

$$C_{ciclu_F} = 4 + 72 \cdot 8 + 6 = 586$$

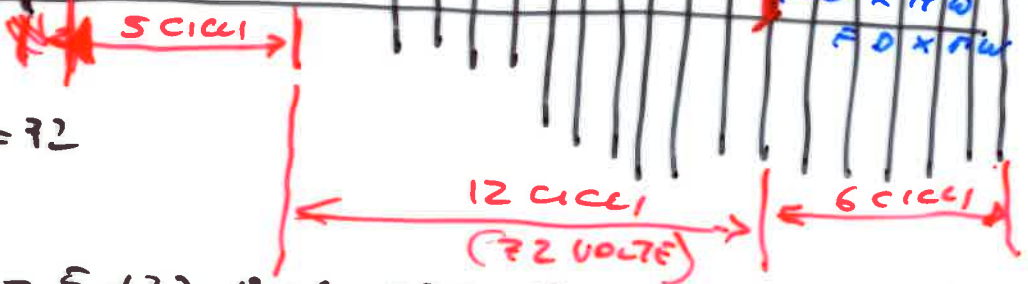
$$SPEEDUP = \frac{C_{ciclu_{NOF}}}{C_{ciclu_F}} = \frac{875}{586} \approx 1.4931$$

→ MIKCIOMI MENTO DEZ 49.31%

(*) $288/4 = 72$ VOLTE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
addi \$12, \$0, 2	F	D	X	M	W																		
addi \$10, \$0, 288	F	D	X	M	W																		
Coop: beq \$10, \$0, exit	F						X	X	W														
lw \$2, 100(\$10) (*)					F	D	X	M	W														
add \$2, \$2, \$12						F				D	X	M	W										
sw \$2, 200(\$10)										F				D	X	M	W						
loop														F	D	X	M	W					
addi \$10, \$10, -4															F	D	X	M	W				
exit: halt beq \$10, \$0, exit															F					D	X	M	W
lw \$2, 100(\$10)																F	D	X	M	W			
exit: halt																	F	D	X	M	W		

(*) $\# \text{ITEM?} = \frac{288}{4} = 72$



$CICLI_{NOF} = 5 + 72 \cdot 12 + 6 = 875$ (NO FORWARDING)