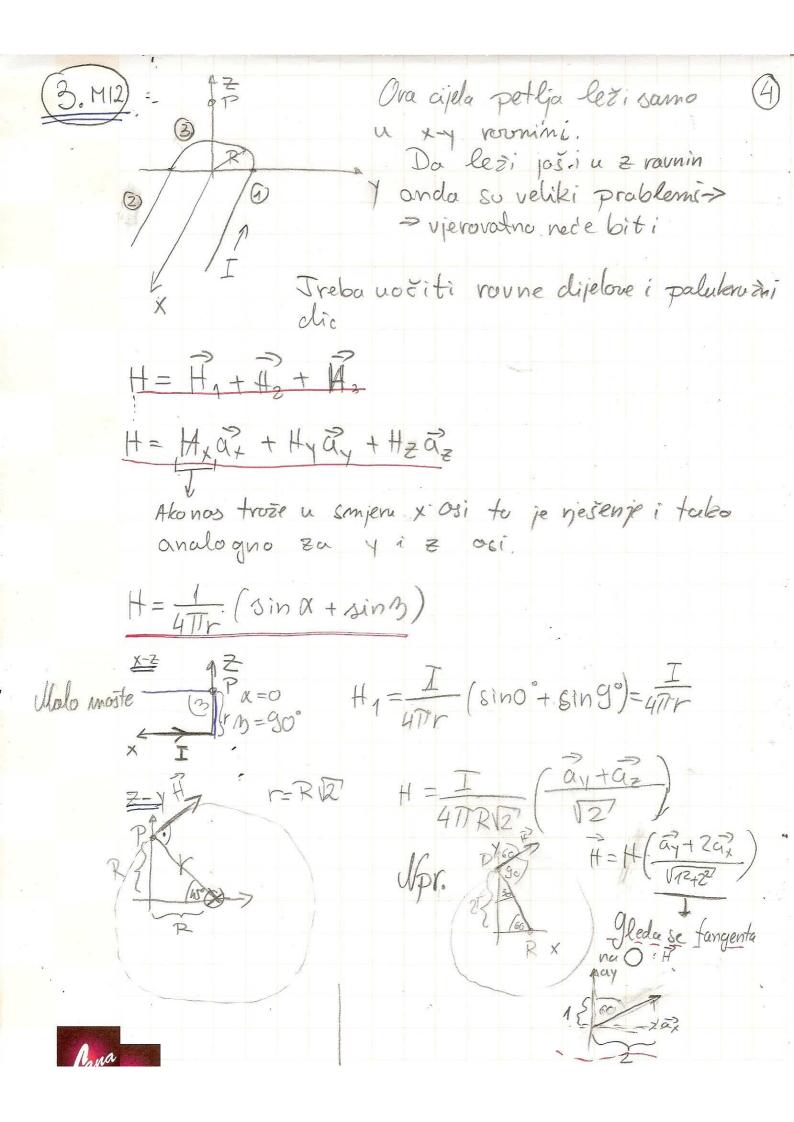


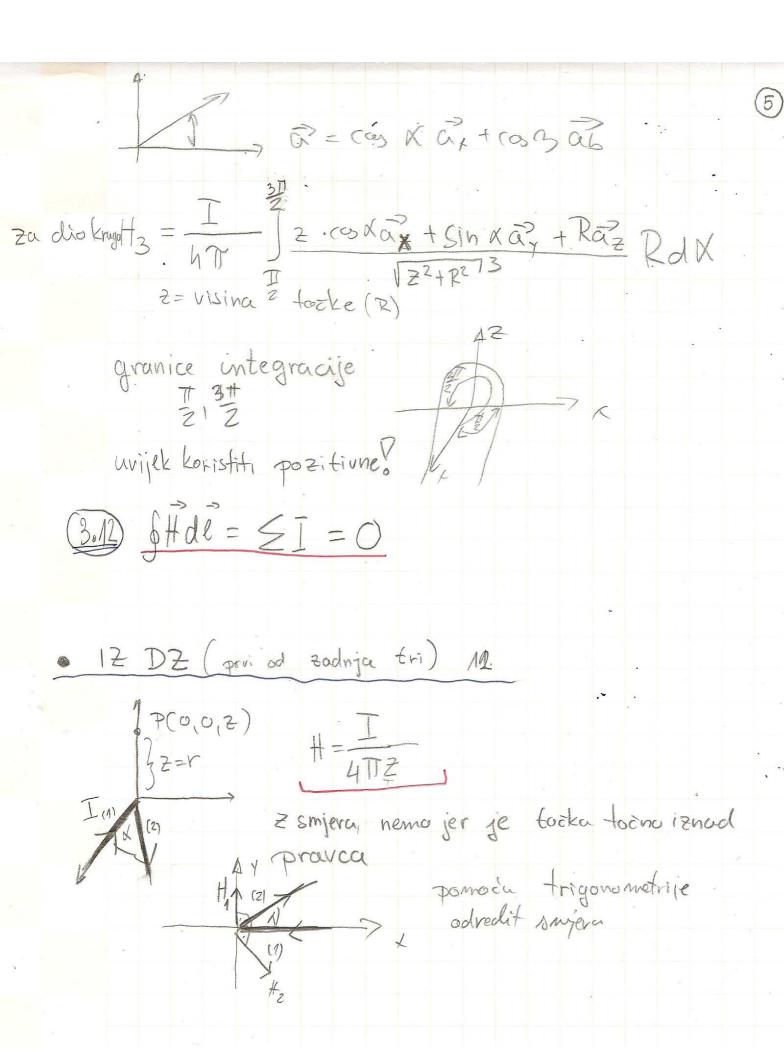
Ukoliko se dobije vegotivar broj, to nije krivo, je je to samo drugi smjer obilaska  $\vec{m} = \vec{\alpha}_z^2 - u$  plus  $\alpha_z$  smjeru  $= -\frac{10}{40} \iint \frac{1}{(x+2y+3)^3} dS$  dS = dx dy - jer je somo u x-y sast,  $= -\frac{10}{40} \int dx \int \frac{1}{(x+2y+3)^3} dy$ 

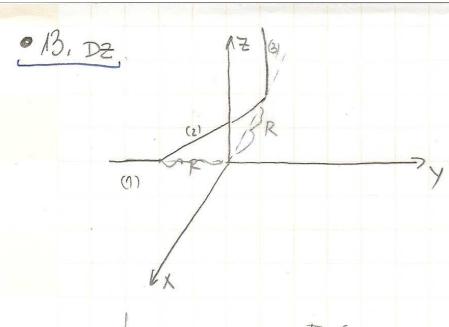
→ Lonistiti veliku tablicu integrala o o

to se dobije mesto sto mije u tablici vrlo ujevovatno
je krivo!!

ako je slučajno normalo u až smjeru, a
J je u ay smjeru onda je struja = 0

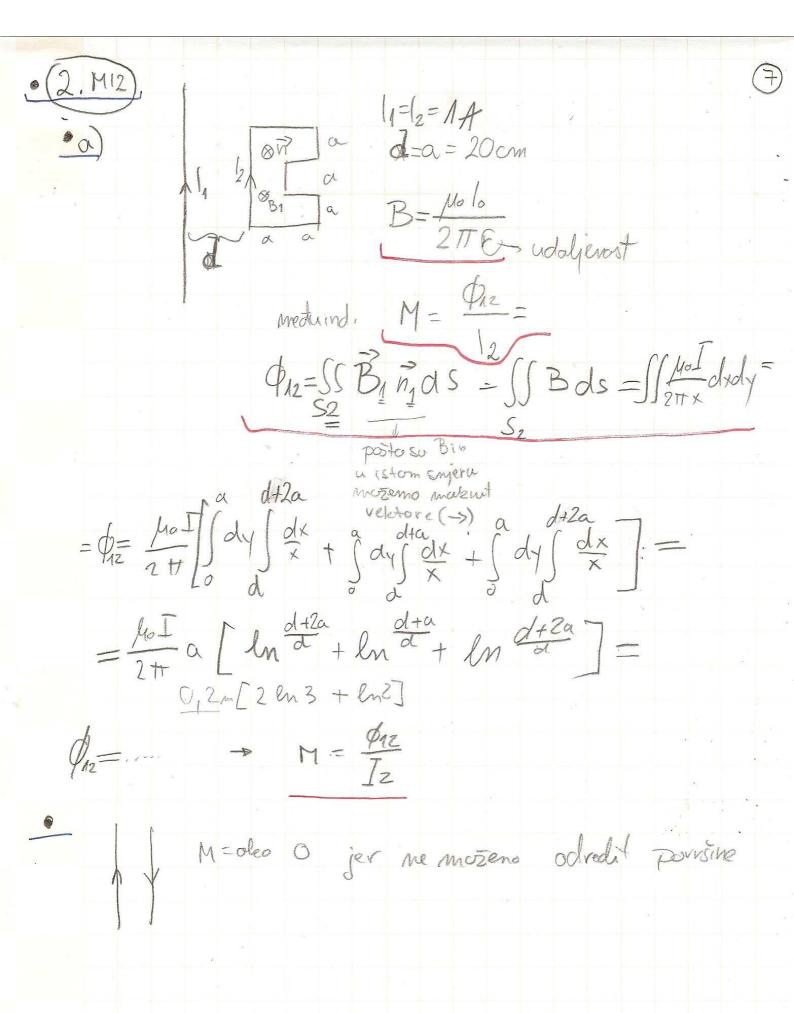






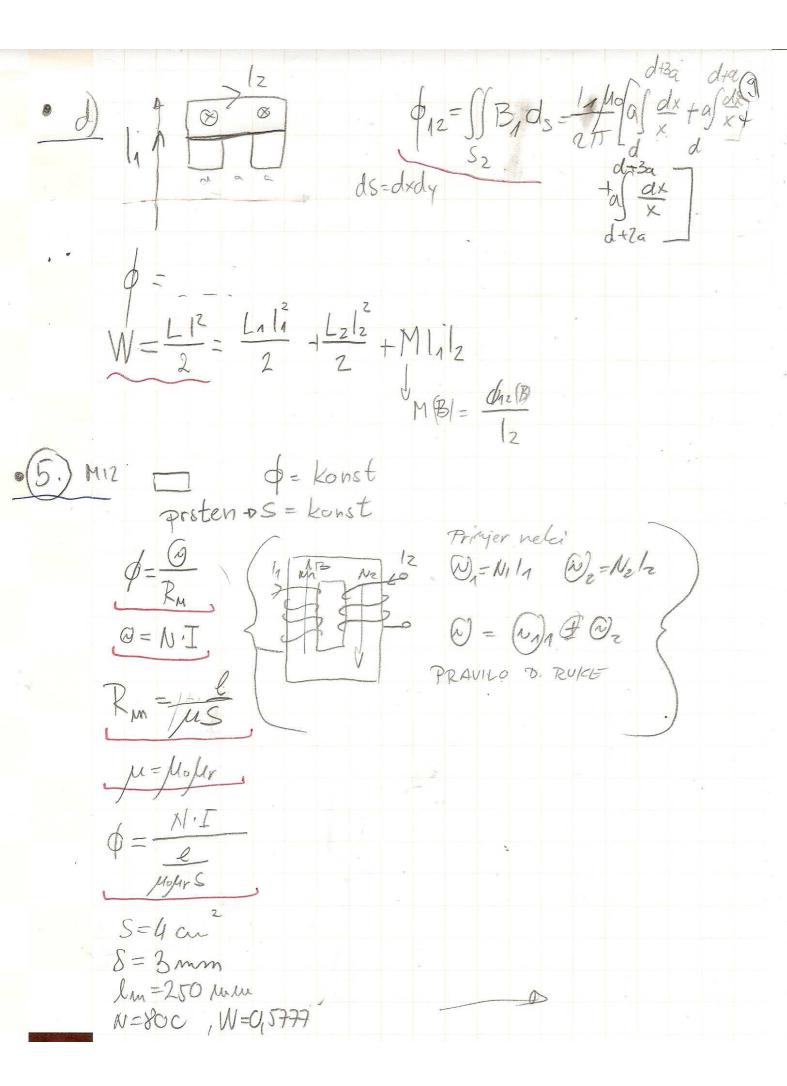
$$H = \frac{1}{4\pi R} \left( \sin 90^{\circ} + \sin(-\alpha) \right)$$

$$= \frac{1}{4\pi R} \left( 1 - \sin 45^{\circ} \right)$$



Emjer 
$$y_1$$
  $u_1 - a_2$  remjeru

 $B_1 = -\frac{u_0 I_1}{2\pi I} \times a_2$ 
 $l_2 = x a_x + y a_y$ 
 $dl_2 = dx a_x + dy a_y$ 
 $dl_2 \times B_1 = \begin{vmatrix} a_1 & a_2 & a_3 \\ dx & dy & a_3 \end{vmatrix} = \frac{u_0 I_1}{2\pi x} dx a_y + \frac{u_0 I_2}{2\pi x} dy a_x^2$ 
 $F = I_2 \left[ \int \frac{1}{2\pi x} dy a_x^2 + \int \frac{1}{2\pi x} dx a_y \right]$ 
 $F = I_2 \left[ \int \frac{1}{2\pi x} dy + \int \frac{1}{2\pi x} dx a_y \right]$ 
 $F = \frac{u_1 u_2 h_0}{2\pi x} \left[ \int \frac{1}{d} dy + \int \frac{1}{d} dy +$ 



Hm Bm ls, S

4.) MI2

(ENUA) A B

(ENUA)

R=9.6=16 S-R.S

U todacima se trazida se odrede vela

 $\frac{d}{dt} = \frac{Q}{11TQ} \left( \frac{1}{r} - \frac{1}{rrel} \right)$   $\frac{Q}{rrel} = 0, \quad rrel = \infty$ 

Q====I·P

\( \frac{1}{2} = \frac{1}{5} \\
\frac{1}{5} =

2) R= Pk Trosp. I

## Uvjeti na granici

$$\begin{array}{ccc}
P_1 \Rightarrow & \times & < O \\
P_2 \Rightarrow & \times & > O
\end{array}$$

$$\vec{R} \times (\vec{R}_2 - \vec{H}_1) = \vec{R}$$
 $\vec{R} \cdot (\vec{R}_2 - \vec{R}_1) = 0$ 

$$\vec{R} \cdot (\vec{B}_2 - \vec{B}_1) = 0$$

$$\Re x(H_2-H_1)=X$$

$$(H_{\gamma}-10)=6,5$$
  
 $H_{\gamma}=16,5$   
 $H_{z}=0$ 

$$B_T = \overrightarrow{R} \cdot B_1 = O = B_X$$

6x+4y+3z=12 R=6a2 +hay +3a3 V62+42+327 Mr2=3 H= Hxax+Hyay+ Hzaz B=hoMH