



Firma:

| Carné : 202100081 | Curso | : Fisher | 2 Seco | ción: |
|--|---|------------------|------------------|----------------------|
| Nombre: June Andre | i Mayer Solar | ZUND | | |
| Puec | le iniciar su exame | en a partir de a | quí | |
| En la trajectorna de corne | nte I=5A au | se mueitra en | lastegina, pro | dues un compo |
| En la Amyectoma de corne rugnétivo en P, que es el | certo del curo, a | un a= 5cm, b | = 12cm. Udu | luzando la leyde |
| buot y savort. D. | 16) a= 5cm | | Ley de Brot- | Savait |
| TXT b | I=5A b=1lcm | | 1 B = 10 I = | i Txt |
| Cost of the cost o | |) | Uo=4.cx 10-7 7 | <i>γ</i> - |
| JB=JBi, + JB2 - area | -) 0[12-) 4×1 | ha whab | | |
| مر الآك الدريان الله | No 11=15-101. | v g. (| | 4.363 |
| 3 = 3 B, + 3 B2 - area | | · Urxlo-i | 5(0,12)(1/3)- | = 4.36 ×10-6T |
| B1=40 + C. Do (Megalina edia | $\frac{1}{\hat{B}^2} = \frac{1}{\hat{B}_2 - \hat{B}_1}$ | B1= 42 | = (0,12)e |) B= Grexu(e) |
| Br= 14. Coliner - Sue Br= 40. Cobo (Meyolura edia Br= 14. iai (Pordura - Jule) | | B2 = 4+ x 10-7 | 2 (5)(6,05)(x/3) | = 1,05×10=17 10,4784 |

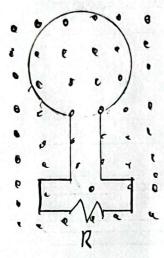
a) sugressio de robus b=13,=4,36000-6+267=4.3647

b) 6, 6 (dt 117)
c) to dal s, 6, 12217 = 6,109 ut compo entre xxx

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Respushy
(a) 4.363
(b) 0
(c) 6.109
(d) 4K

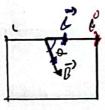
Problema # 2 ΦB= [(3,00++1.00)(+-7.00)] j \$Be1 muby tiss BC Posthual Sale del plano R= 2m



$$\phi_{B} = [3t^{2} - 6t + t - 2] = [3t^{2} - 5t - 2]$$

$$\frac{d\phi}{\partial t} = (3t)^{2} - (5t)^{2} - (2t)^{2} = (6t - 5)$$

$$t = 6(1) - (6t)^{2} - (2t)^{2} = (6t - 5)$$



Respuestas a) 8.463N b) -K

```
EF= FB= ma; VXB = 3,5 0 1,77

FB= 9.(VXO) 140 218 0
      Problema #4
     Auluador:
    4=3,3×10.66
                                   i(0-1693,86)-10-1087,8)+R(763-0)
    M= 11.ug = 1,16×10 Kg
                                FB=(-1693,568+1087,89+763K)(3,3 x10-4)
    Vo= 0
                             FB (-5,5897×10-36+3,584×10-35+2,5179×10-32)= 22a.
    V= (3,51+7,97K)m/s
                          a= (486060,870i+ 312147,8265+ 218967,8268) m/s2
    B = (740 84 2183) T
                                                               Repres ta
       Ropubly
         ux 4861 X 10 5 m/s2
                                191=617761,754mls
                                                            a) ax = -4,861
         a, 3.121 Xlosmis
                                                            b) ay= 3-121
                                   = 6178x105m/12
                                                            C) uz= 2.189
          az= 2184x105,4/5
                                                            da= 6.178
                                                  V1-13R1-Vz-GR4=6
   Problema # 5
                                  R=1000-
                                  R2=10001
                                                  12=64+65
                                  R3=1000 A
                                                  V 0=EV FS3 NJ-
                                  Ry=1000.1
                                                  -V3-16123-V2 (321=0
                                   V12 240
                                                  ist i4 = 16
                                                  (6363=(7
                                                  じにはもじろ
                               124-100013 +12-1000(1=0
                              V12=1000 (4-) C4 = 12 -) (4=0,012/ -0.0811= (416
                           [2=i4 +i4+i6 -1(z=0,024+i6 ->66> 18-0,084
1-12-100016-12-10001,00
                          (1=12+13-) 13-14-62-) Sustrhyudo
  12= 4+15.
                                                                     Al=Ellat
                         1 0,090 = C1+C1-12
  (2=(1-03
                           -11.004=(1+(2=0,024-1+12=0-)12-12 ( A2=12ml
  (4:15-16
                        0,036= 202-12-10,086-1 eviti= 30 -10=0,012A , (2=-0,012A
     13= C4+ Co.
                                                           13=0,084A
                Repusta
```

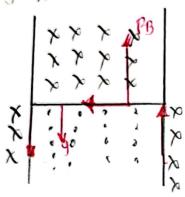
V1 =

Problema 6.

L=16,6cm = 0,186m m=19,3g=0.0193hg

13.96A

9=9,81W3



B=8,566 % 10-67

b) Anelown +k

() Dirocam Morza magnided f: ([x13] = (LB sn40° = iLB (7,46A)(0,756m)(8,560×10-4) f = 126×10-5 rcccy

Varaba tout a nombre have abyo

Direction of

Repustus 01 8.560 200-6 51+K C1+J