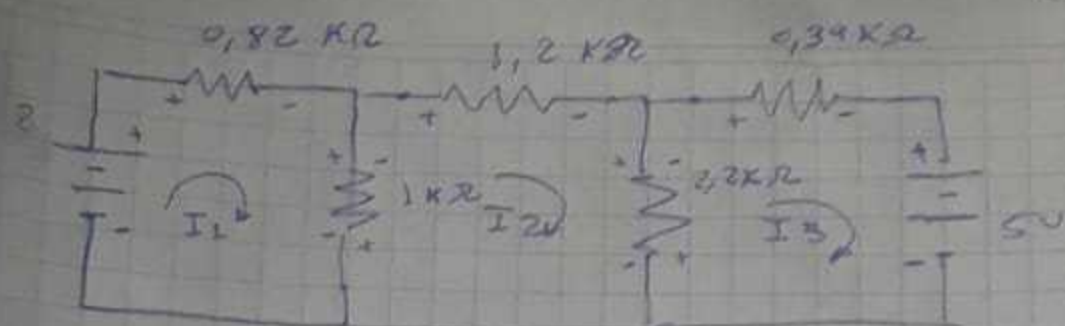


(-) fluye en
contraria



$$8 - 0,82 I_1 - 1(I_1 - I_2) = 0$$

$$8 - 0,82 I_1 - I_1 + I_2 = 0$$

$$8 - 1,82 I_1 + I_2 = 0$$

$$-1,82 I_1 + I_2 = -8 \quad (1)$$

$$-1,2 I_2 - 2,2(I_2 - I_3) - 1(I_2 - I_1) = 0$$

$$-1,2 I_2 - 2,2 I_2 + 2,2 I_3 - I_2 + I_1 = 0$$

$$-4,4 I_2 + I_1 + 2,2 I_3 = 0$$

$$I_1 - 4,4 I_2 + 2,2 I_3 = 0 \quad (2)$$

$$-0,39 I_3 - 5 - 2,2(I_3 - I_2) = 0$$

$$-0,39 I_3 - 5 - 2,2 I_3 + 2,2 I_2 = 0$$

$$-2,59 I_3 + 2,2 I_2 = 5$$

$$+2,2 I_2 - 2,59 I_3 = 5 \quad (3)$$

$$(1) \begin{cases} -1,82 I_1 + I_2 + 0 = -8 & (1) \end{cases}$$

$$(2) \begin{cases} I_1 - 4,4 I_2 + 2,2 I_3 = 0 & (1,32) \end{cases}$$

$$\begin{cases} -1,82 I_1 + I_2 + 0 = -8 \\ 1,82 I_1 - 8,008 I_2 + 4,004 I_3 = 0 \end{cases}$$

$$-7,008 I_2 + 4,004 I_3 = -8 \quad (4)$$

$$(3) \begin{cases} 2,2 I_2 - 2,59 I_3 = 5 & (4,004) \end{cases}$$

$$(4) \begin{cases} -7,008 I_2 + 4,004 I_3 = -8 & (2,59) \end{cases}$$

$$8,8088 I_2 - 10,37 I_3 = 20,02$$

$$-18,15072 I_2 + 10,37 I_3 = -46,62$$

$$/ 9,3419 I_2 = +26,6$$

$$I_2 = \frac{+26,6}{+9,3419}$$

$$I_2 = +2,84$$

(I2) on (3)

$$2,2(2,84) - 2,59 I_3 = 5$$

$$6,248 - 2,59 I_3 = 5$$

$$- 2,59 I_3 = 5 - 6,248$$

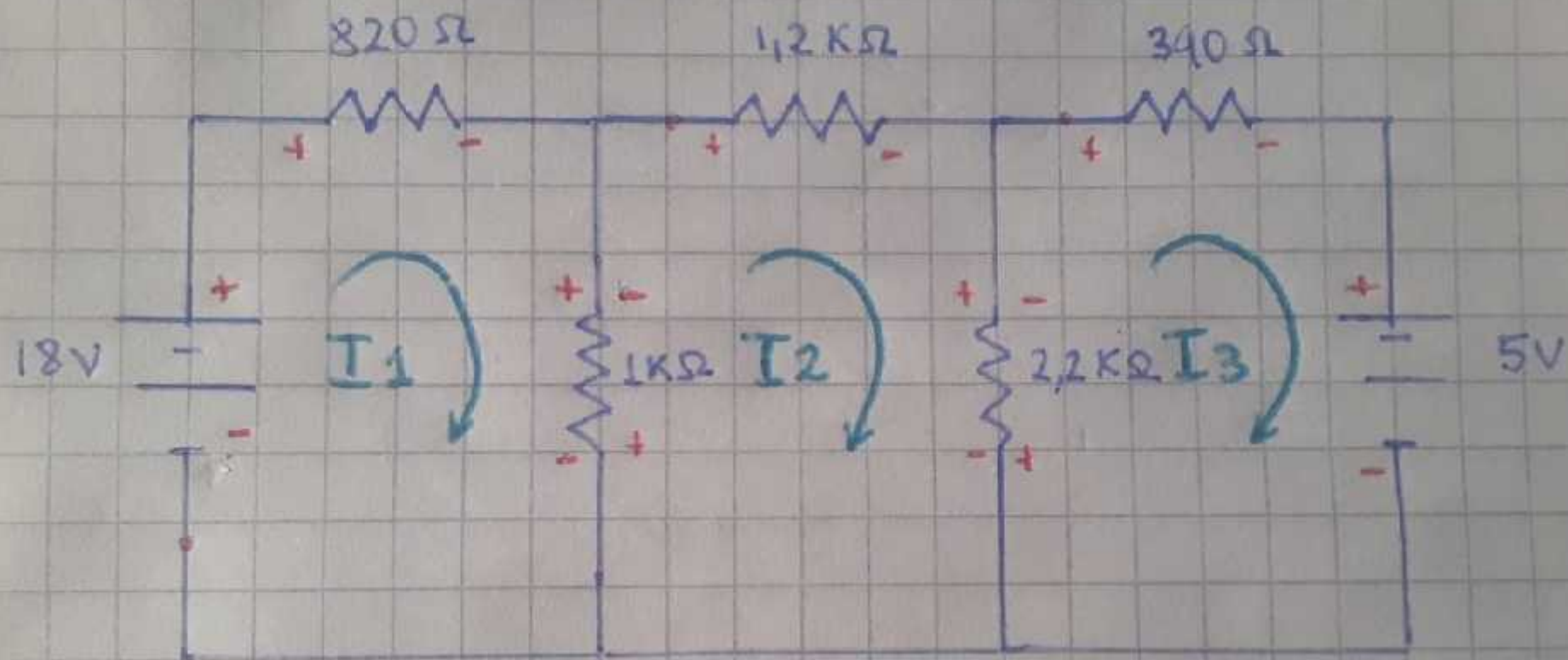
$$+ 2,59 I_3 = + 1,248$$

$$I_3 = \frac{1,248}{2,59}$$

$$I_3 = 0,48$$

$$I_1 - 4,4(2,84) + 2,2(0,48) = 0$$

$$I_1 = 11,44$$



Solucionador de ecuac. lin.

16:46
4π

-1.82	X+	1	Y+	0	Z=	-18
1	X+	-4.4	Y+	2.2	Z=	0
0	X+	2.2	Y+	-2.59	Z=	5

-1.82

X: 11.4546046209 Y: 2.84738041002
Z: 0.488122356003


Editar

2x2


3x3*

Apps

Info

Symb 


Setup

Plot 

Setup



Settings

Num 

Setup

Help

User

Esc

Clear

View

Copy

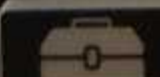

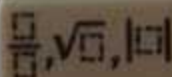


CAS

Settings


Menu

Edit

Vars

Chars Mem Units 

x t θ n

Define 


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Del

 x^y $\sqrt{}$ 


SIN

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
TAN

ATAN 

LN

 e^x 

LOG

 10^x  x^2 $\sqrt{}$ 


+/-

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()

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, x

Eval 

Enter

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