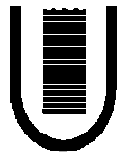


Virtual CPU - Eniac



Università degli Studi di Roma “Tor Vergata”

Dr.ssa Veronica Marchetti

Ulteriori esempi...

Cosa accade a fronte della esecuzione delle diverse operazioni:

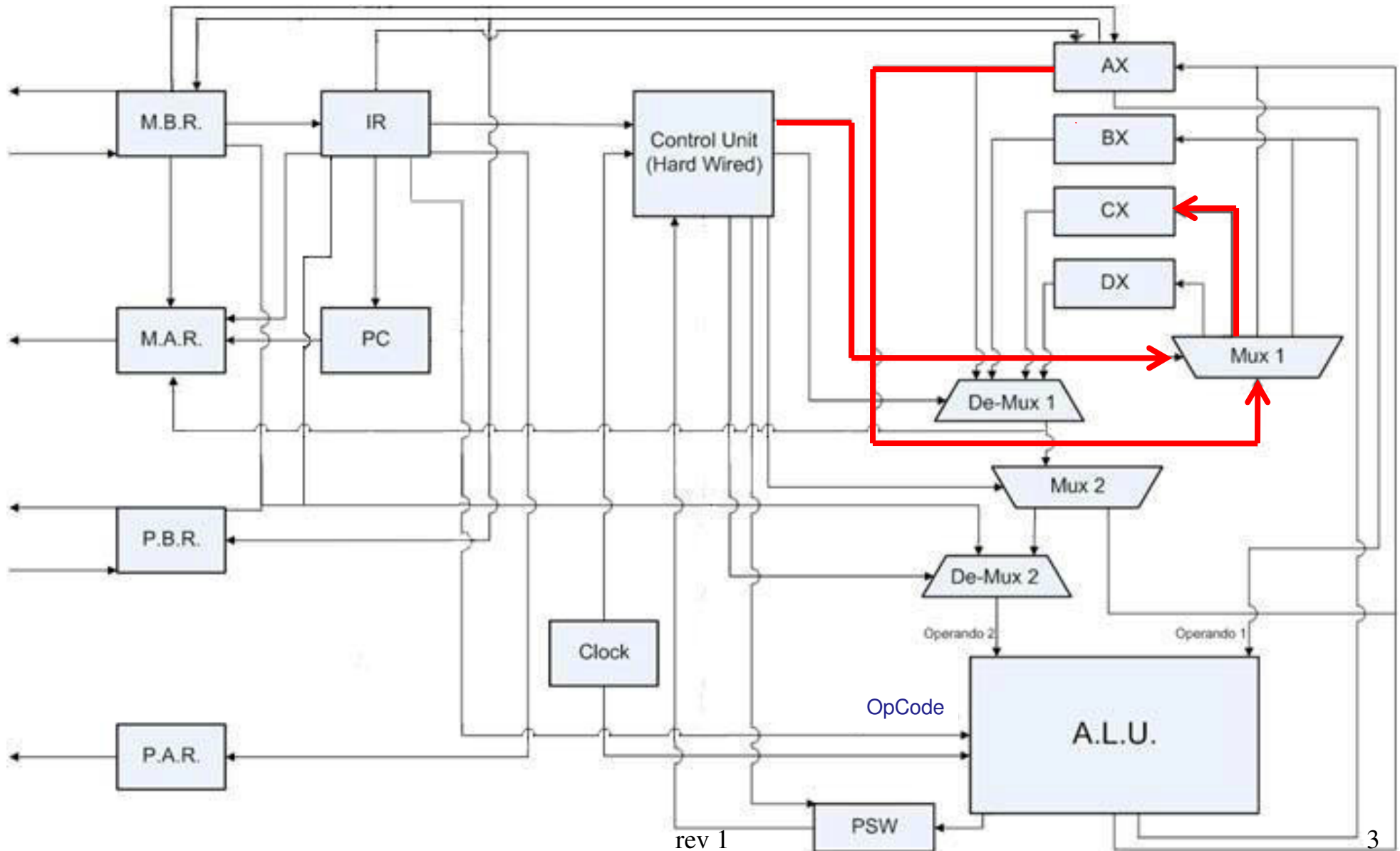
all'interno di vCPU

- Memorizzazione
- Sottrazione
- Salto condizionato e non

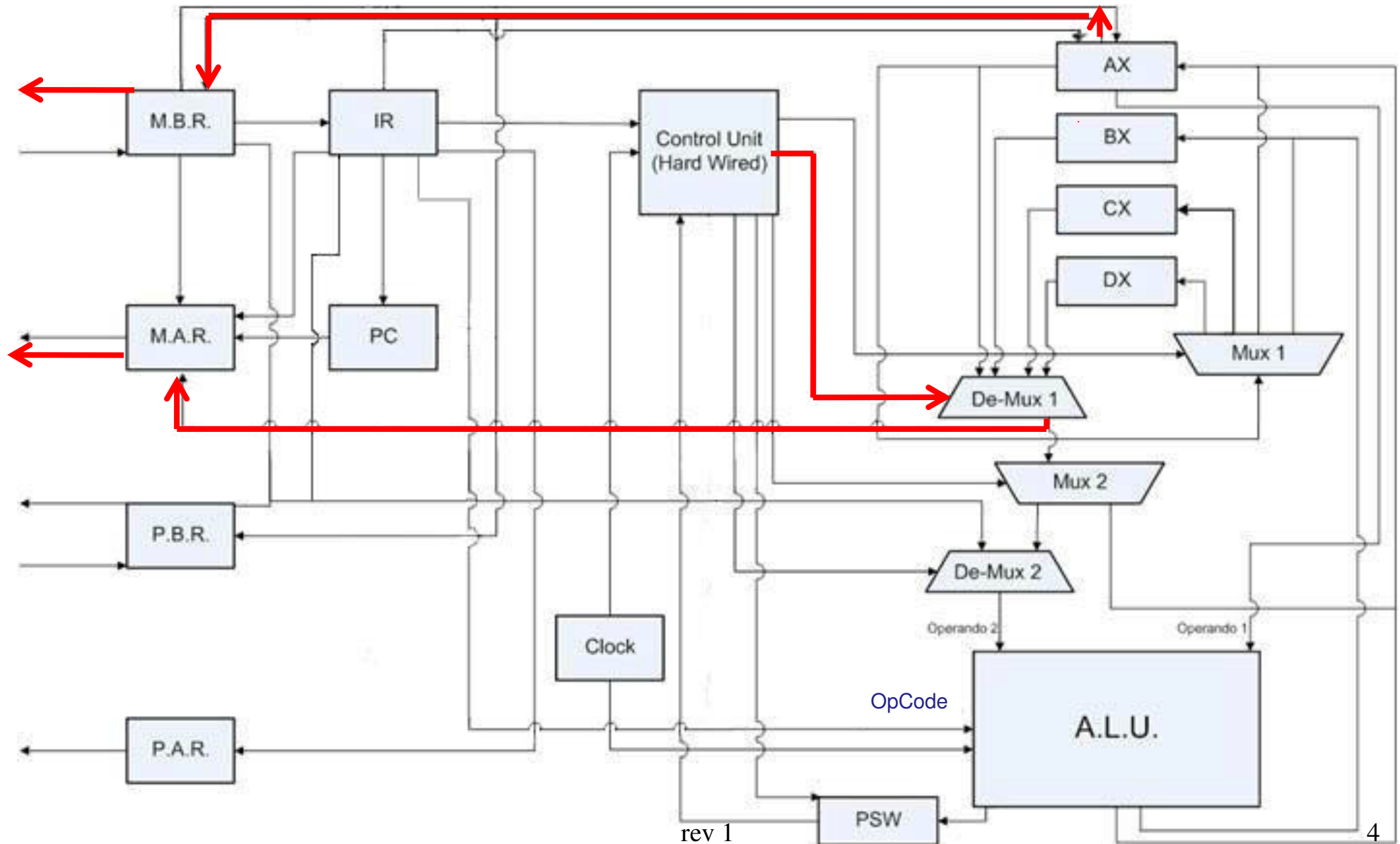
all'interno della ALU

- Incremento e decremento
- Negazione logica

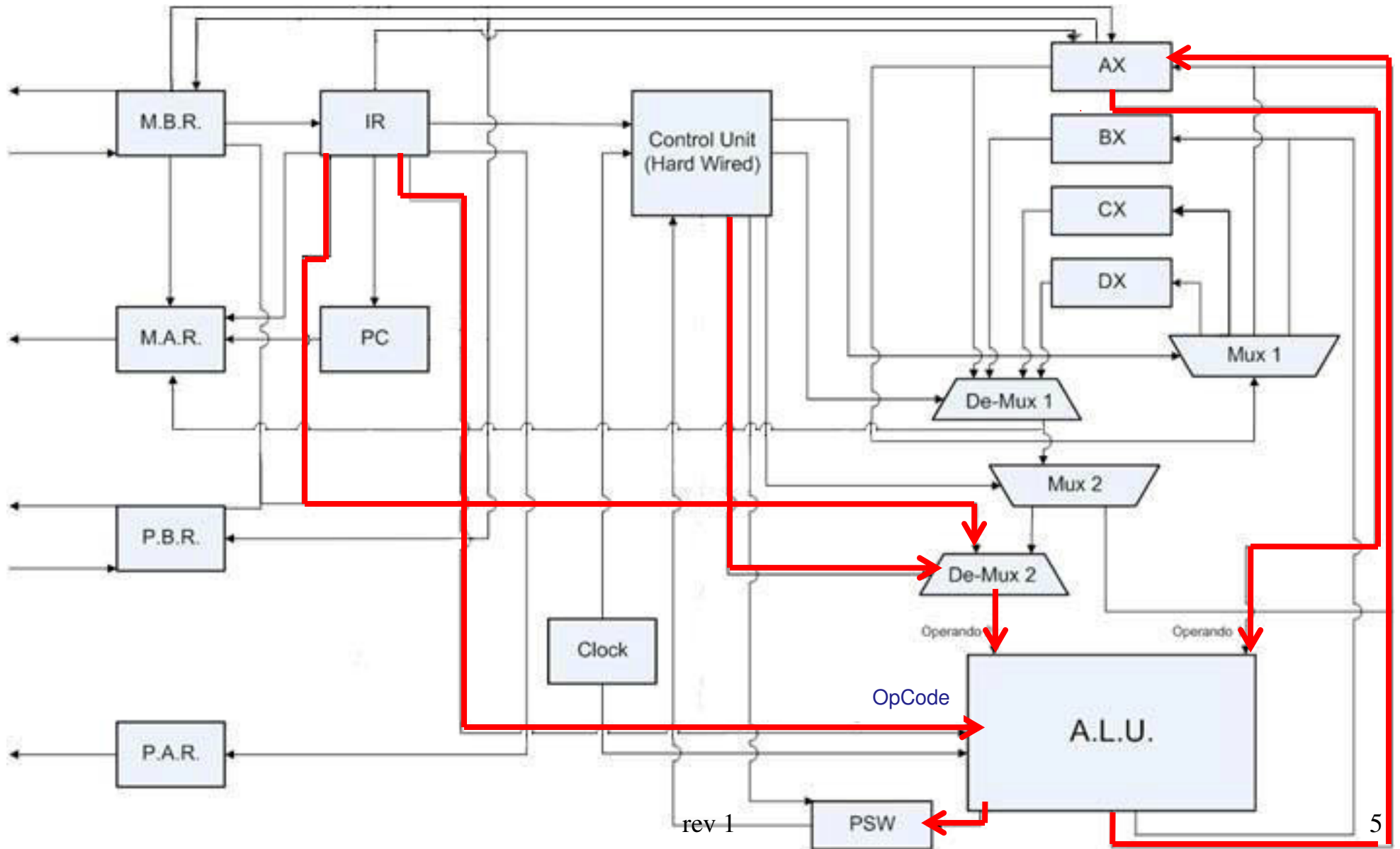
STORE CX



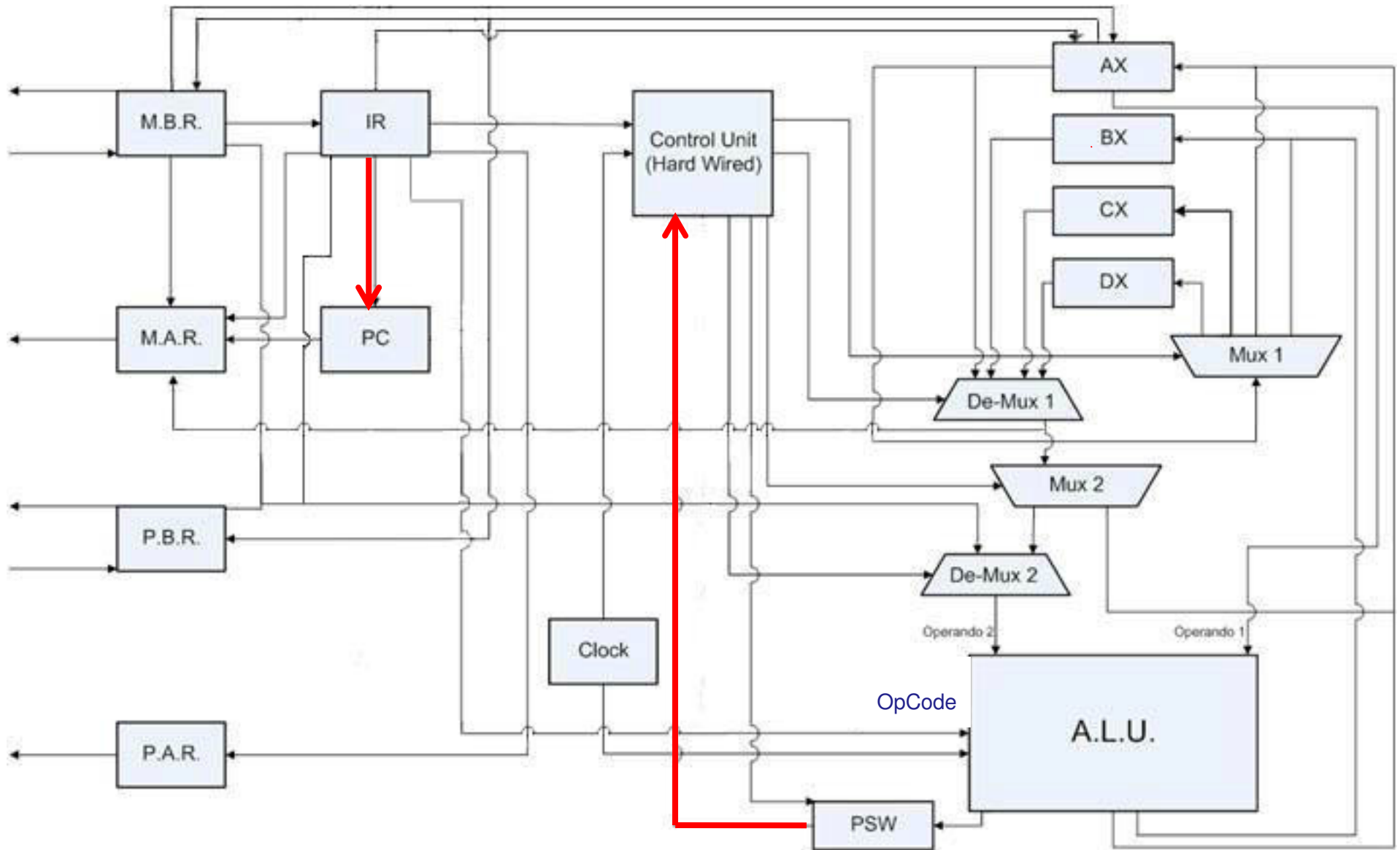
STORE @CX



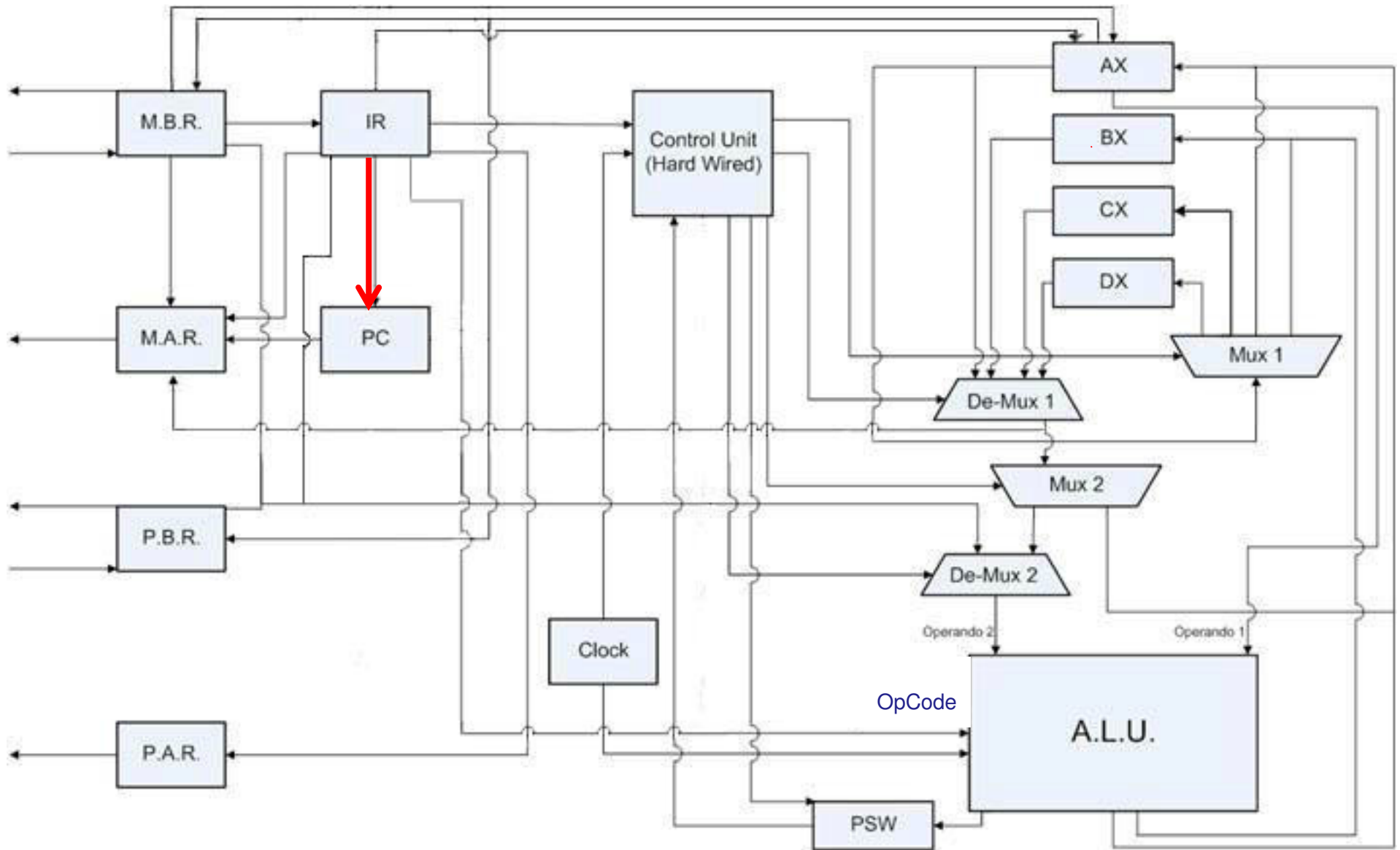
SUB 0



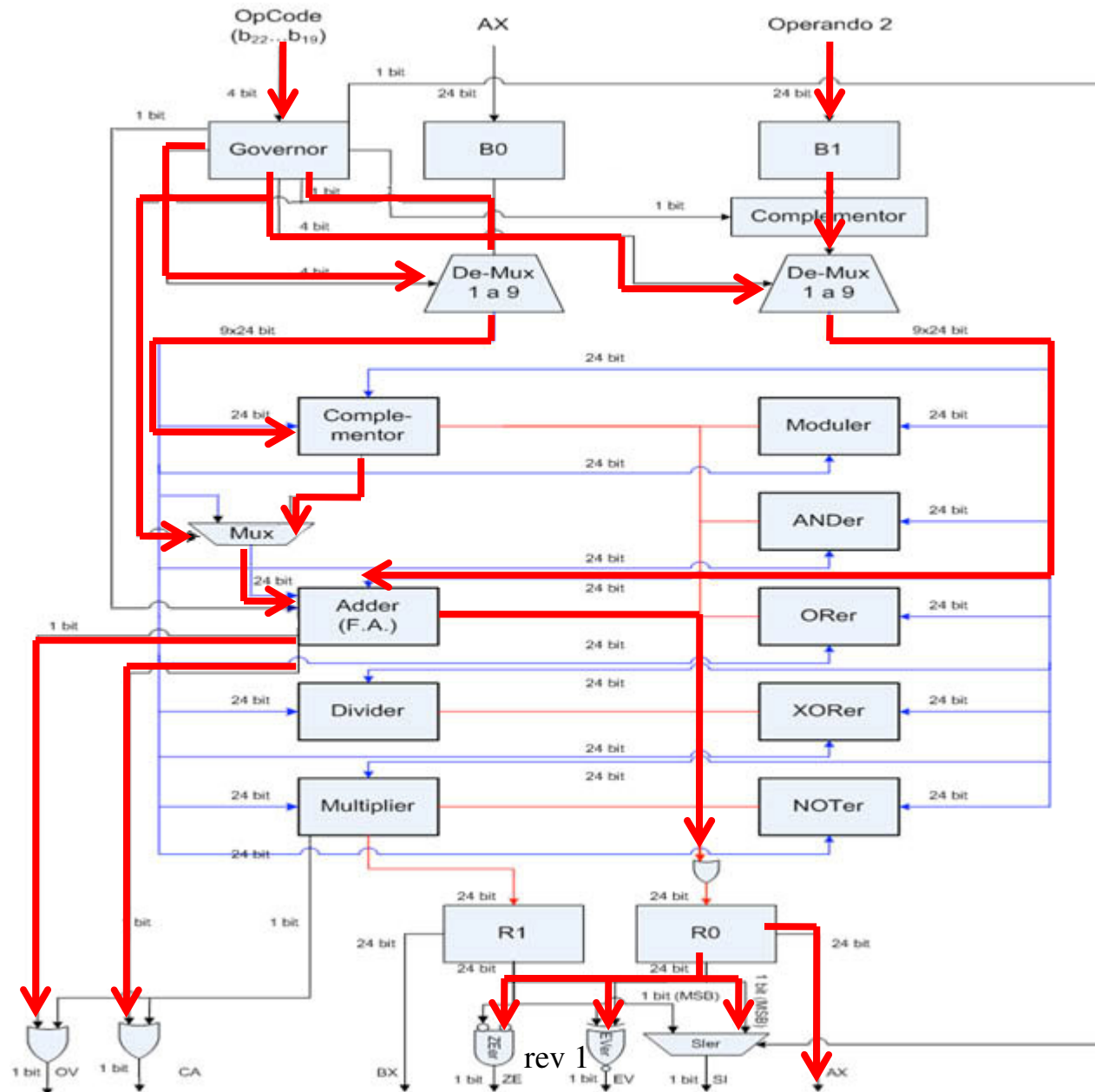
JZ 21



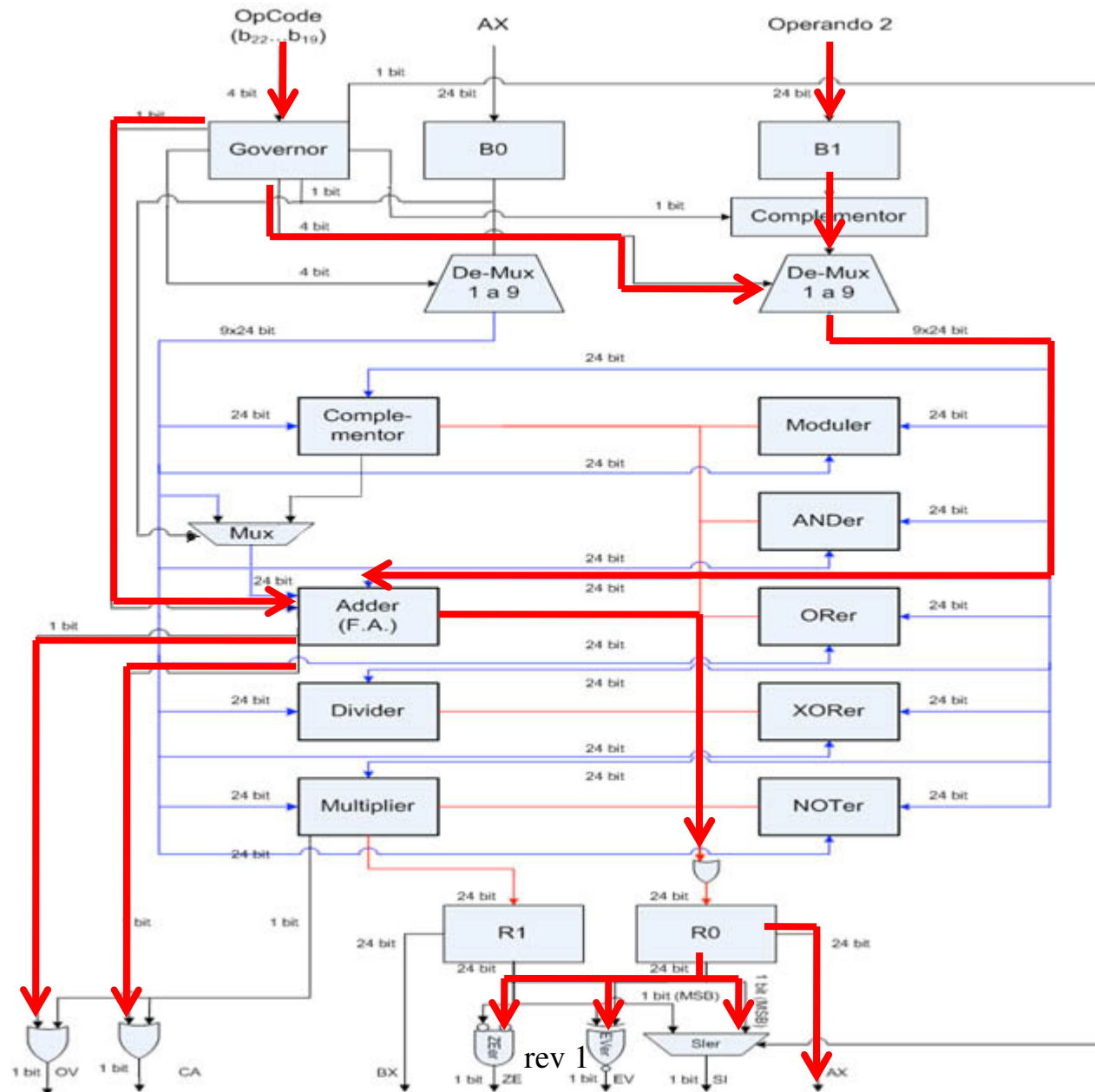
JMP 11



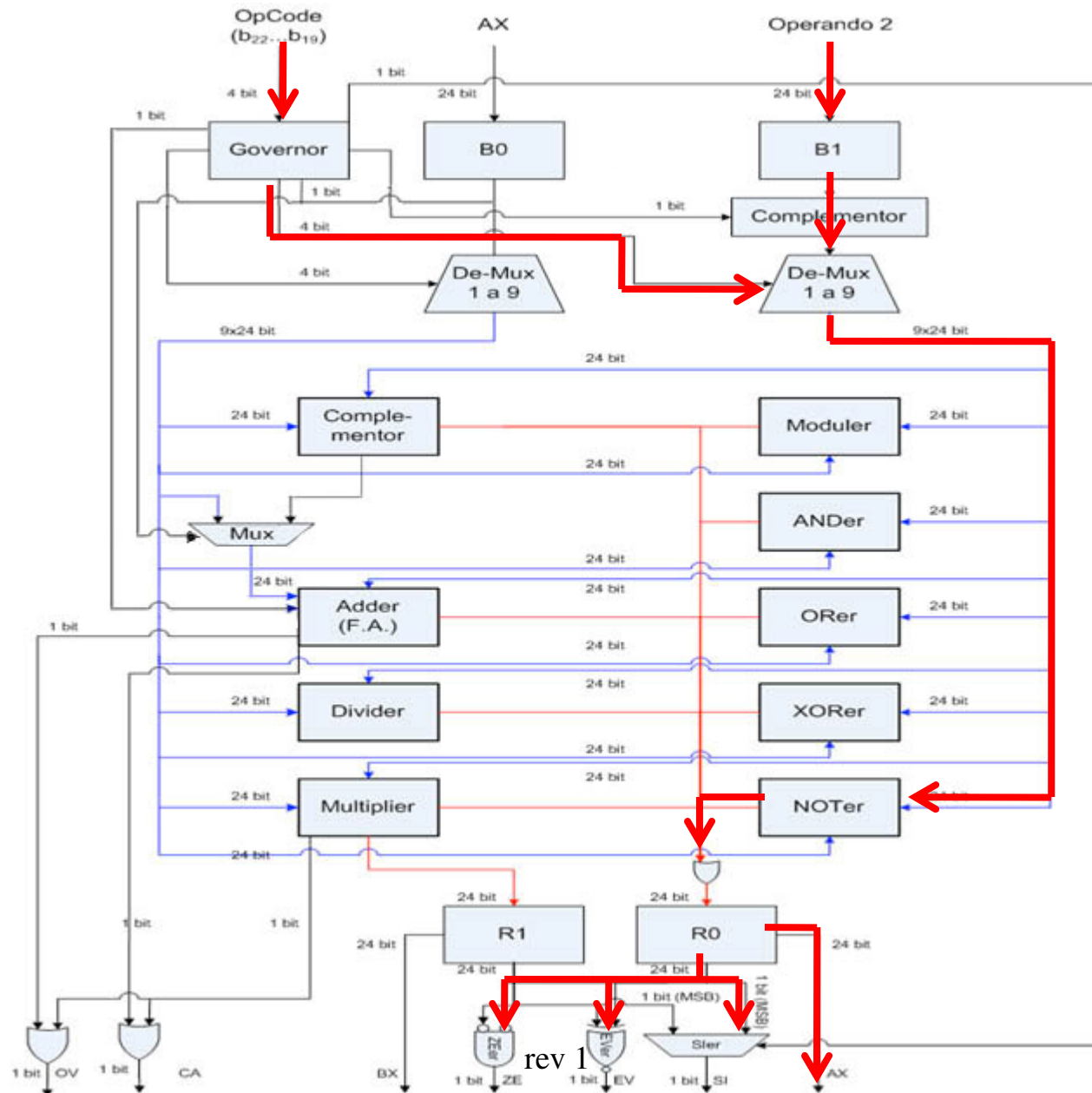
‘DEC X’ : Cosa accade all’interno dell’ ALU



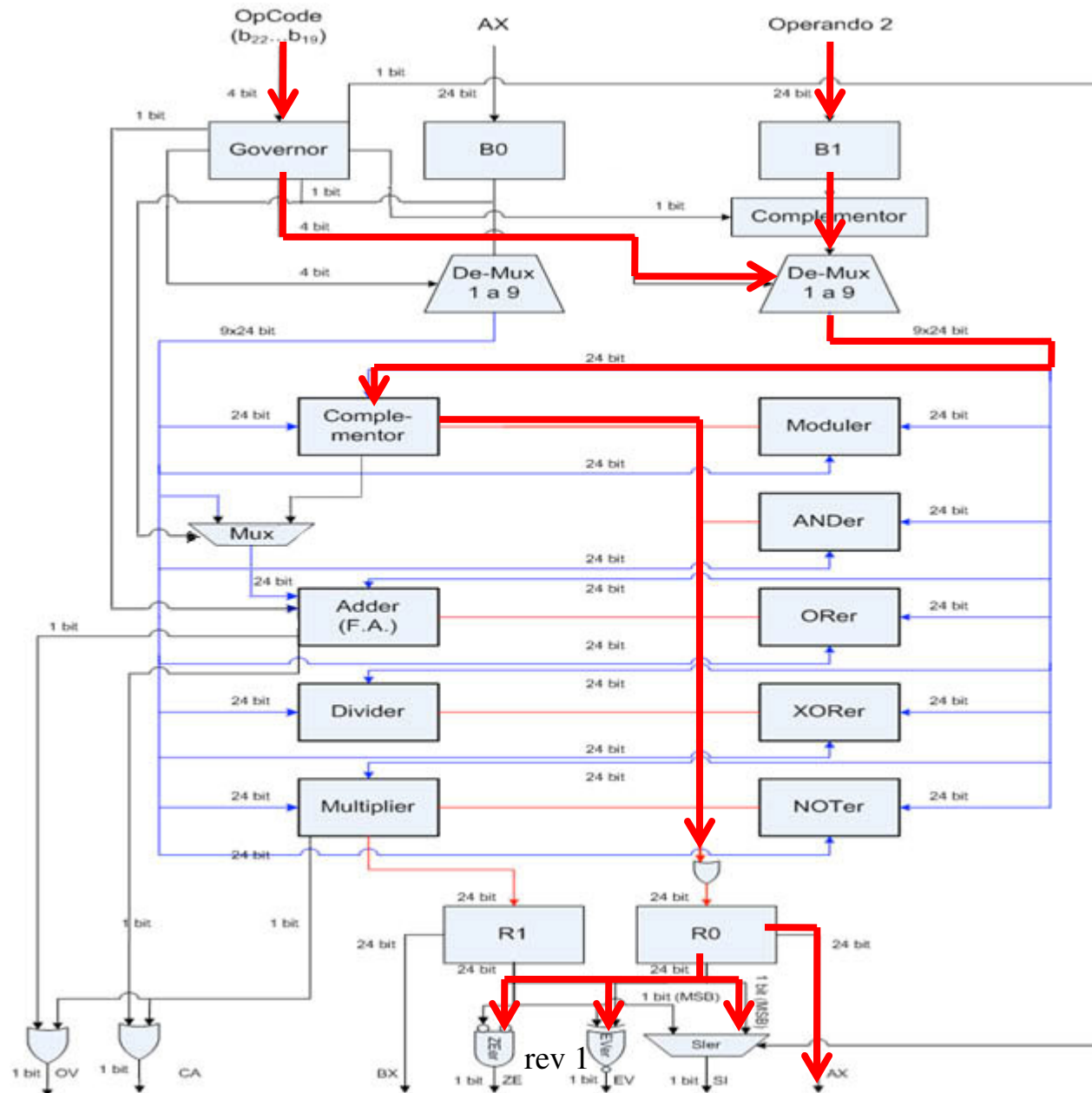
‘INC X’ : Cosa accade all’interno dell’ ALU



‘NOT X’ : Cosa accade all’interno dell’ ALU



‘NEG X’ : Cosa accade all’interno dell’ ALU



Eniac

- Emulatore di una CPU virtuale progettata e realizzata dal Dott. Mauro Codella e Dott. Dario Dussoni nell'ambito delle loro Tesi di Laurea con il Prof. Enrico Nardelli.
- Attualmente il software è reperibile alla seguente URL :
<http://sourceforge.net/projects/eniac/>