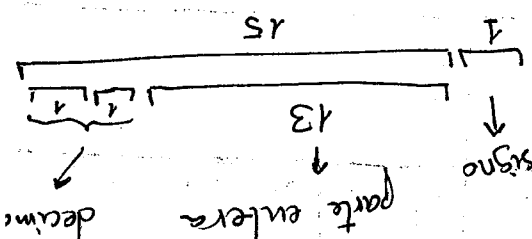


|06-25|

$$A = -5142,25$$

a.1) Signo-magnitud. Coma fija (16,2)

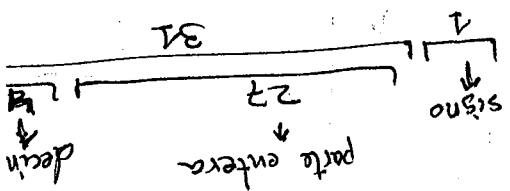


negativo  $\rightarrow 1$   
 decimal  $\rightarrow 01$   
 p. entera (dividiendo 5142 entre 2)  $\rightarrow 2571$

101000010110

-5142,25  $\rightarrow 1101000001011001(2)$

a.2) Signo-magnitud. Coma fija (32,4) HEXA



negativo  $\rightarrow 1$

decimal  $\rightarrow 0100$

p. entera  $\rightarrow 000 \dots 00010100000010110$

-5142,25  $\rightarrow 80014164(16)$

a.3) Complemento a 2. 16 bits 2 float

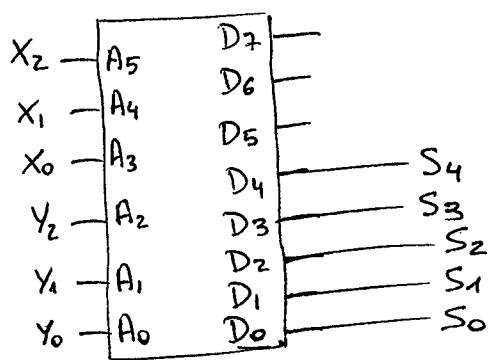
0101000001011001  
 + 101011110100110  
 11011111010111

a.4) Lo anterior a hexadecimal  
 FFFEB9Ch

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A <sub>1</sub>	A <sub>0</sub>	B <sub>1</sub>	B <sub>0</sub>	S <sub>3</sub>	S <sub>2</sub>	S <sub>1</sub>	S <sub>0</sub>
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1
0	0	1	0	1	1	1	0
0	0	1	1	1	1	1	1
0	1	0	0	0	0	0	1
0	1	0	1	0	0	1	0
0	1	1	0	1	1	1	1
0	1	1	1	0	0	0	0
1	0	0	0	1	1	1	0
1	0	0	1	1	1	1	1
1	0	1	0	1	1	0	0
1	0	1	1	1	1	0	1
1	1	0	0	1	1	1	1
1	1	0	1	0	0	0	0
1	1	1	0	1	1	0	1
1	1	1	1	1	1	1	0

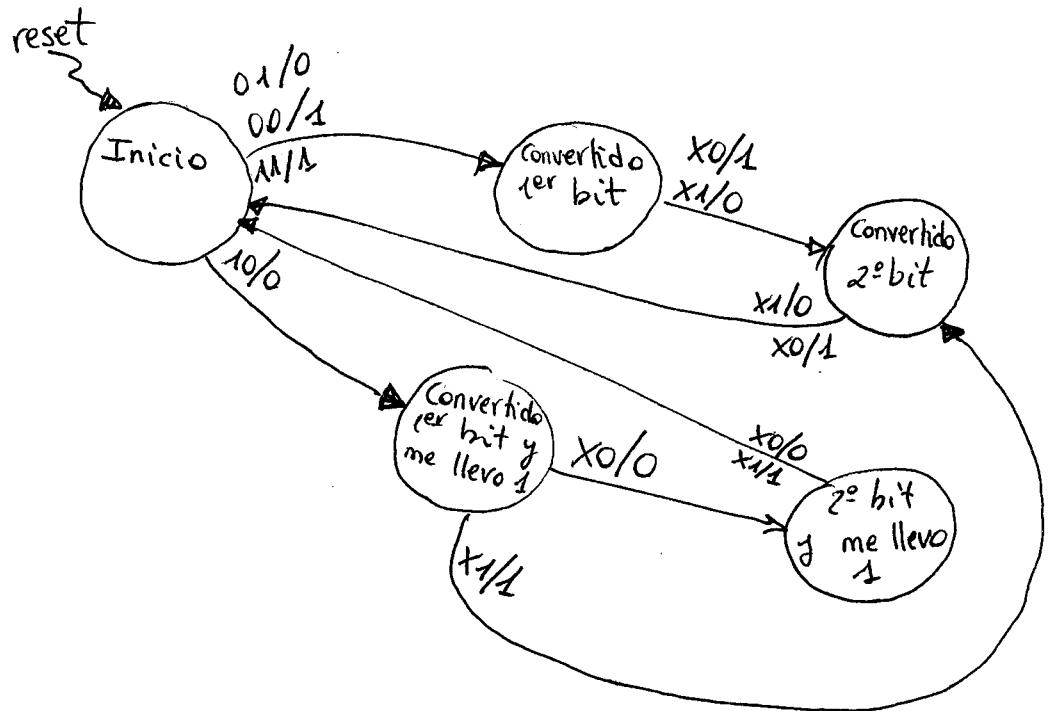
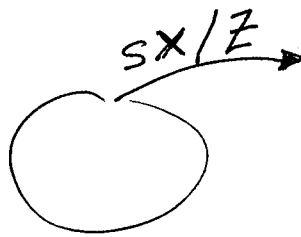
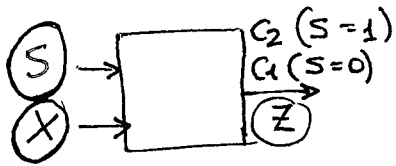
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Dirección	X	Y	Contenido
00	0	0	xxxx0000 00h
01	0	1	00h
02	0	2	00h
03	0	3	00h
15	(2)	(-1)	xxx10010 12h
1A			06h
24			00h
25	(-1)		xxx00000 00h
27			00h
29			11h
2C	(-1)	(0)	xxx00000 00h
2D			01h
32			14h
38	(-3)	(0)	xxx00000 00h
3B			19h
3F	(-3)	(-3)	xxx01001 09h

$\begin{matrix} +2 & -1 \\ \hline X_2 X_1 X_0 & Y_2 Y_1 Y_0 \\ \hline 0 & 1 & 0 & 1 & 0 & 1 \\ \hline 1 & & & 5 \end{matrix}$   
 $\begin{matrix} 0 & -1 \\ \hline X_2 X_1 X_0 & Y_2 Y_1 Y_0 \\ \hline 1 & 0 & 0 & 1 & 0 & 1 \\ \hline 2 & & & 5 \end{matrix}$   
 $\begin{matrix} -1 & 0 \\ \hline X_2 X_1 X_0 & Y_2 Y_1 Y_0 \\ \hline 1 & 0 & 1 & 1 & 0 & 0 \\ \hline 2 & & & C \end{matrix}$   
 $\begin{matrix} -3 & 0 \\ \hline X_2 X_1 X_0 & Y_2 Y_1 Y_0 \\ \hline 1 & 1 & 1 & 0 & 0 & 0 \\ \hline 3 & & & 8 \end{matrix}$   
 $\begin{matrix} -3 & -3 \\ \hline X_2 X_1 X_0 & Y_2 Y_1 Y_0 \\ \hline 1 & 1 & 1 & 1 & 1 & 1 \\ \hline 3 & & & F \end{matrix}$

V6.32/



# OTRO EJERCICIO

