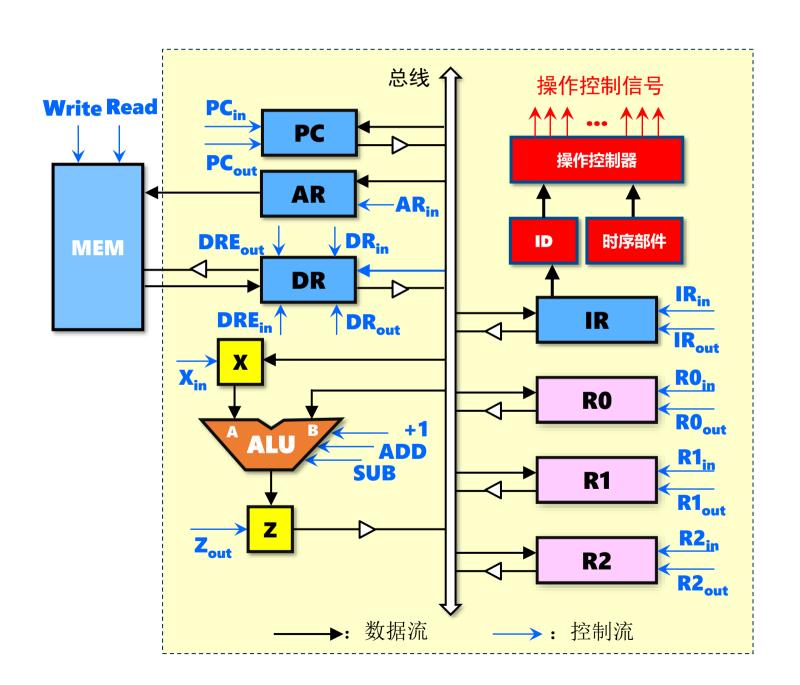


- 1 单总线结构CPU
 - 1. LOAD R0,6#
 - 2. MOVE R1,10
 - 3. ADD R0,R1
 - 4. STORE R0,(R2)
 - 5. JMP 1000



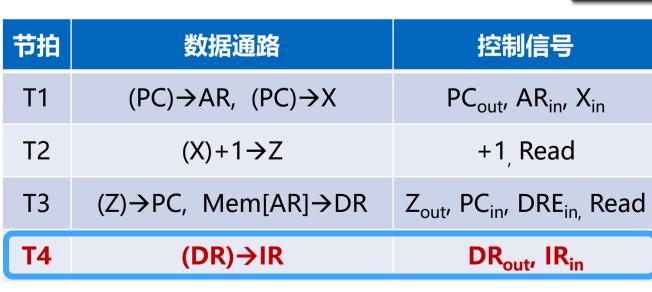
1

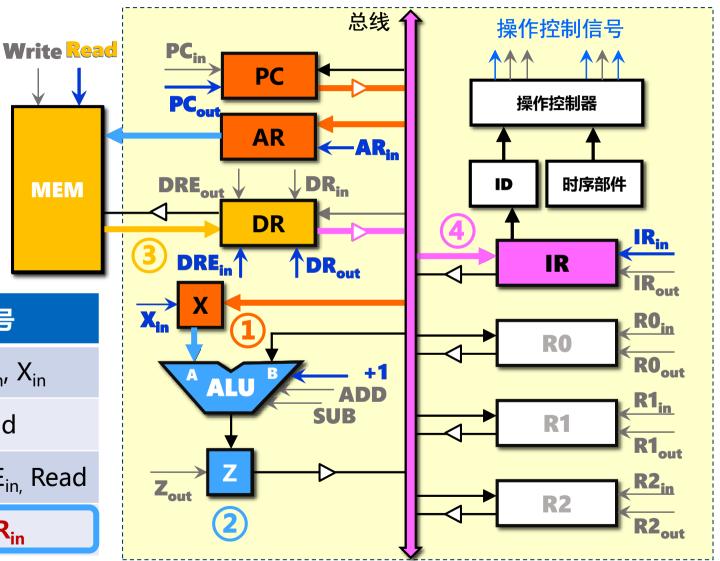
单总线结构CPU

#	指令	指令功能
1	LOAD R0,6#	Mem[6] → R0
2	MOVE R1,10	10 → R1
3	ADD RO,R1	(R0) + (R1) → R0
4	STORE RO,(R2)	(R0) → Mem[(R2)]
5	JMP 1000	1000 → PC

1 取指令数据通路

 $Mem[PC++] \rightarrow IR$



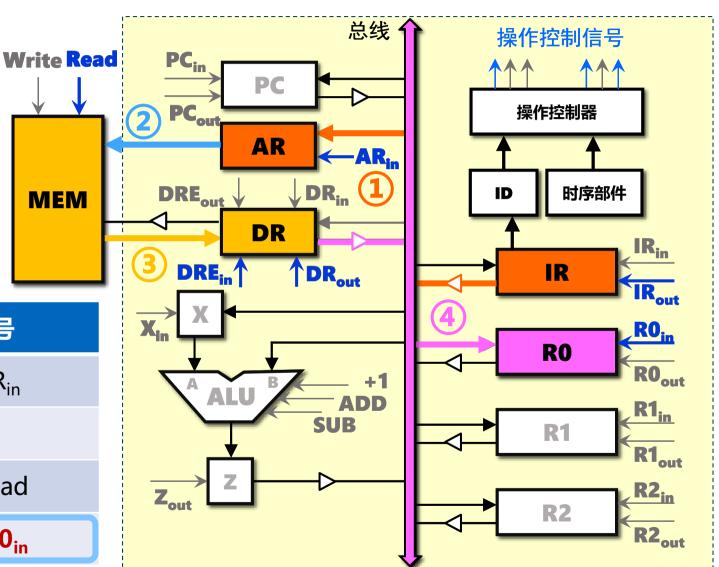


2 LOAD指令执行数据通路

LOAD R0,6#

 $Mem[IR_A] \rightarrow Reg$

节拍	数据通路	控制信号
T1	$(IR_A) \rightarrow AR, (PC) \rightarrow X$	IR _{out} , AR _{in}
T2		Read
T3	Mem[AR]→DR	DRE _{in} ,Read
T4	(DR)→R0	DR _{out} , R0 _{in}



6.6 单总线结构CPU数据通路 (一)



谢谢!