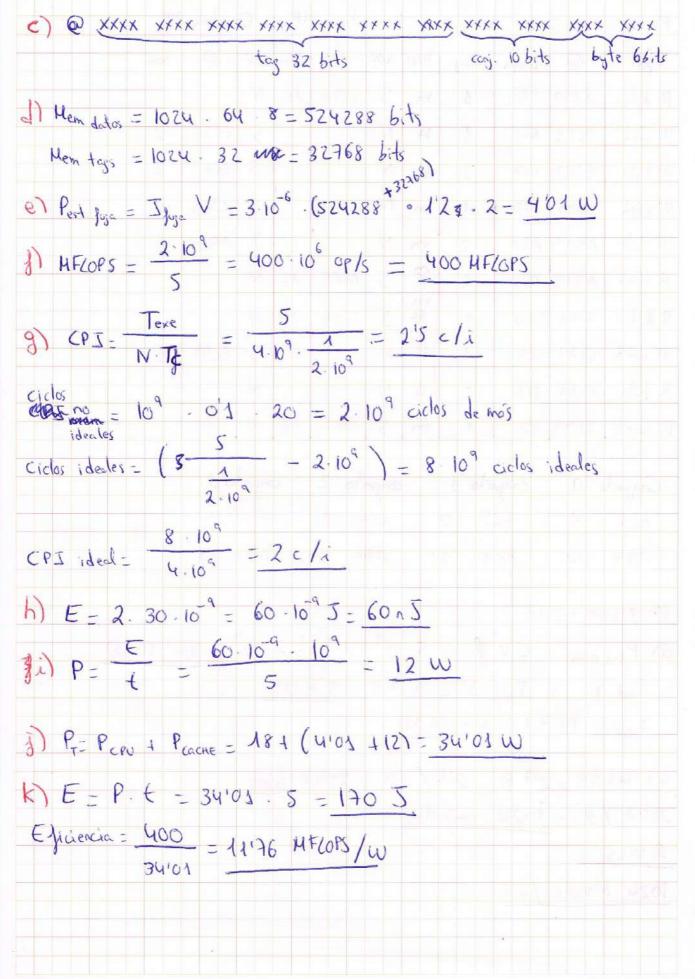
PROBLEMA 3.2					Lectura MP			Escritura MP			Į.
Tipo	@	Bloque	Conj.	HIM	S/N	@	tam	S/N	@	tam	
R byte	8890	889	4	m	S	8890	16	N			
M marg	ECS 1	ECS	4	Н	N			S	ECS1	2	
W byte	ECGZ	EC6	2	Н	N			5	EC6 Z	7	
Low W	2303	230	1	m	N			5	2303	2	
W byte	A8A 4	ABA	2	m	N			5	ABAM	7	
R word	ABAS	ABA	2	雷	5	ABAS	16	N			
R byte	2306	230	1	F	S	2306	16	N			
M mary	ECST	ECS	1	Н	N	*:		5	EC57	2	
R byle	EC68	EC6	2	A	N			N			
R word	8899	889	1	m	5	8899	16	N			
PROBLE	conva.	CV	9 1 2 8 =	5.		BA 0	. 2	- 10	e 0	u' (1 '	<u>w</u>
	Juja = = 14'					= 31	6 W				
6) 128						- 204	8 6	logu	es		
2048 /		1024	conju	ntos							
2 Vias											
1024 1	oloques	/via									
										50	



1) Tex = N. CPI . To

S)
$$Tex = 4.10^{9} \cdot \left(\frac{10.10^{9} + 0^{1}2.10^{9}}{4.10^{9}}\right) \cdot \frac{1}{2.10^{9}} = 5^{1}15$$

$$E_{A} = 5.10^{9} + 25.10^{9} + 10^{9} = 31 \text{ nS}$$

 $E_{F} = 2.5.10^{9} + 2.25.10^{9} + 10^{9} = 61 \text{ nS}$
 $E_{M} = 31.0'8 + 61.0'2 = 32 \text{ nS}$

ρ= 37·10⁹·10⁹ = 7'25W

V) P= 18+ 4'01+7'25+ 29'49.16"=29'29W

w) E = 29'29.5'1 = 149'38 J

Epiciencia = 392'16 = 13'39 MFCOPS/W

x) Garacias = 12/91 = 1'098

Garancia V-5 = 12191 - 1'037

PROBLEMA 3.11 to=

a) X1 = albiananta cirs + 0,1 = 0,22 us

tacc= o'ssns

X2 = t = 0'55 +0'05 =0'6ns

tone = 0'6. 2 = 1'7 ns

X3; to= 0'45+0'05=0'5 ms

tacc = 0'5 . 3 = 1'5 m

Xu; tc = 0'45 + 0'05 = 0'5 ns

tan = 0'5 4 = 2 ms

b) El to de X2 es el más alto

El tace de XY es muy alto.

~ Xx; 8= 1 81 6Hz

X3; } = 0'5-10" = 26Hz

J) X1; CPJ=0'6.5+0'2.4+0'2.(4+1)-4'8c/i

X3; CB5 = 0'6.5 + 0'2.4+0'2.(4+3) = 5'2 c/i

e) Speedup = 418. 1/81 = 1'015 = 1'5%

1) Xiz CPS= 4'8+0'2 60'.0'1-6 c/i

X3; CPS=5'210'2.60.0'1=6'4C/i

5 geedup = 6. 1/81 5 yeedup = 311 %