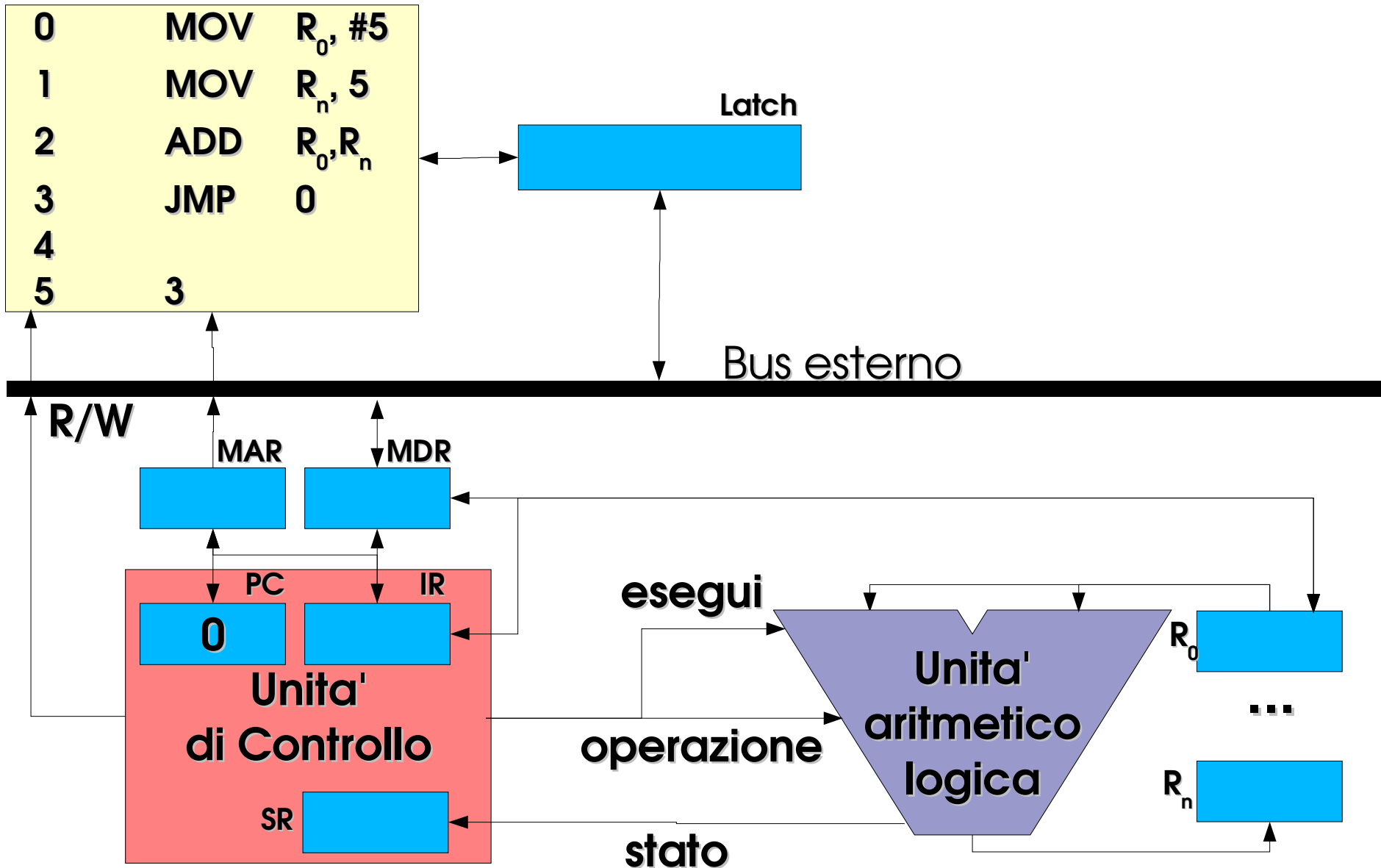


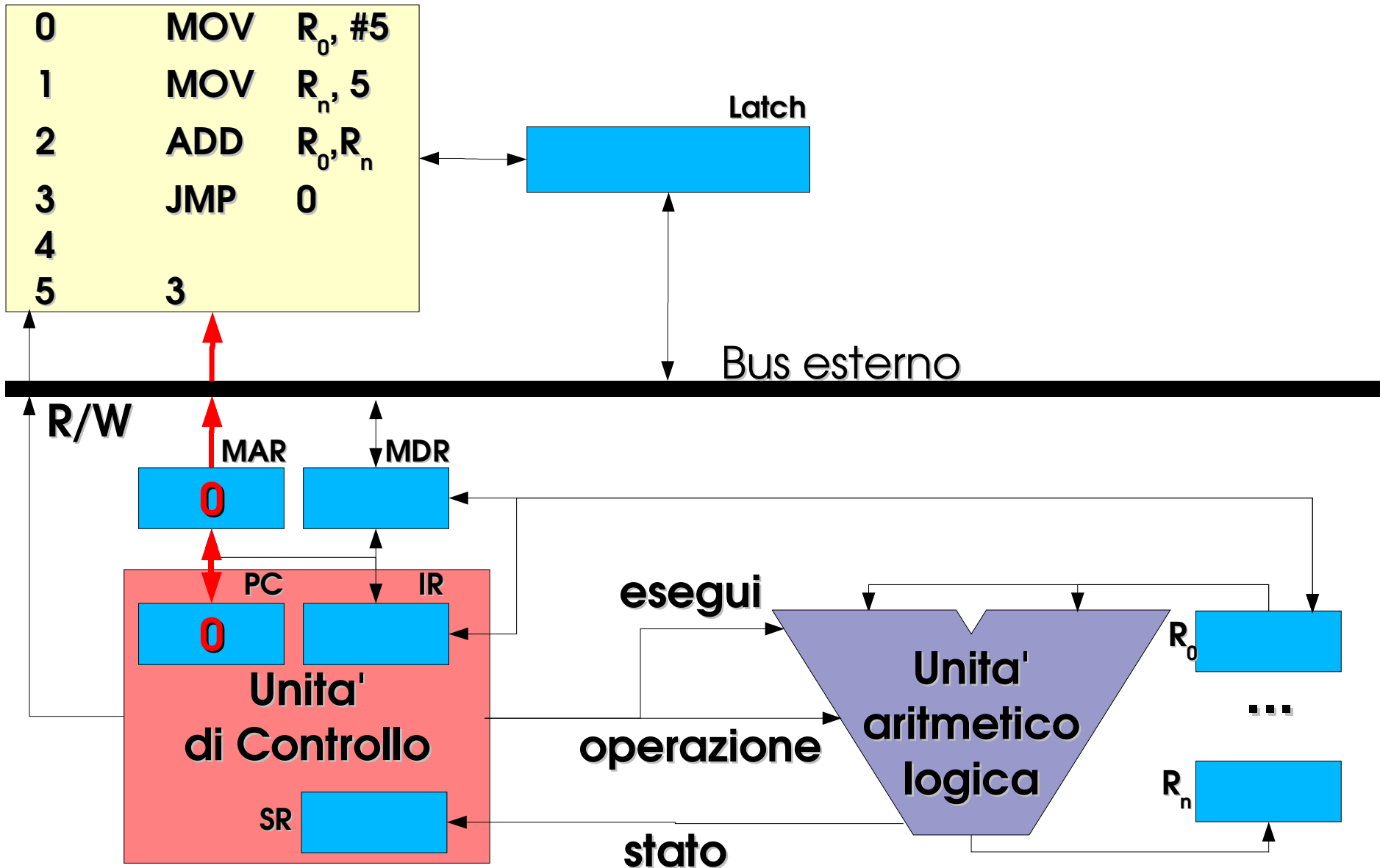
Ciclo di Fetch & execute

- Obiettivi
 - interpretazione concreta
 - istruzioni macchina
 - astrattezza del processo di calcolo

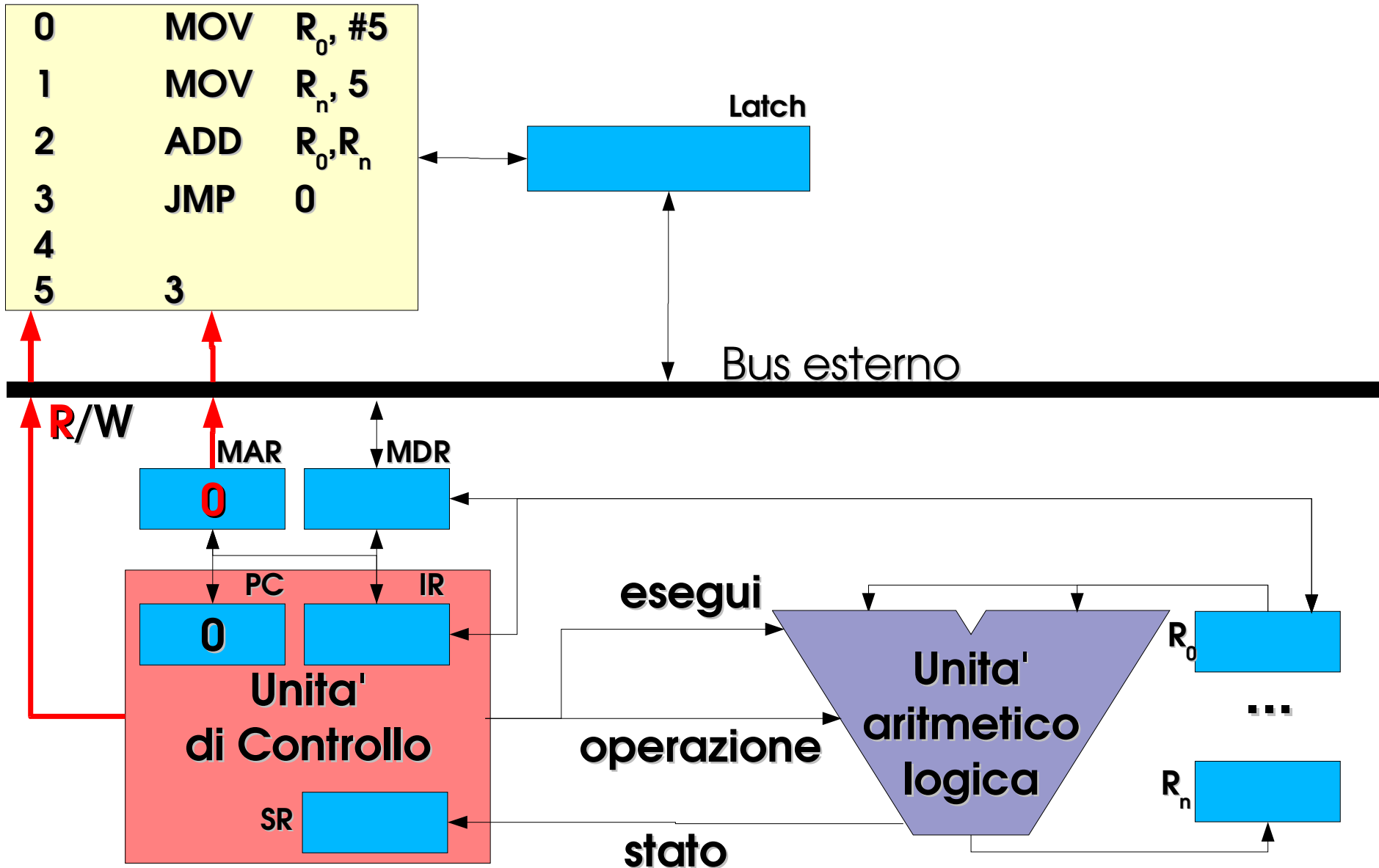
Ciclo di Fetch & Execute



Ciclo di Fetch & Execute



Ciclo di Fetch & Execute

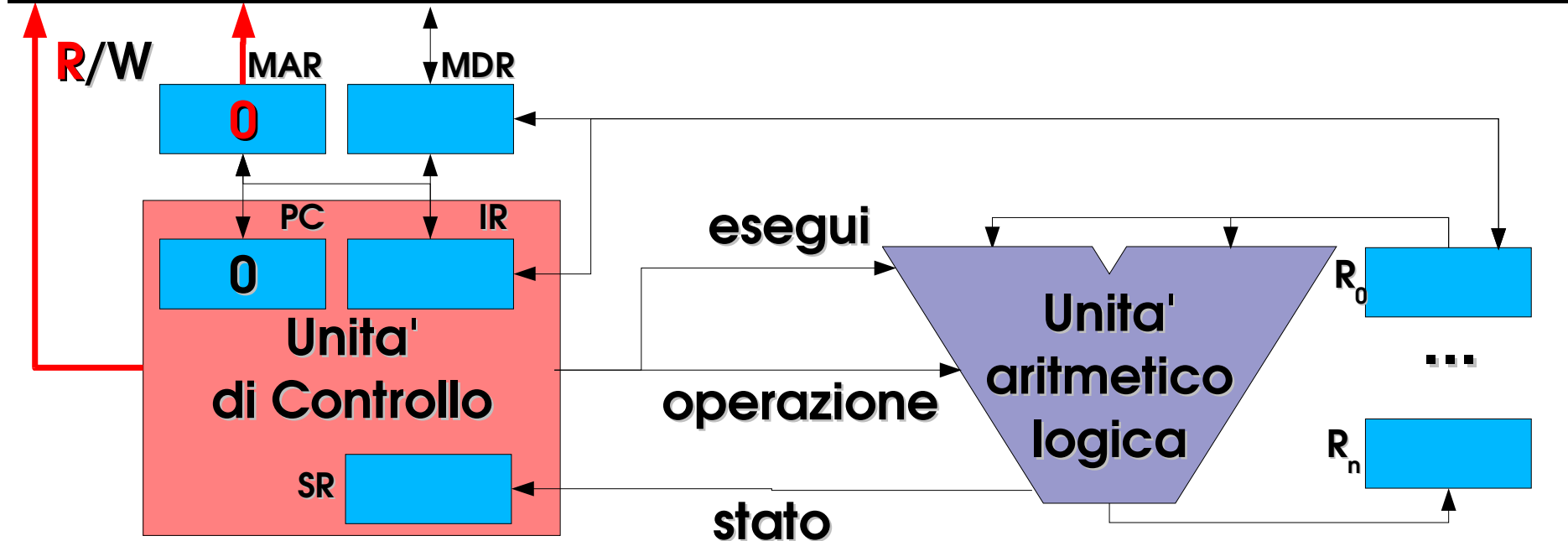


Ciclo di Fetch & Execute

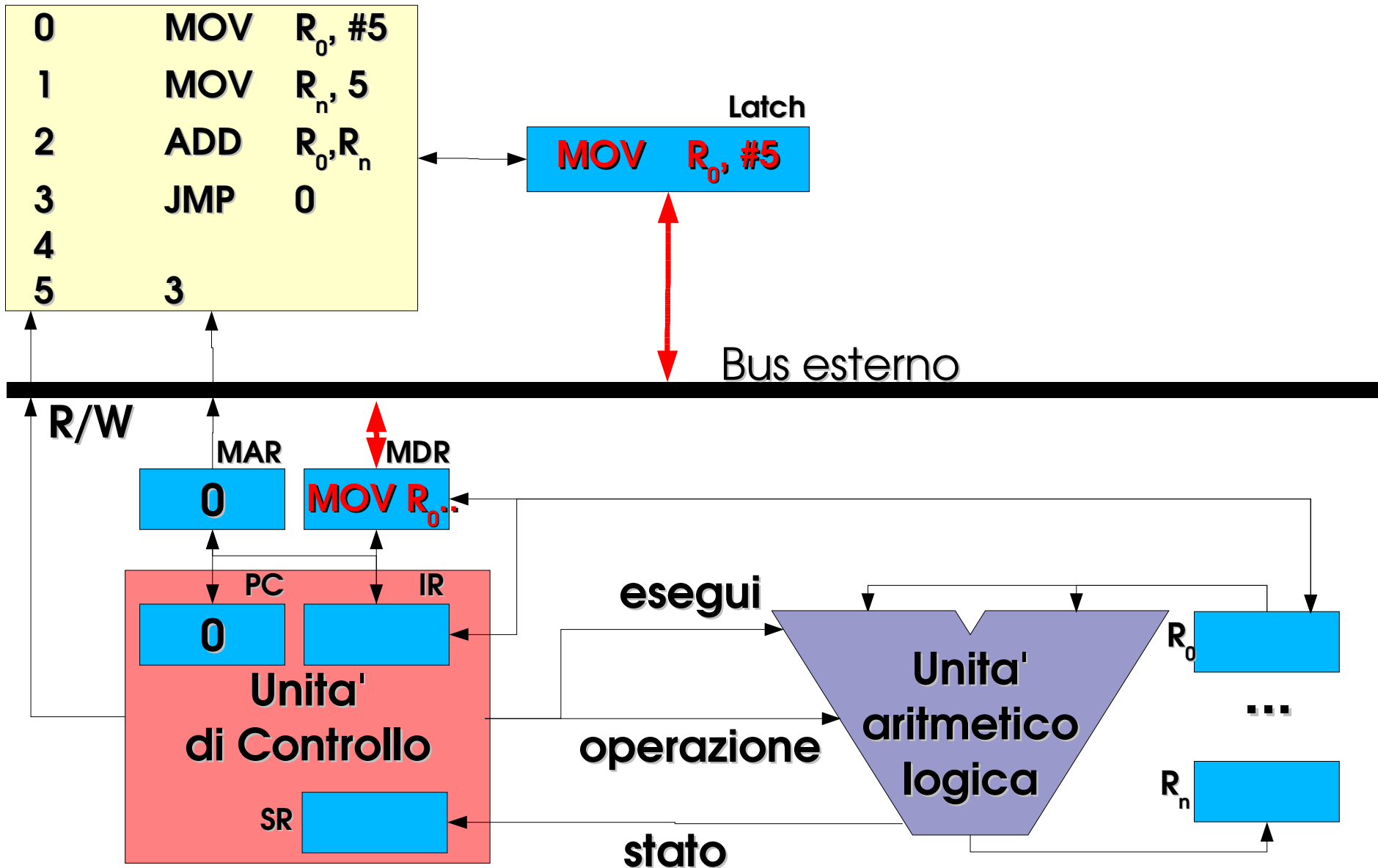
0	MOV	R ₀ , #5
1	MOV	R _n , 5
2	ADD	R ₀ , R _n
3	JMP	0
4		
5		3

Latch
MOV R₀, #5

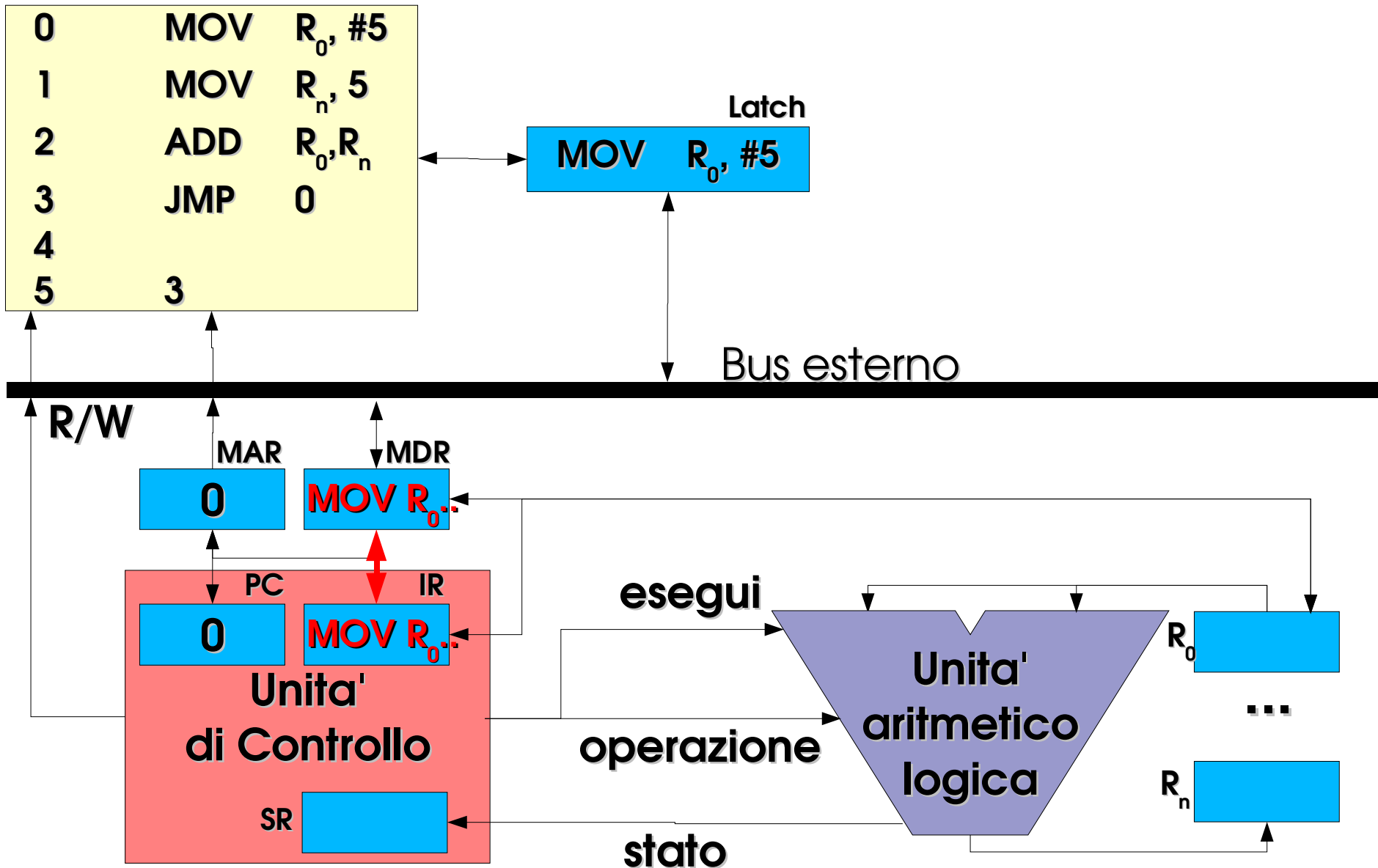
Bus esterno



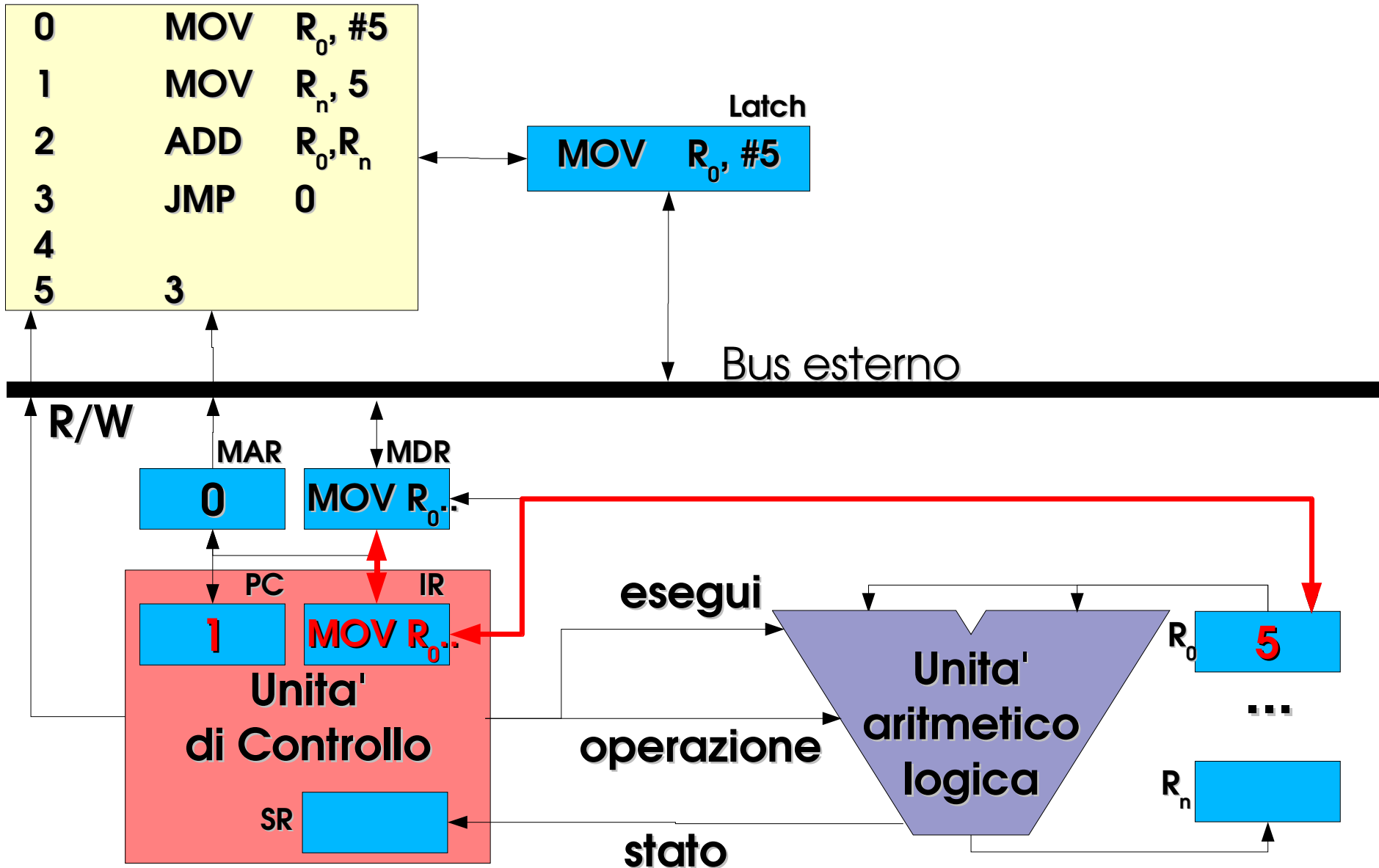
Ciclo di Fetch & Execute



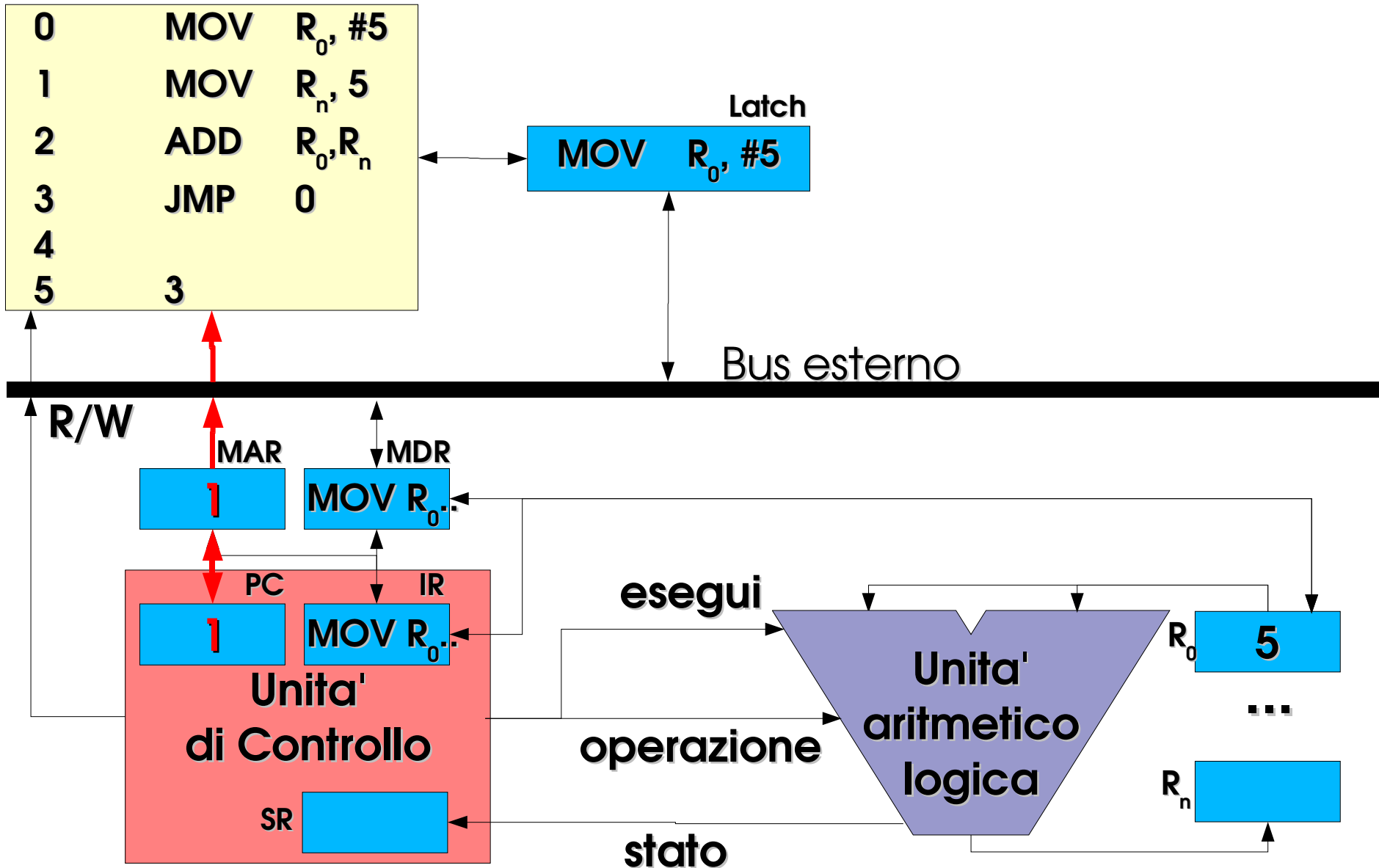
Ciclo di Fetch & Execute



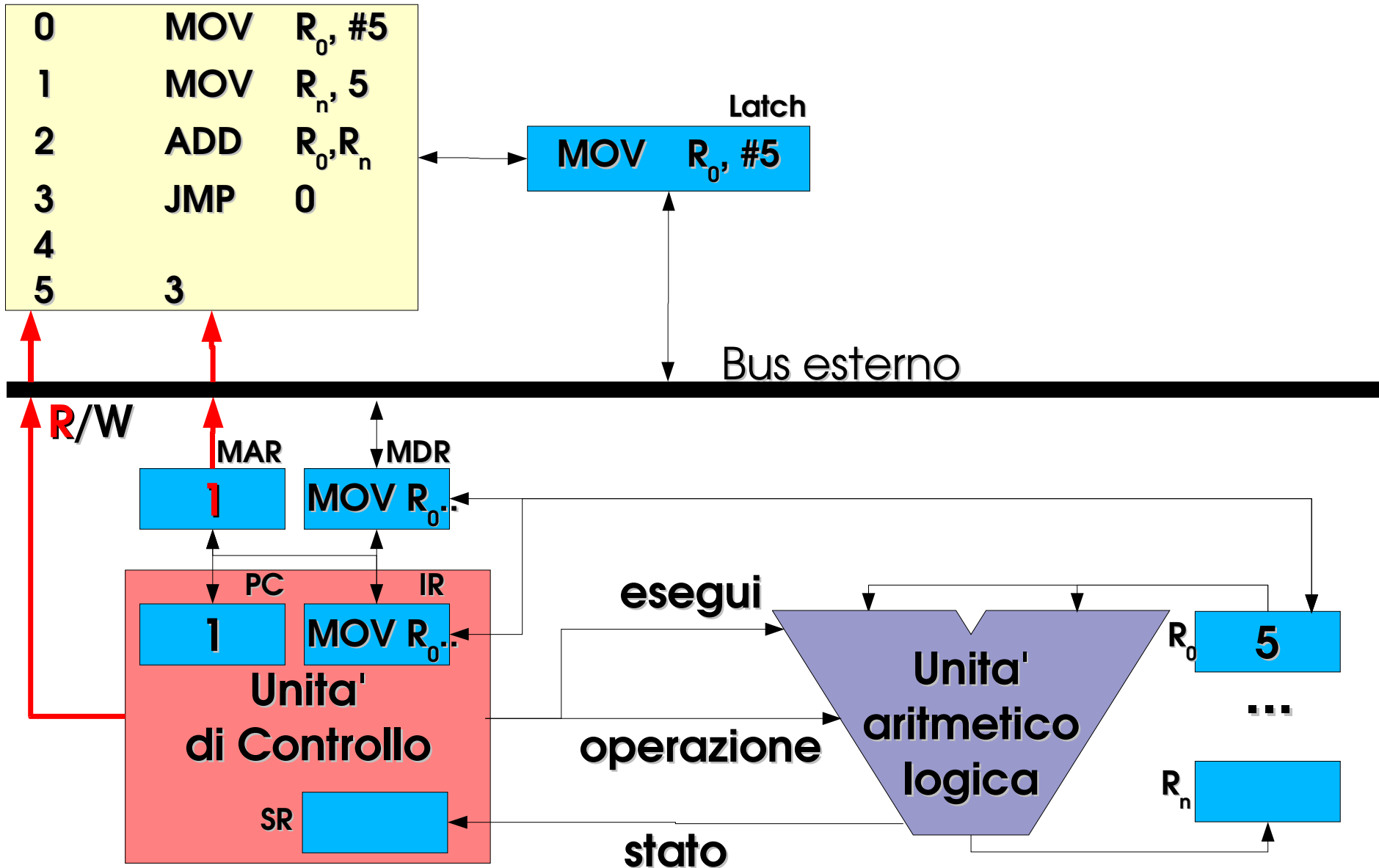
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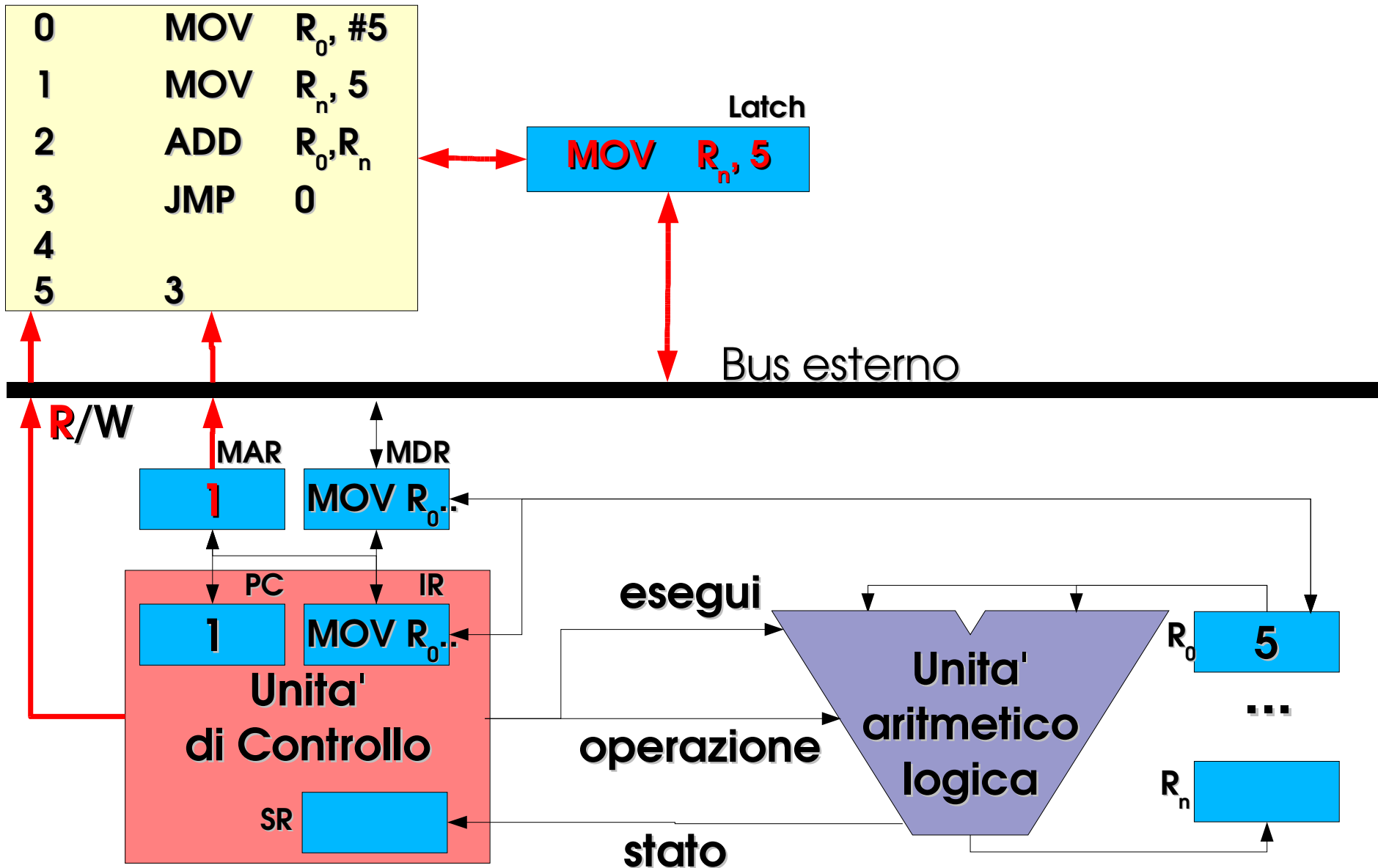
Ciclo di Fetch & Execute



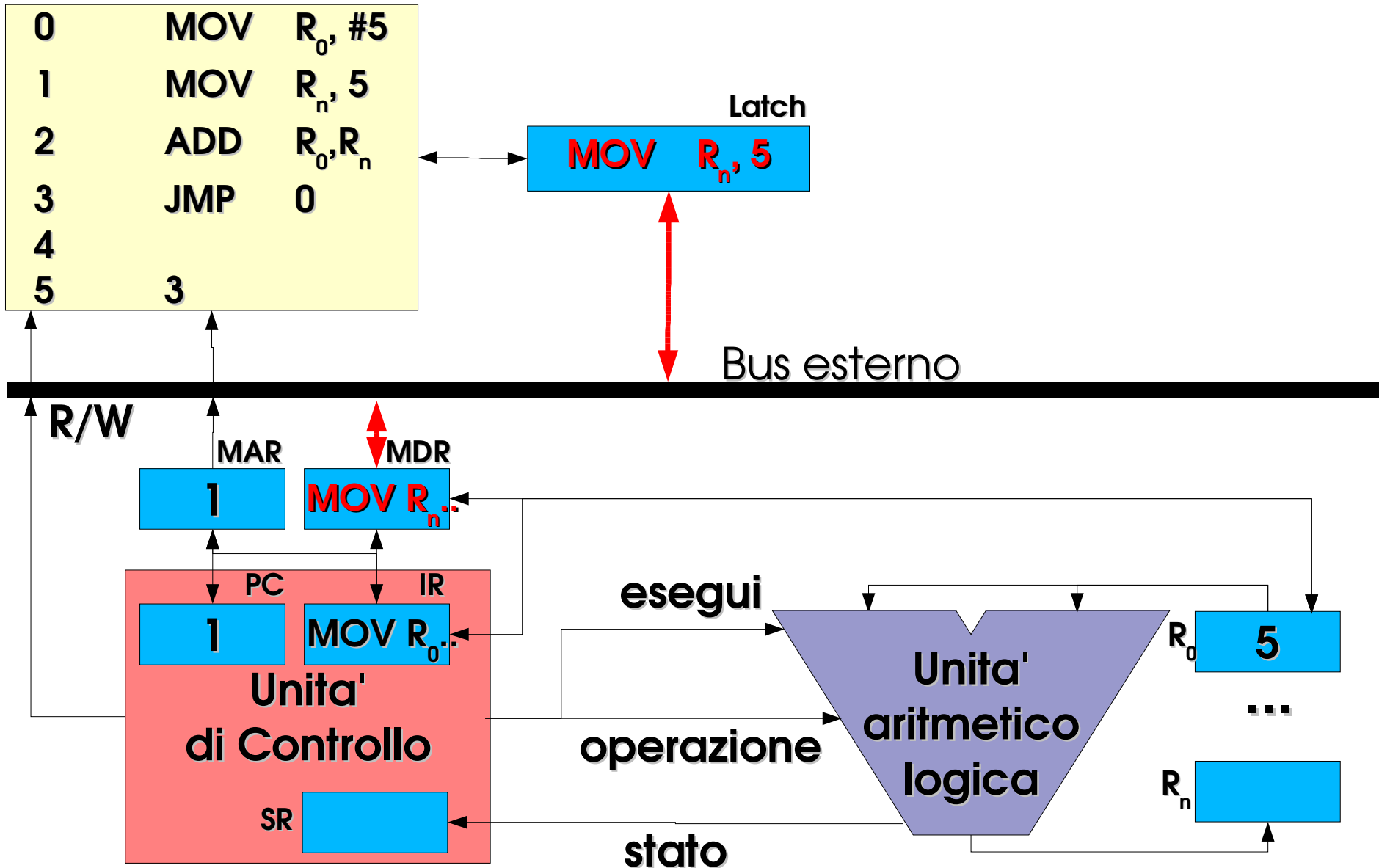
Ciclo di Fetch & Execute



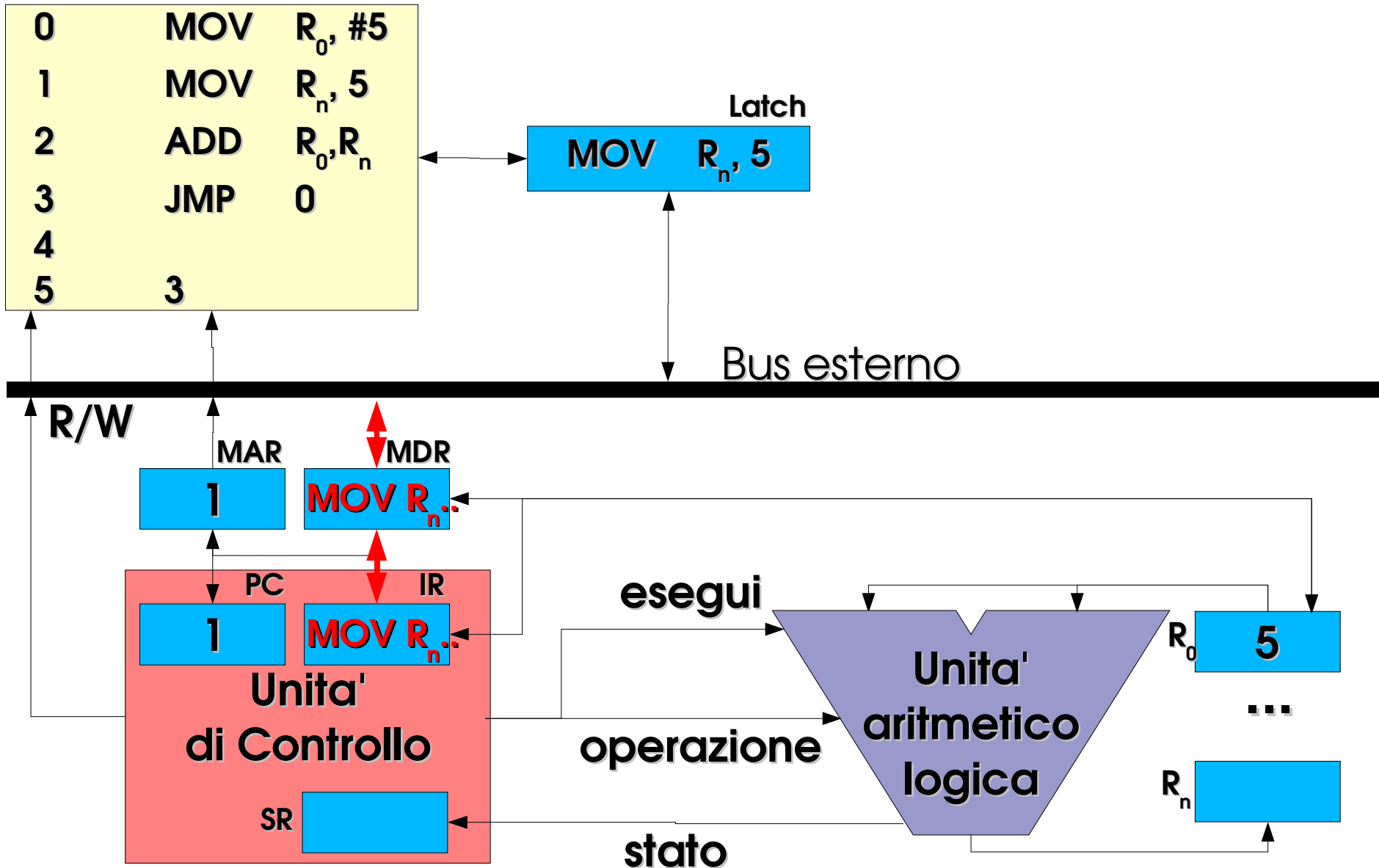
Ciclo di Fetch & Execute



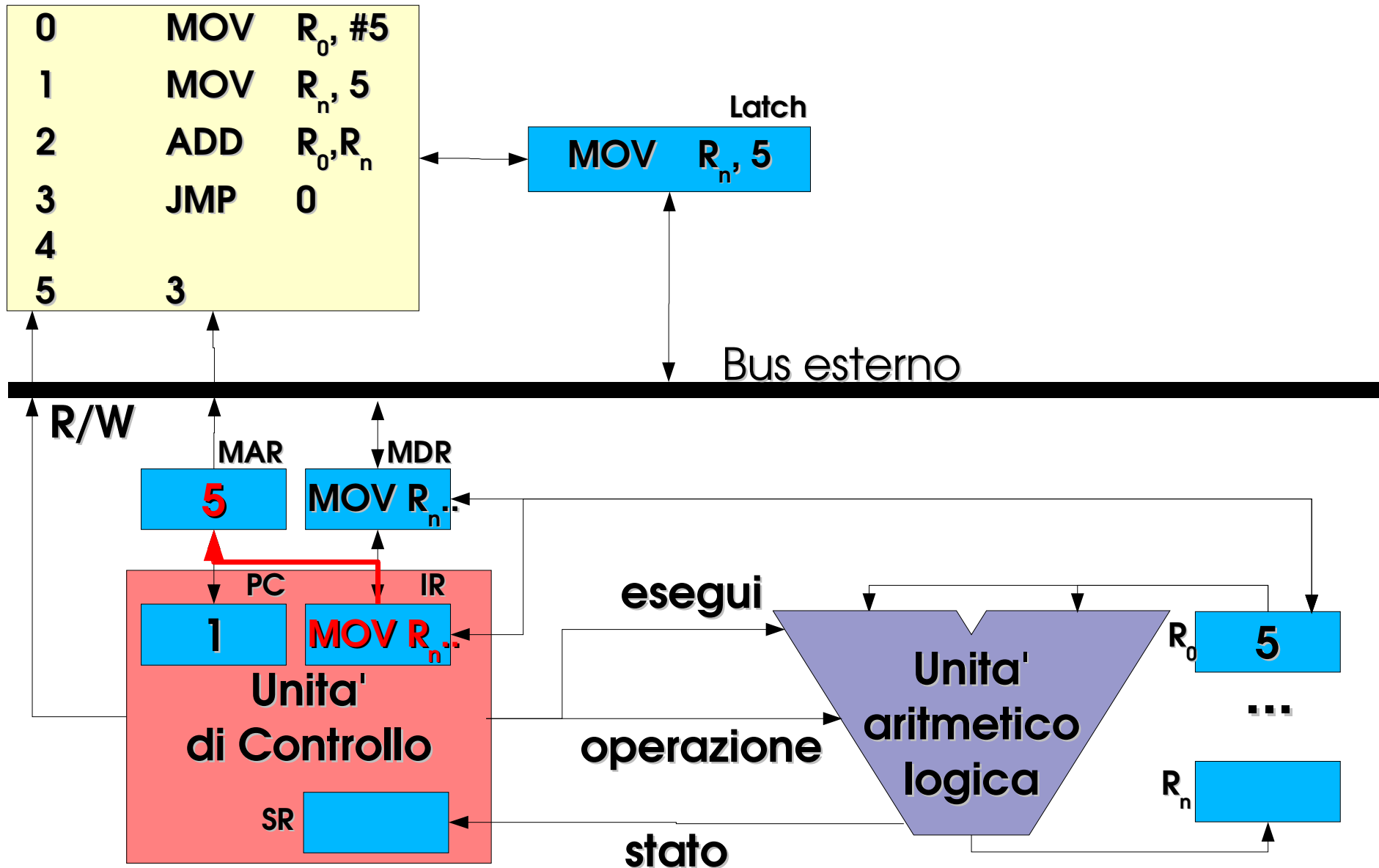
Ciclo di Fetch & Execute



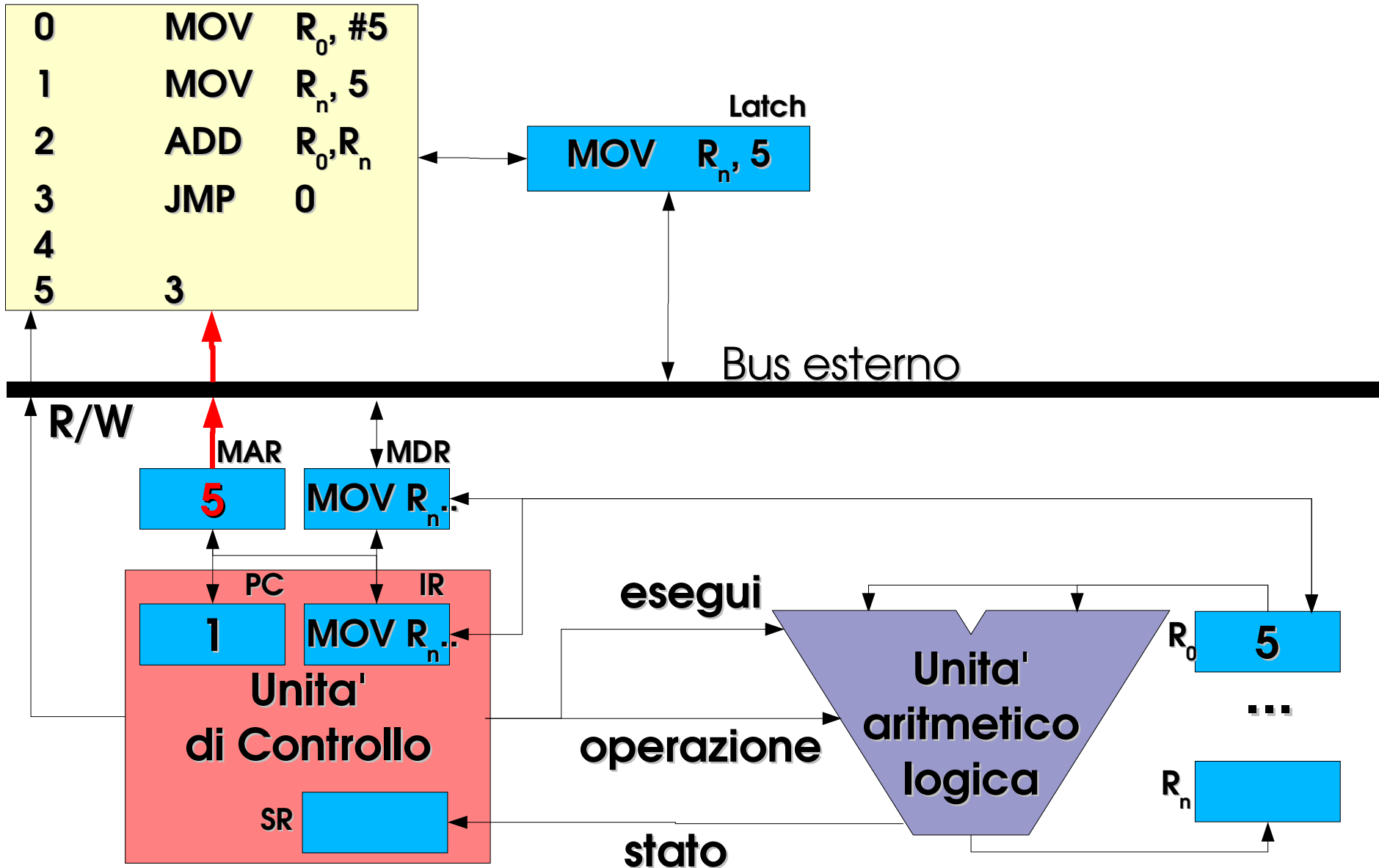
Ciclo di Fetch & Execute



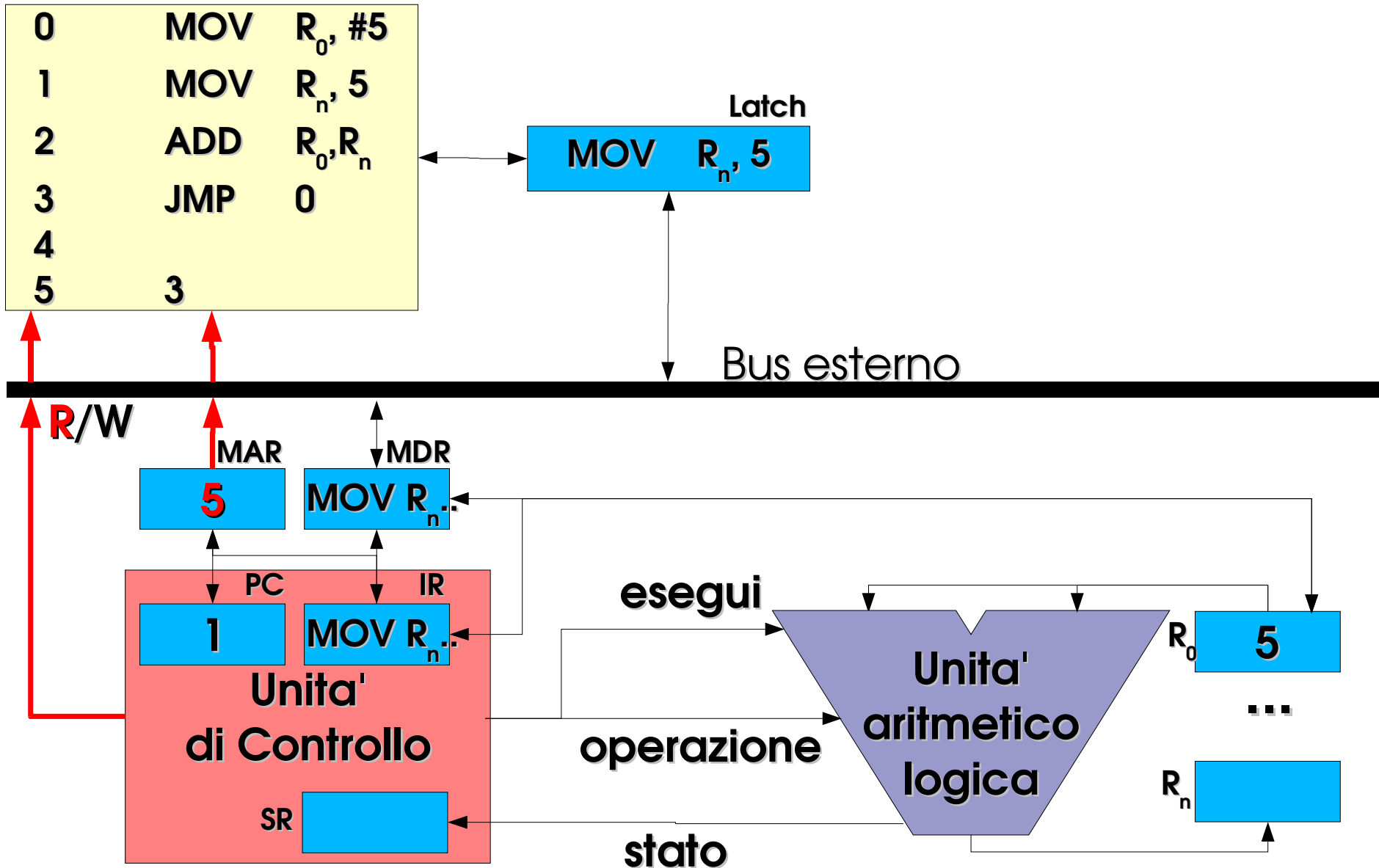
Ciclo di Fetch & Execute



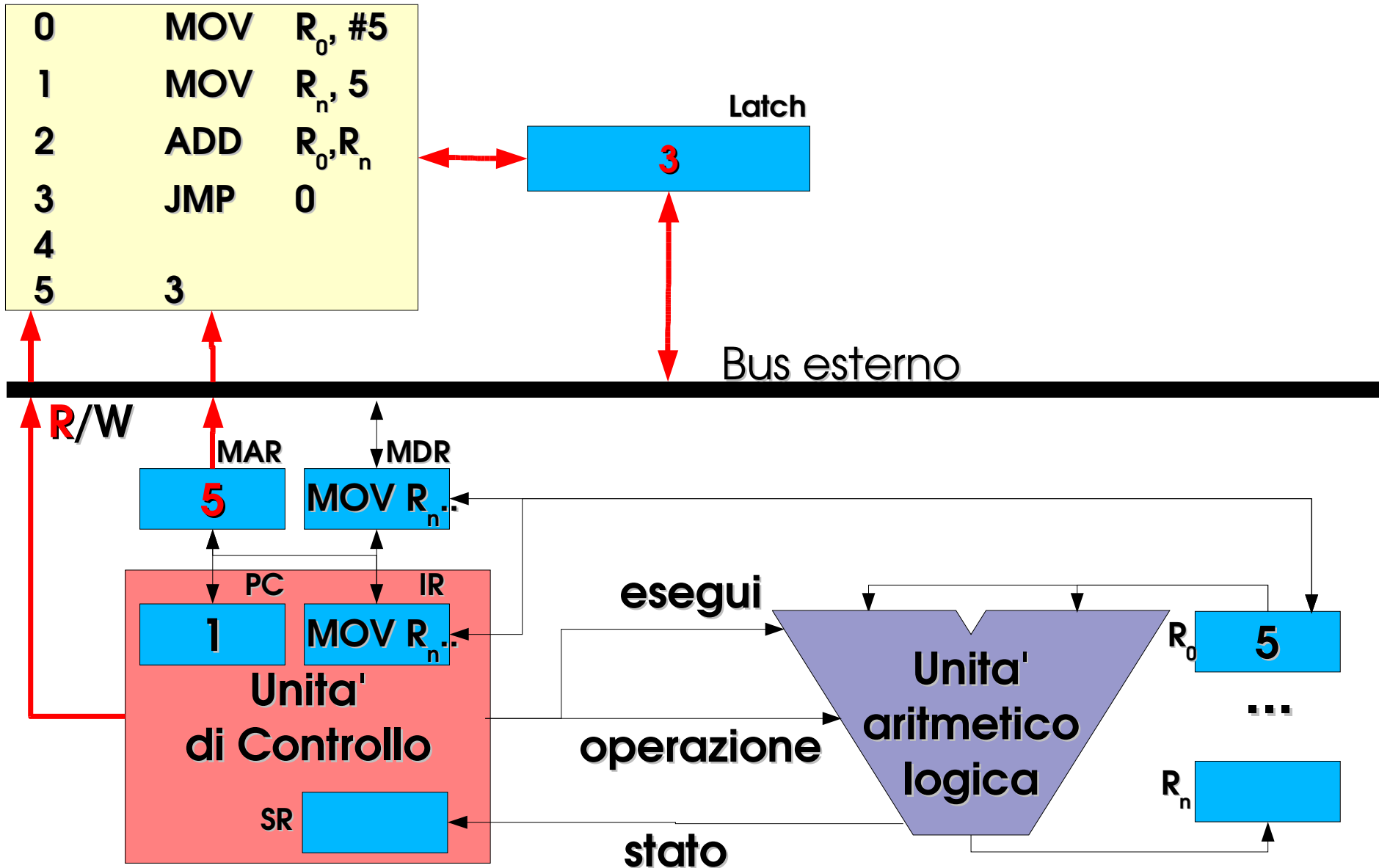
Ciclo di Fetch & Execute



Ciclo di Fetch & Execute



Ciclo di Fetch & Execute

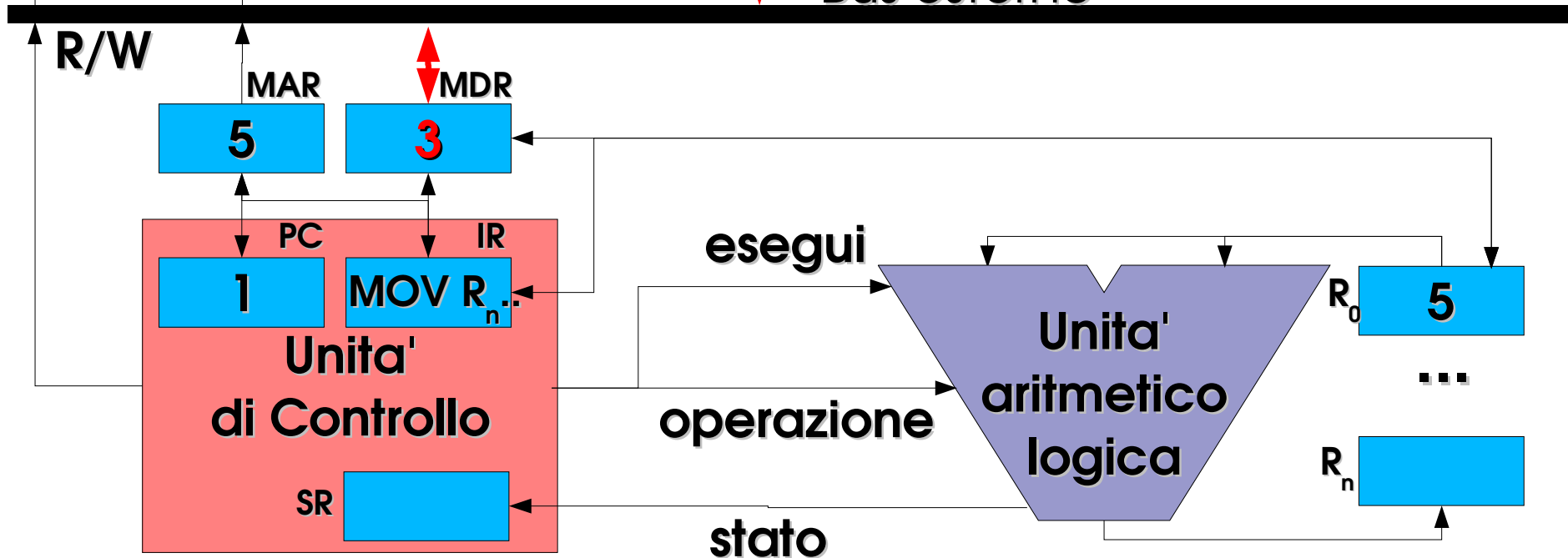


Ciclo di Fetch & Execute

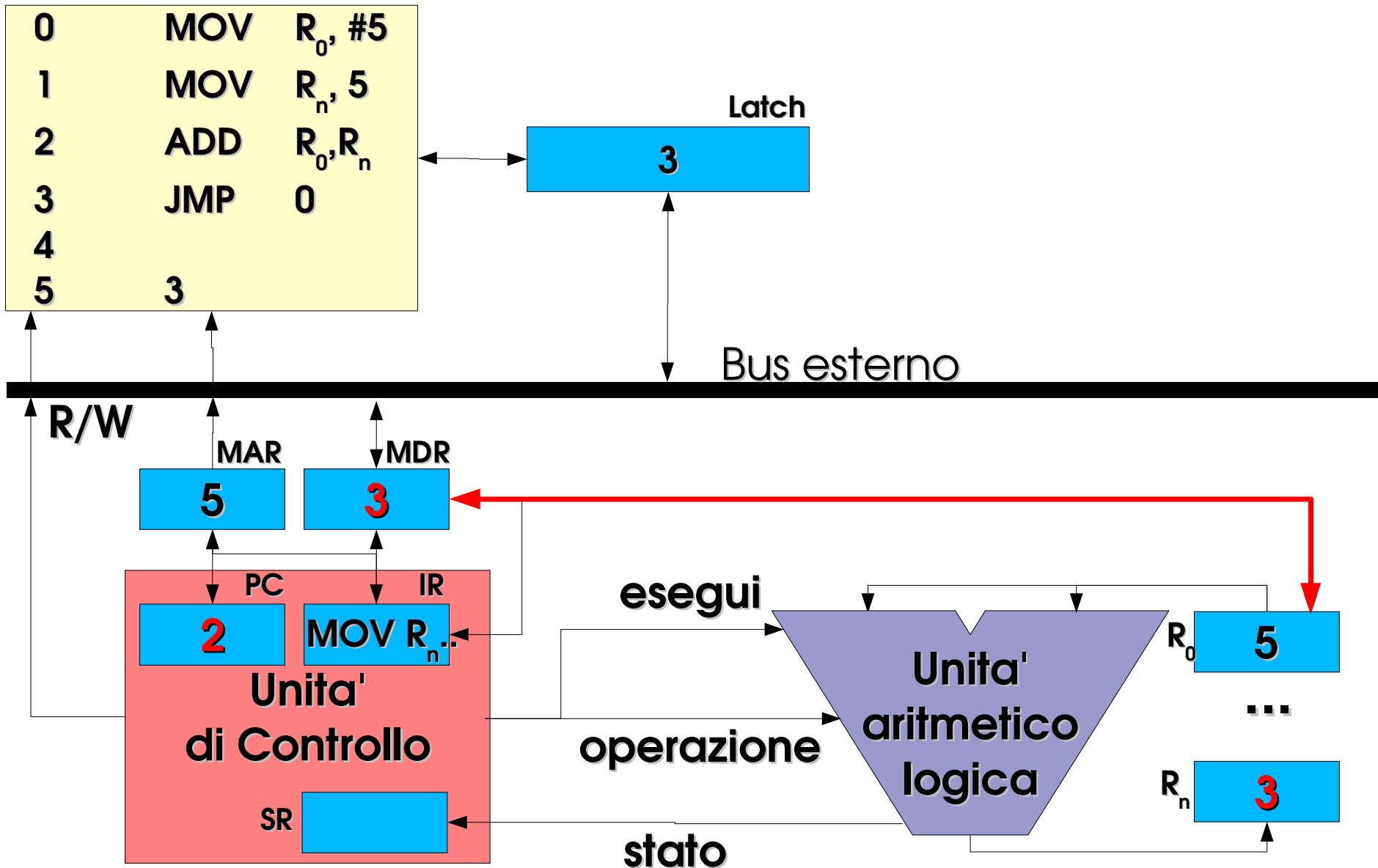
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1	MOV	R_n , 5
2	ADD	R_0 , R_n
3	JMP	0
4		
5		3



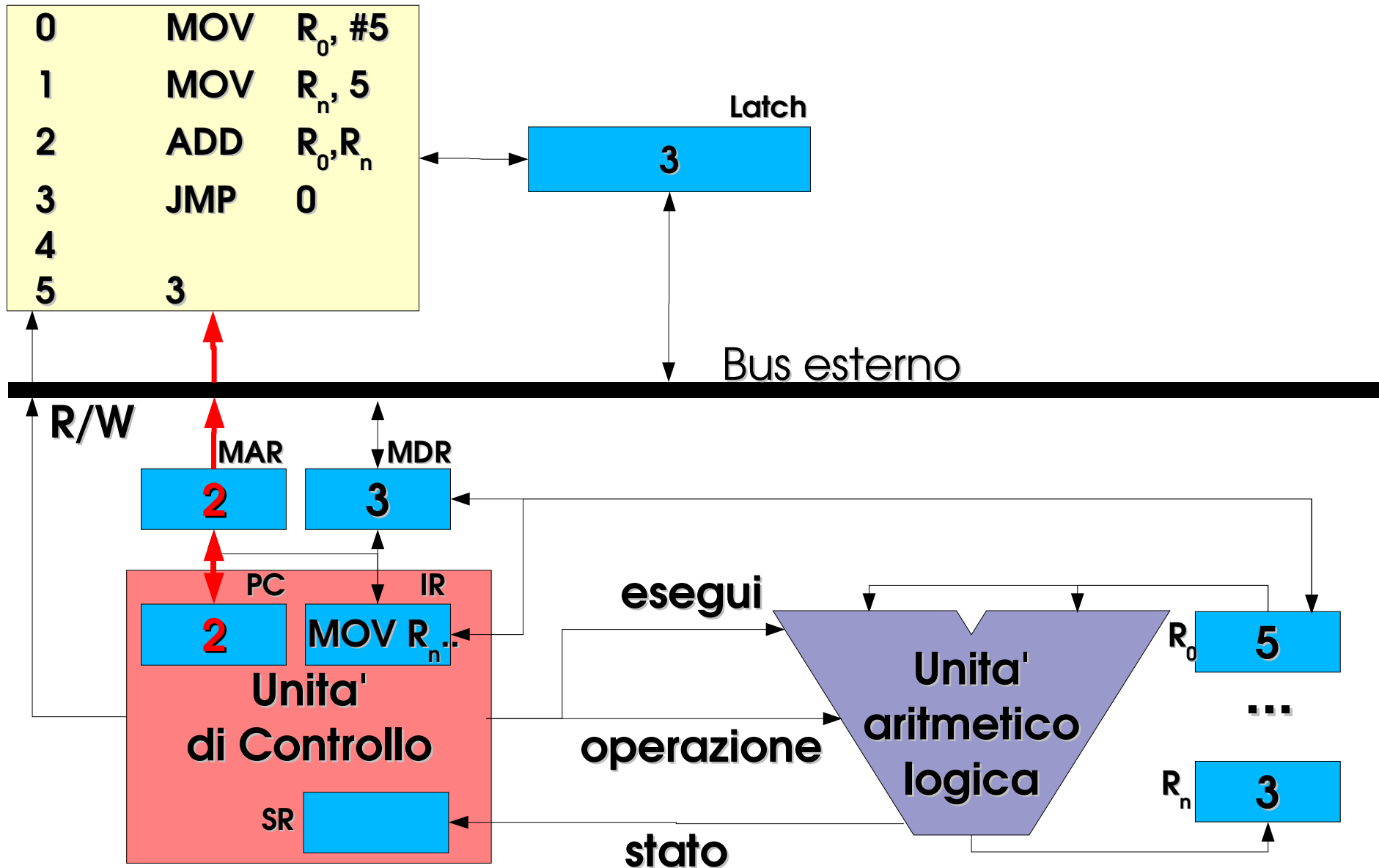
Bus esterno



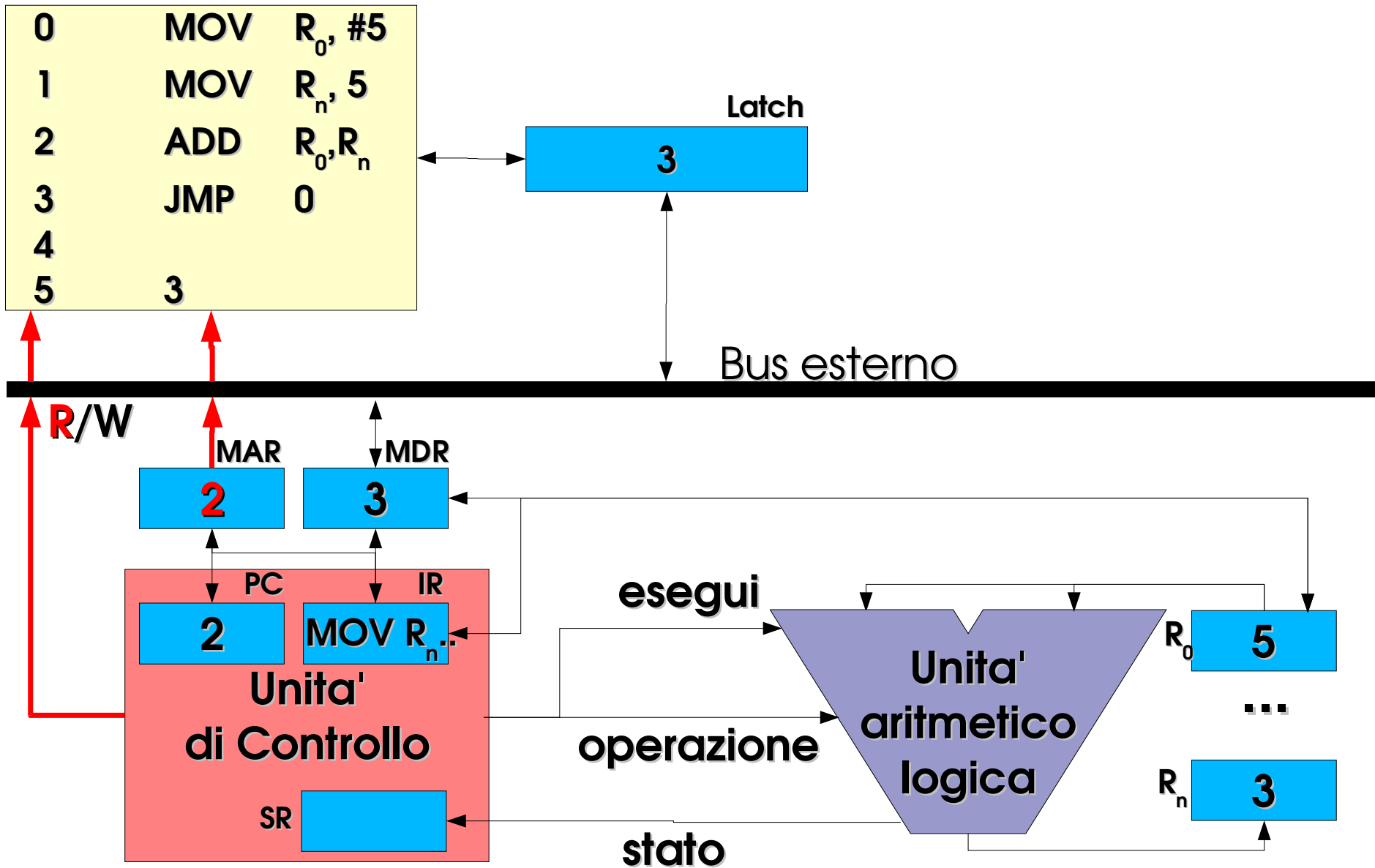
Ciclo di Fetch & Execute



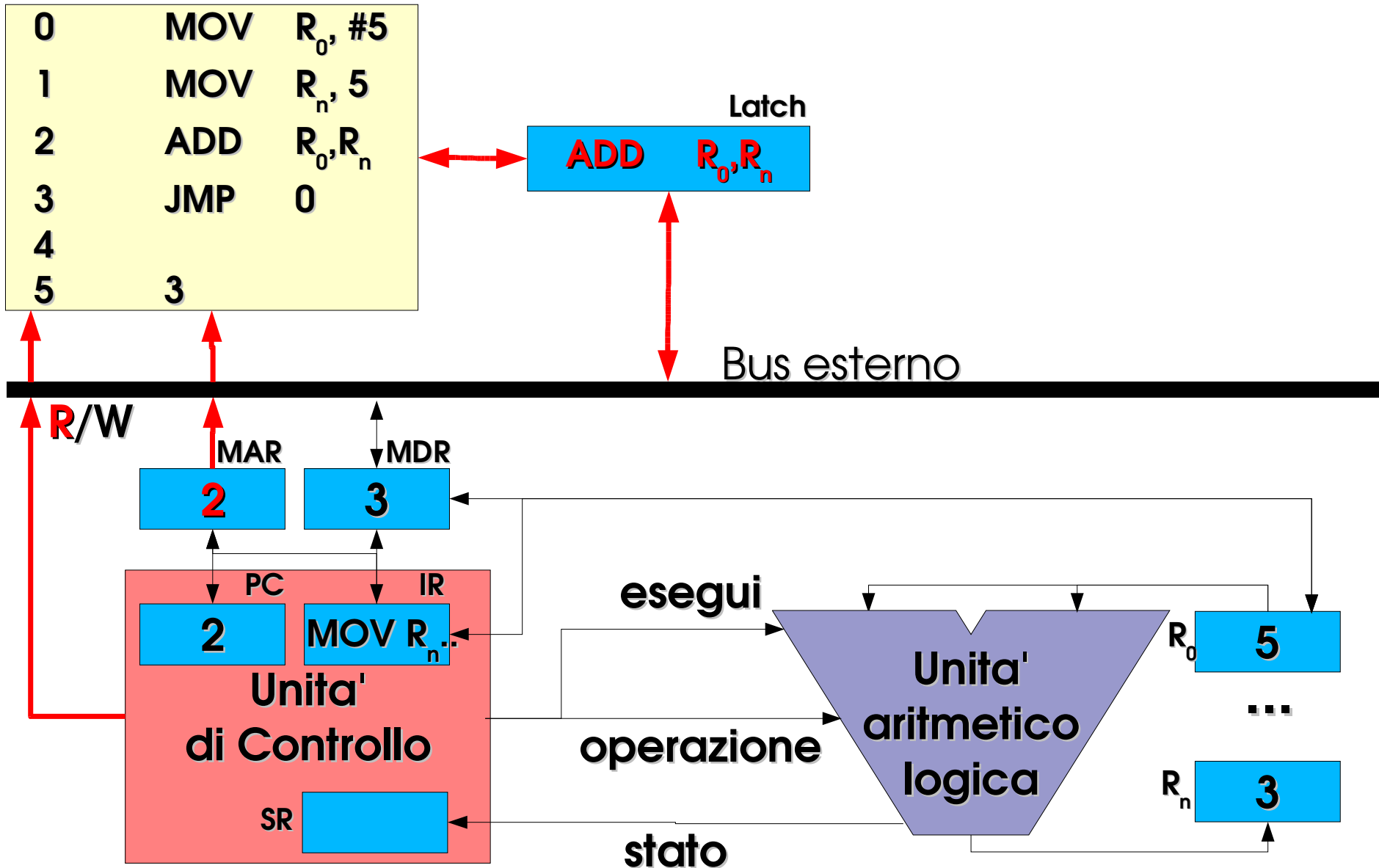
Ciclo di Fetch & Execute



Ciclo di Fetch & Execute



Ciclo di Fetch & Execute

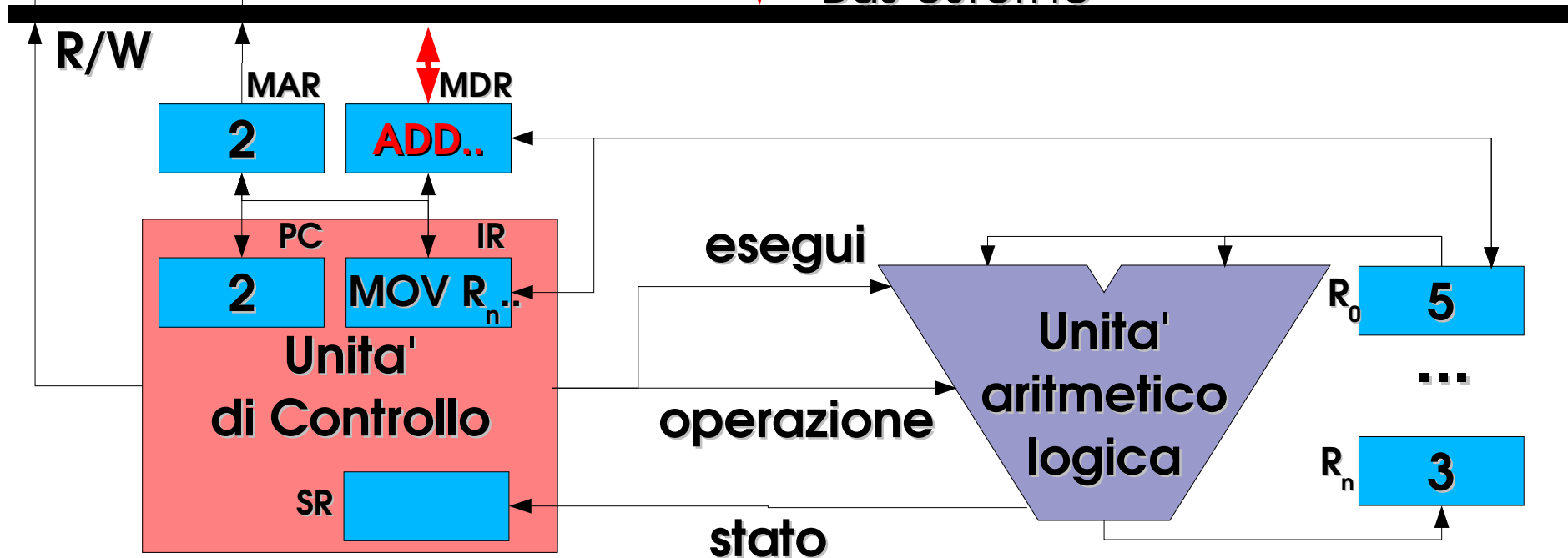


Ciclo di Fetch & Execute

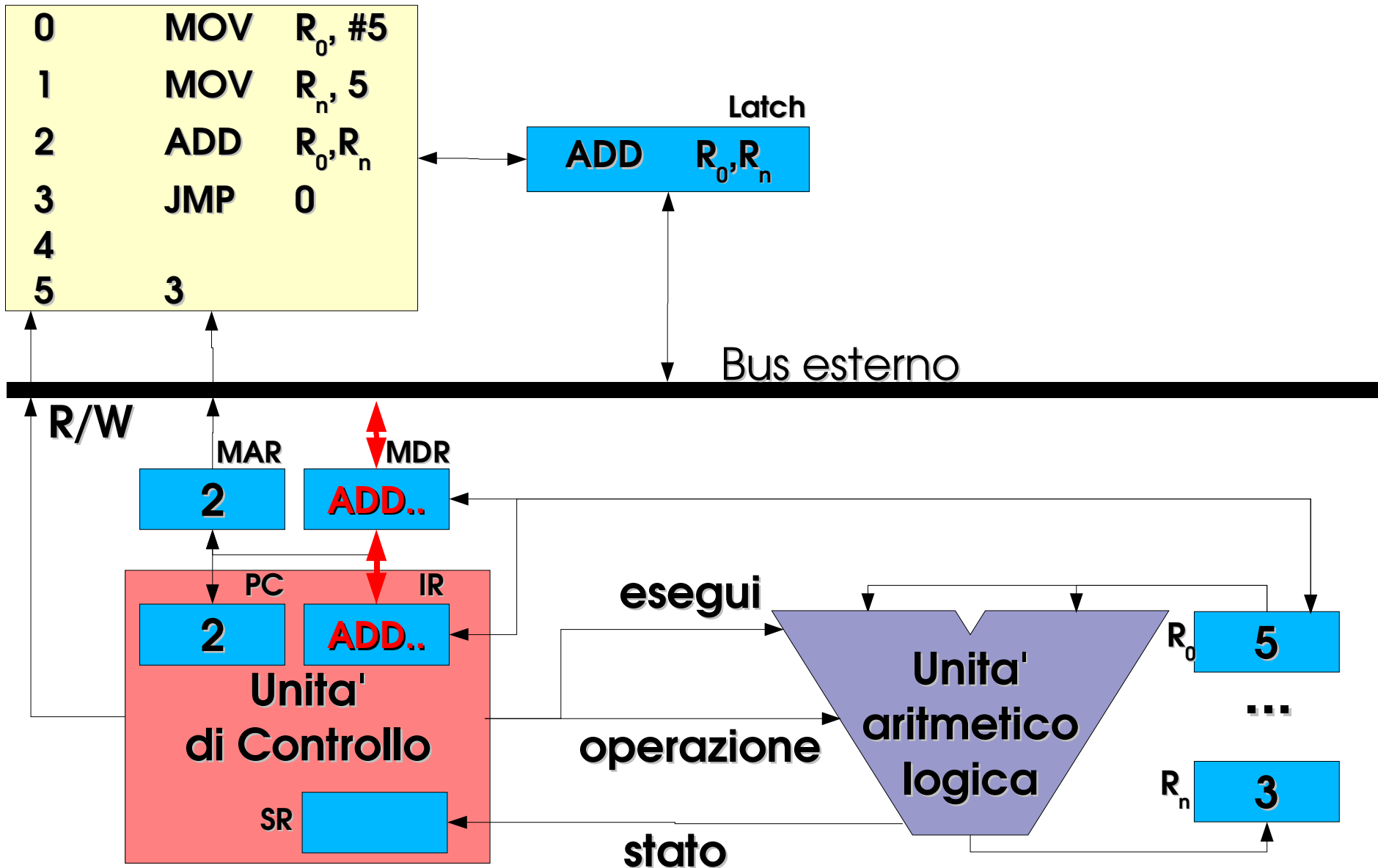
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1	MOV	R _n , 5
2	ADD	R ₀ , R _n
3	JMP	0
4		
5		3



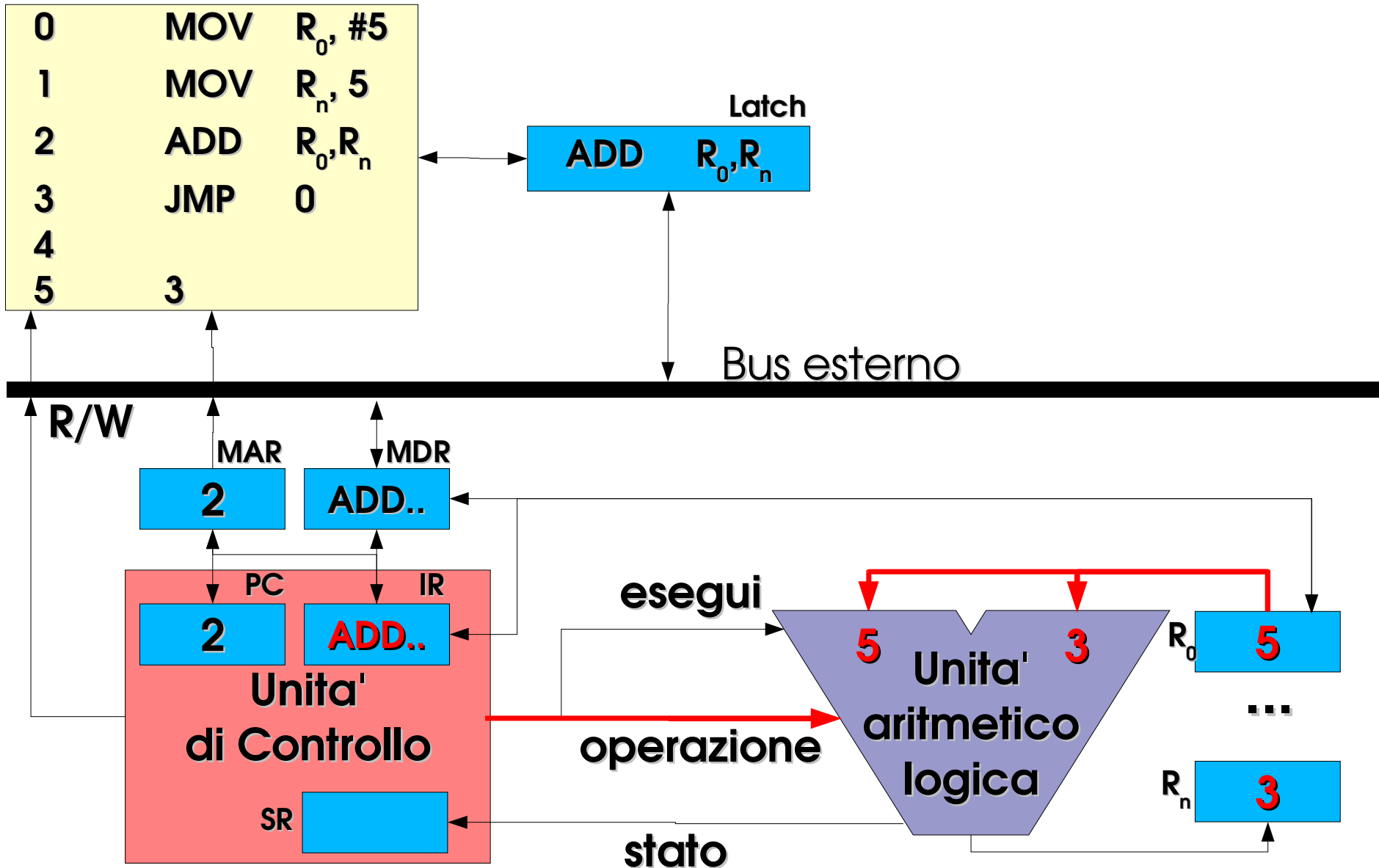
Bus esterno



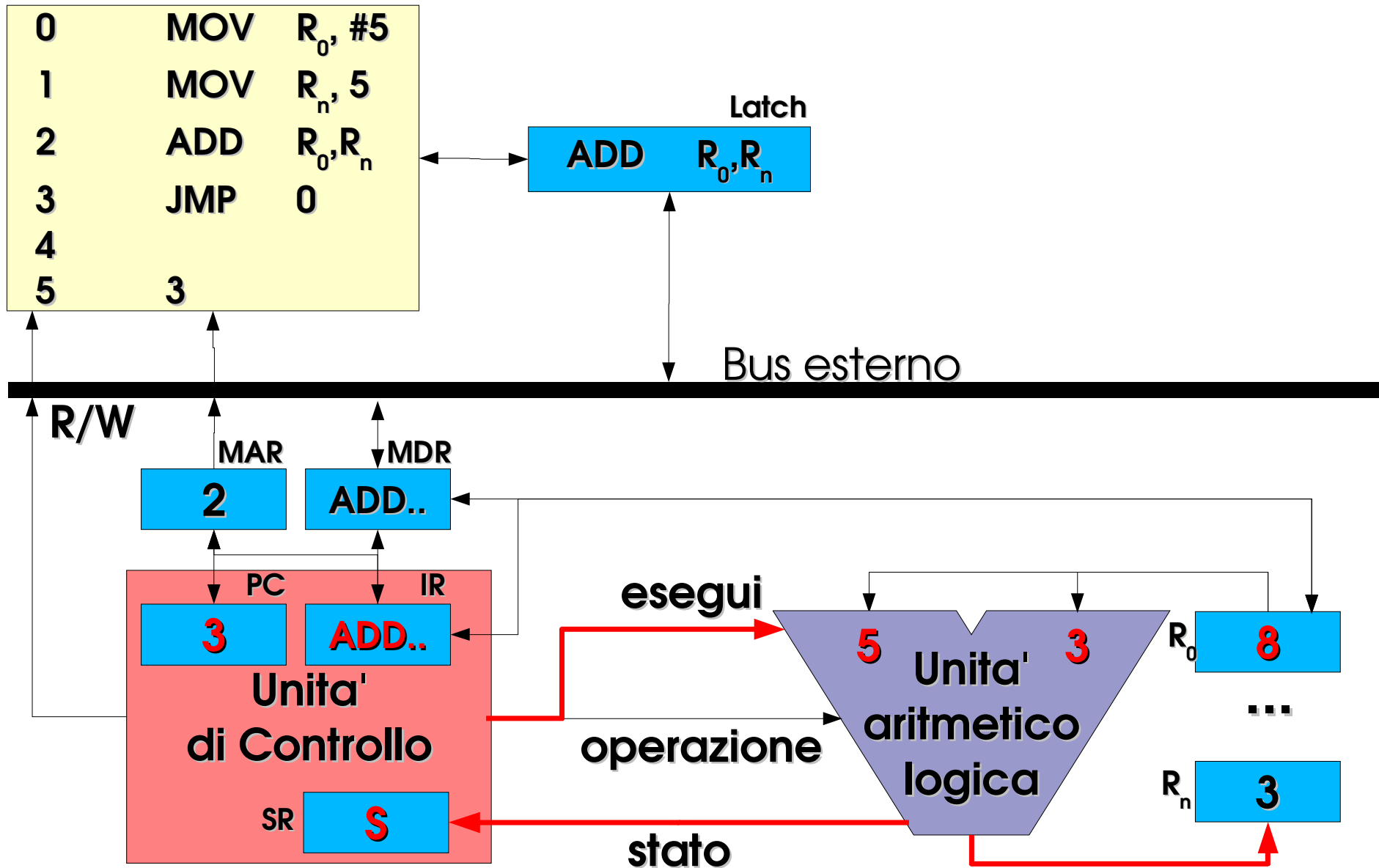
Ciclo di Fetch & Execute



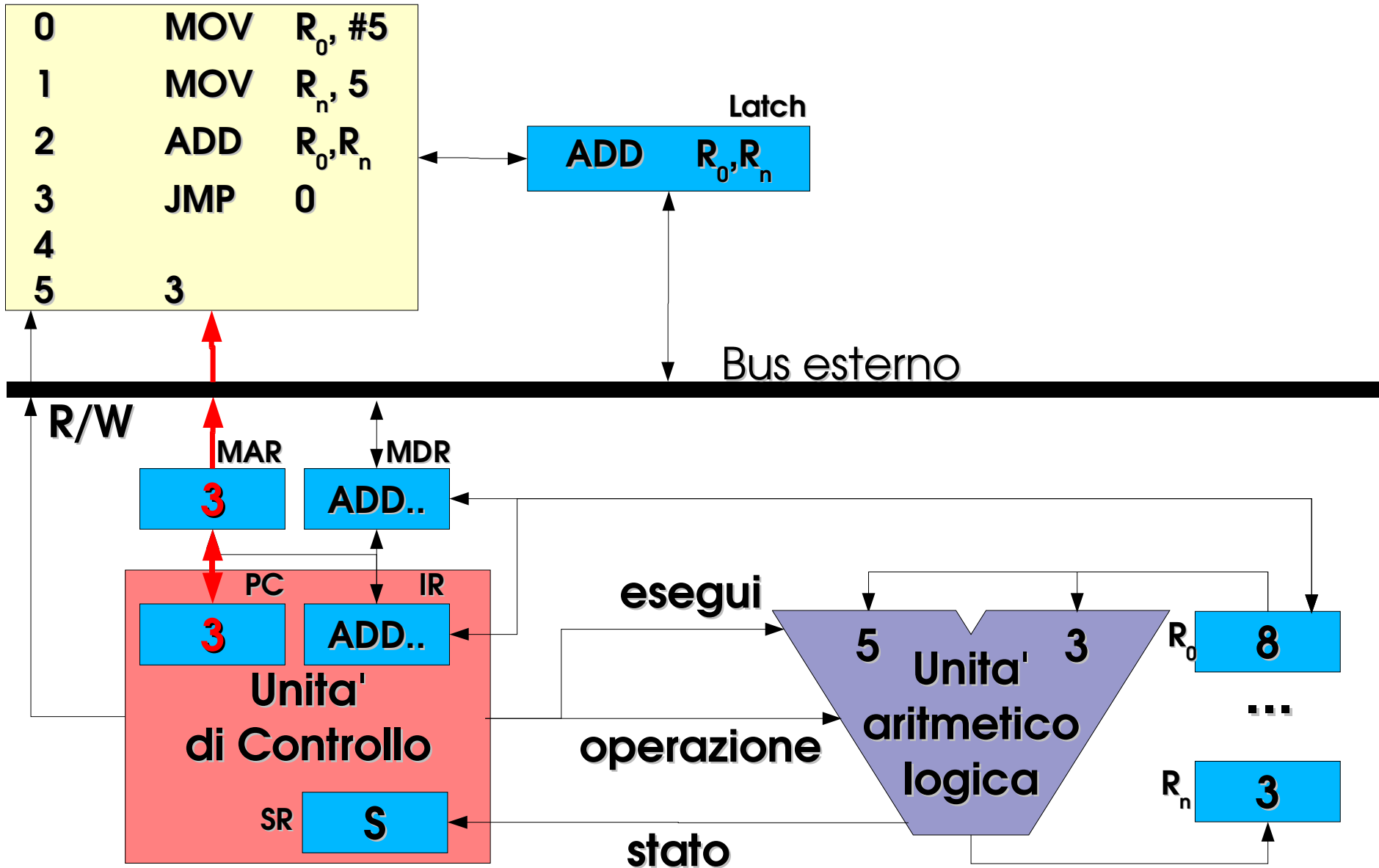
Ciclo di Fetch & Execute



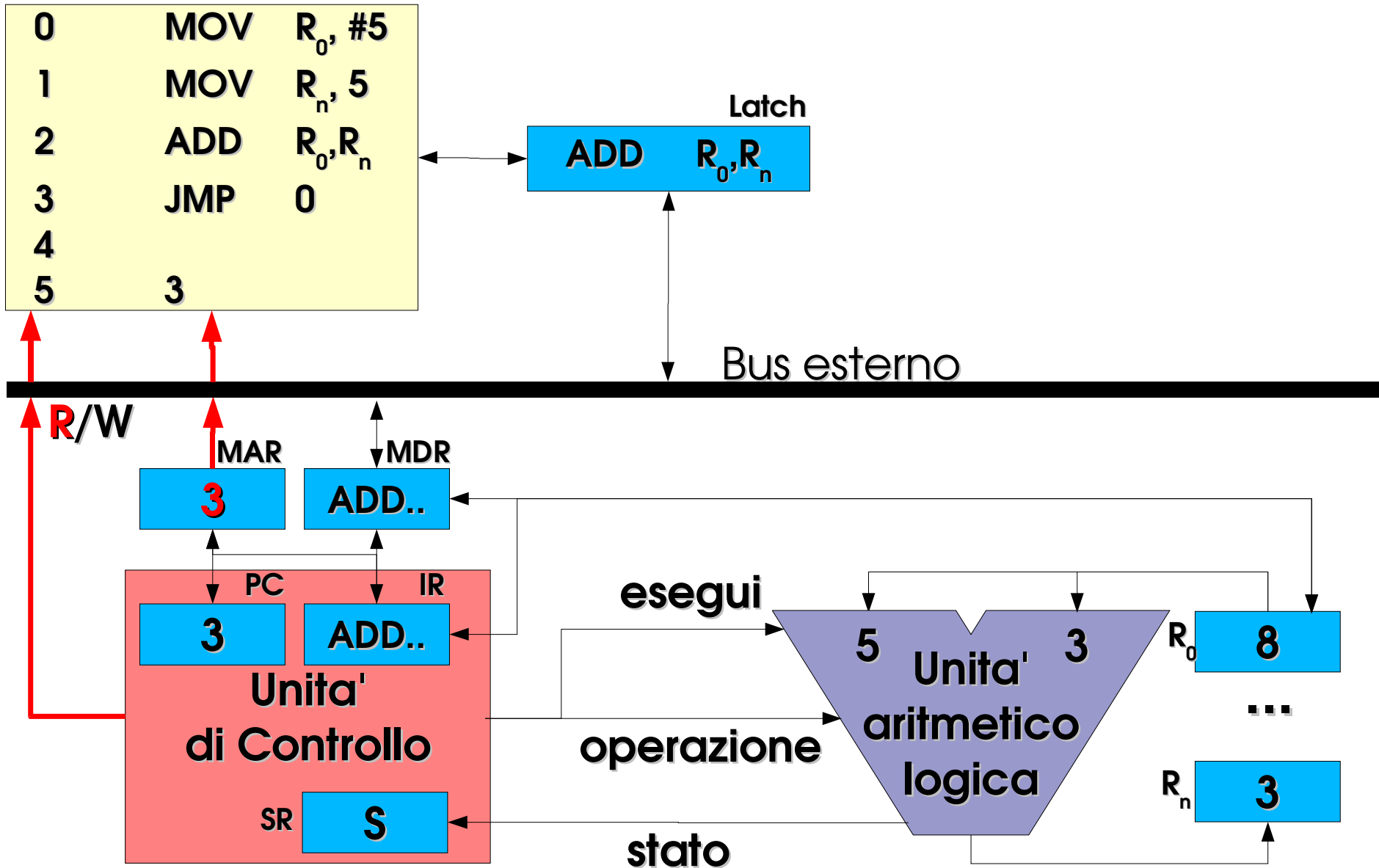
Ciclo di Fetch & Execute



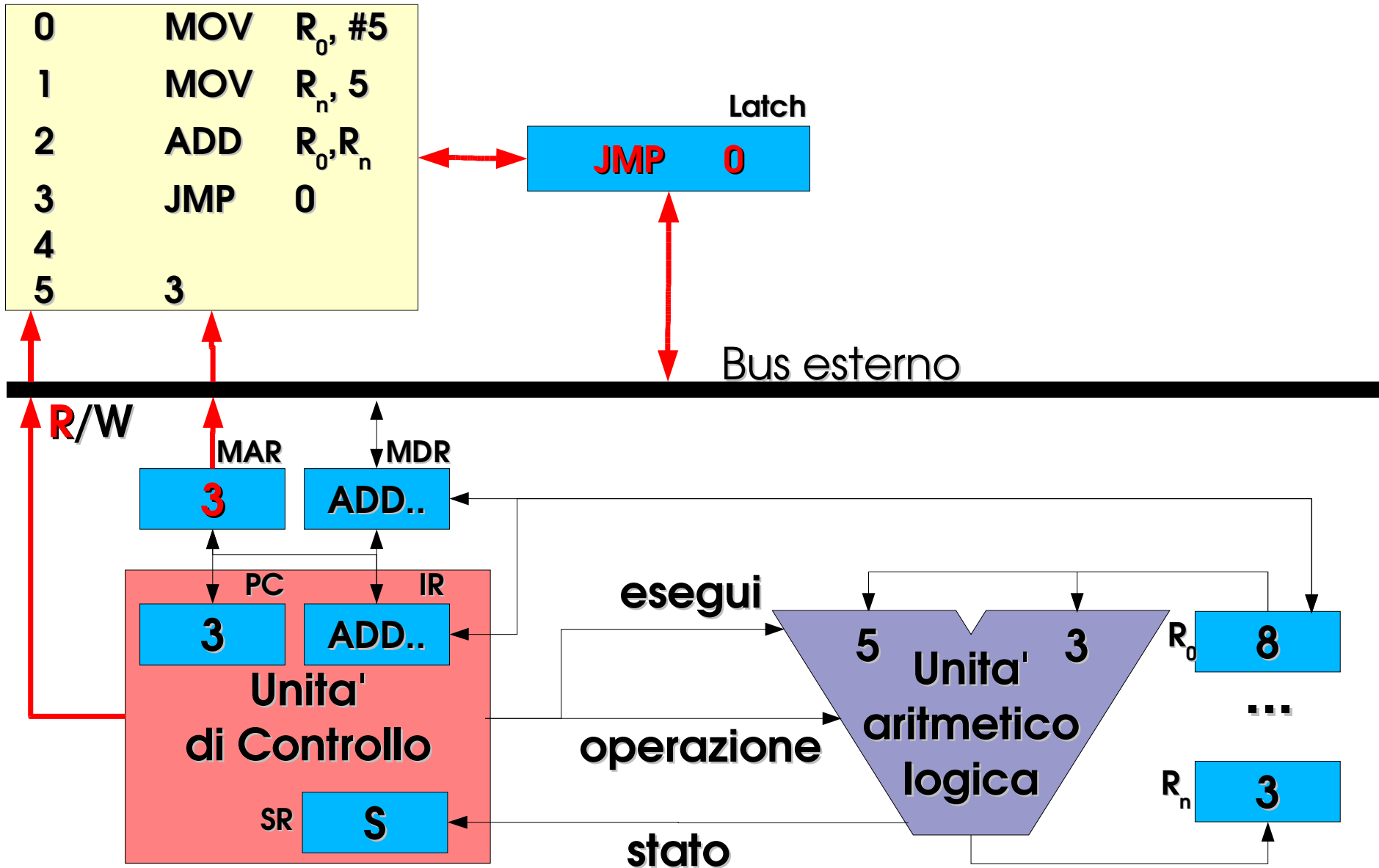
Ciclo di Fetch & Execute



Ciclo di Fetch & Execute



Ciclo di Fetch & Execute

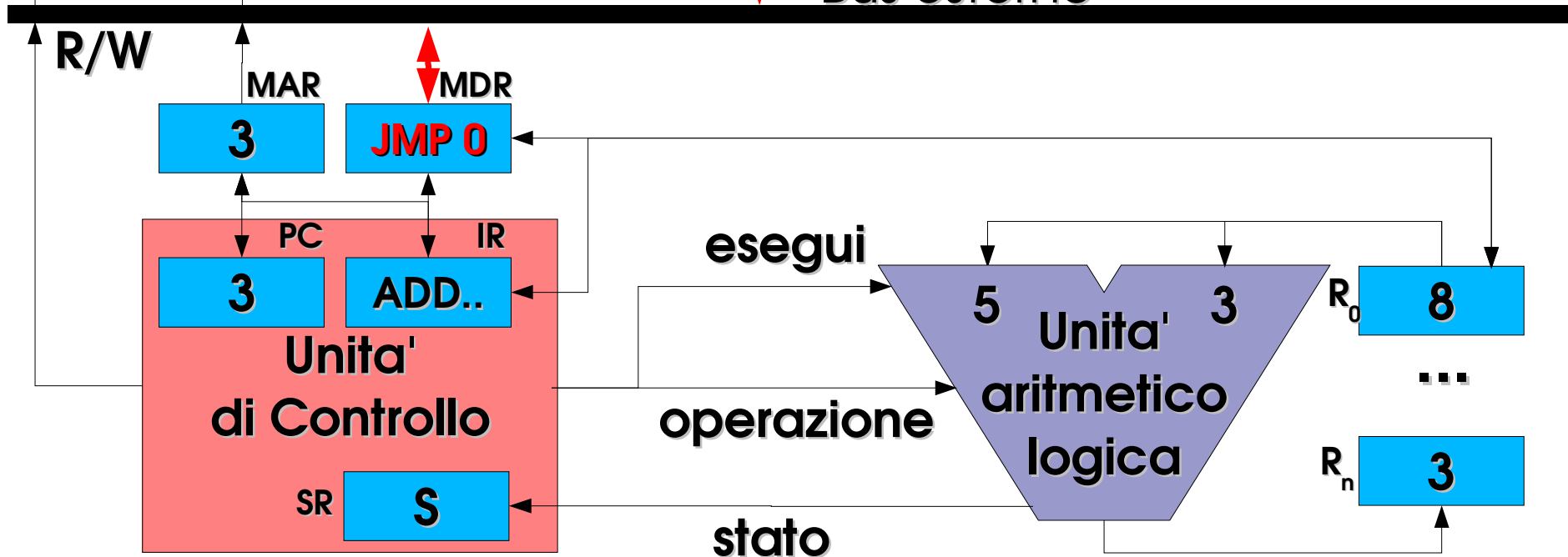


Ciclo di Fetch & Execute

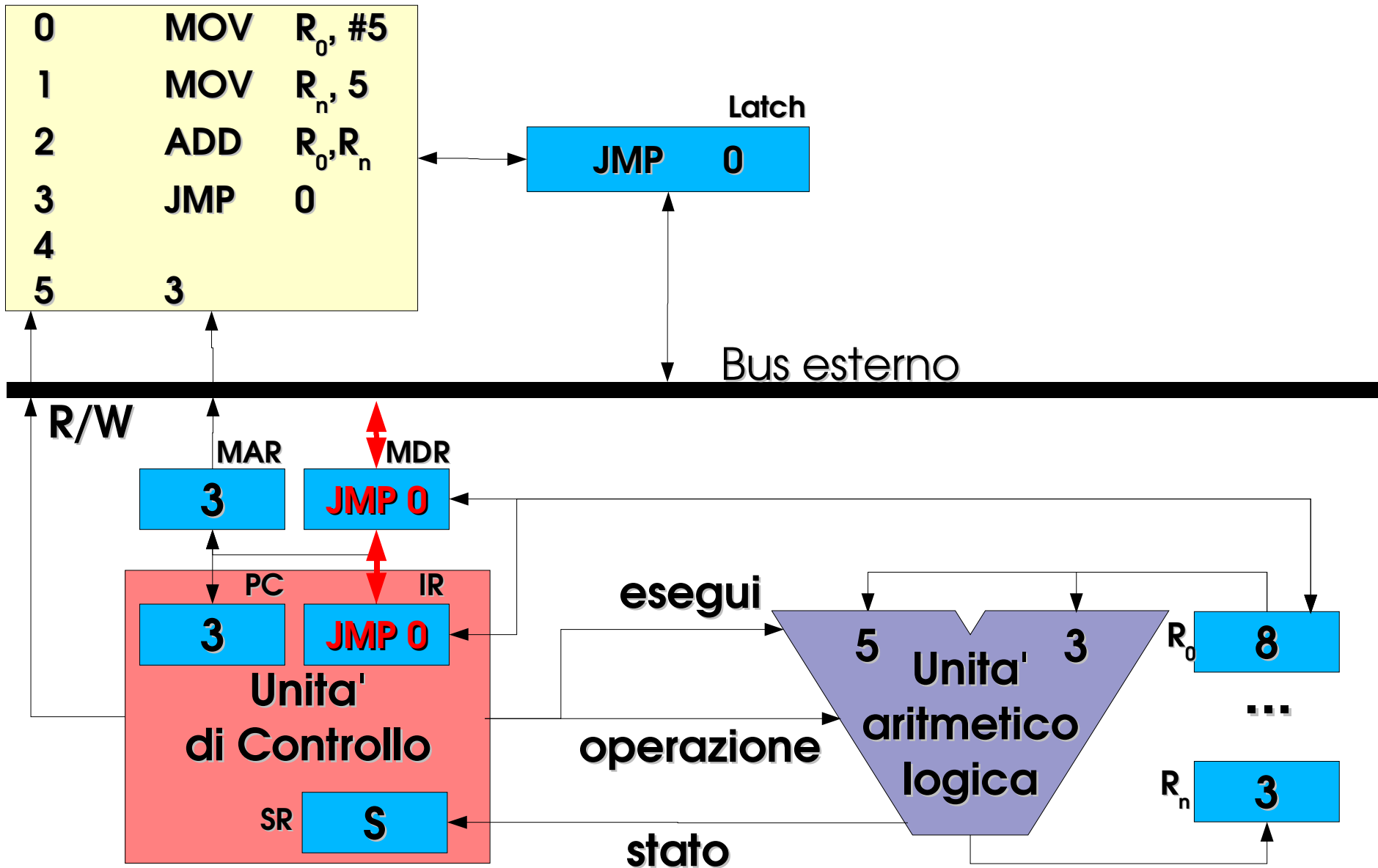
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1	MOV	R _n , 5
2	ADD	R ₀ , R _n
3	JMP	0
4		
5		3



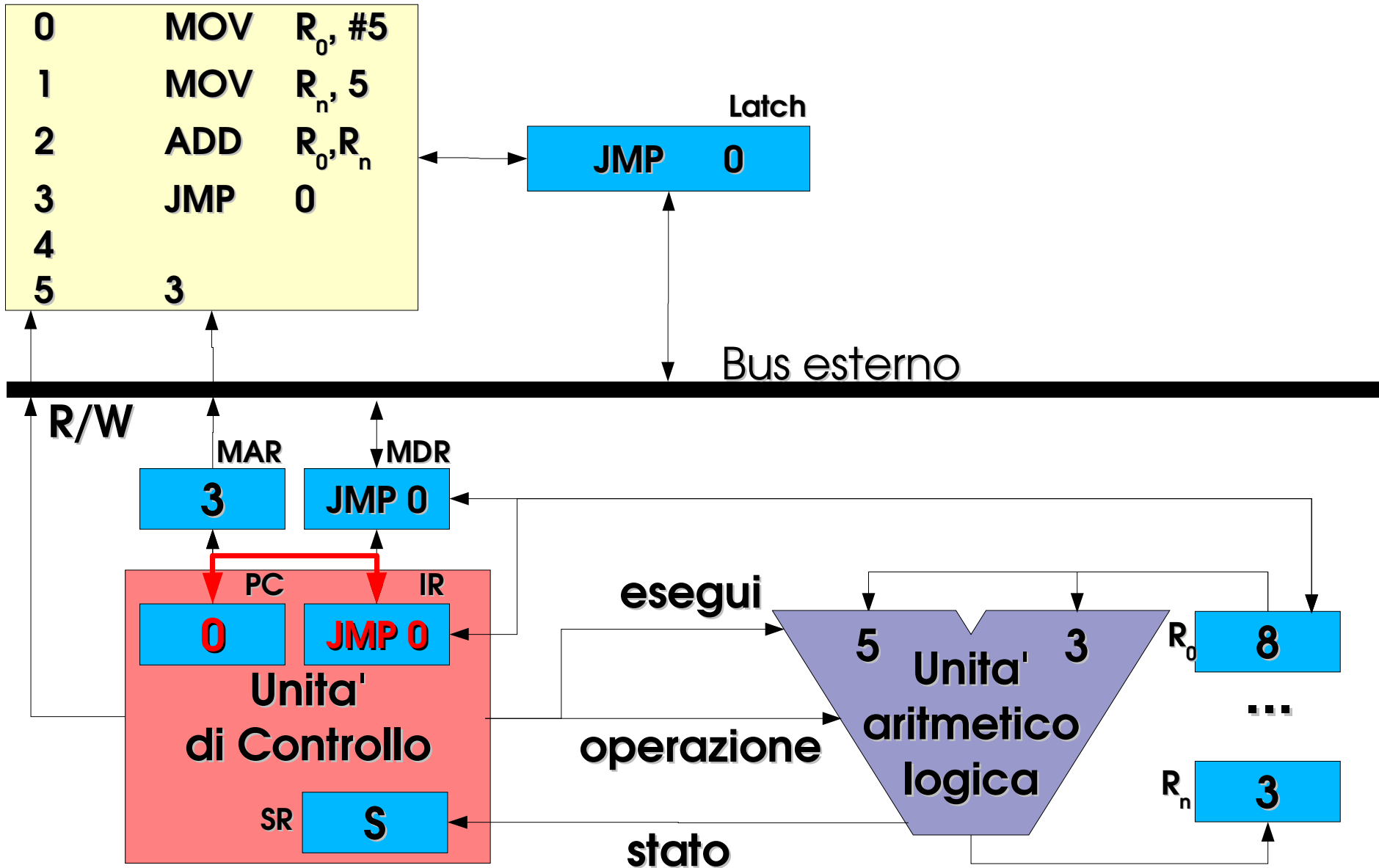
Bus esterno



Ciclo di Fetch & Execute



Ciclo di Fetch & Execute



Ciclo di Fetch & Execute

