



ALU

Adder

Max-Delta

→ Reg

Sign

Increment

PC

PC + 01  
~

~~PC~~

Add

III  $\rightarrow$  MEM(A)

MEM(A)  $\rightarrow$  IR

S1

III  $\rightarrow$  ALU - A

+1  $\rightarrow$  ALU - B

ALU - C  $\rightarrow$  PC

S2



$IR_{6-8} \rightarrow A1_{RF}$

$IR_{8-11} \rightarrow A2_{RF}$

$D1 \rightarrow E1$

$D2 \rightarrow E2, T, S_2$

$I_{\alpha} \rightarrow \neg P E_n$



On call

by

R

0000

0001

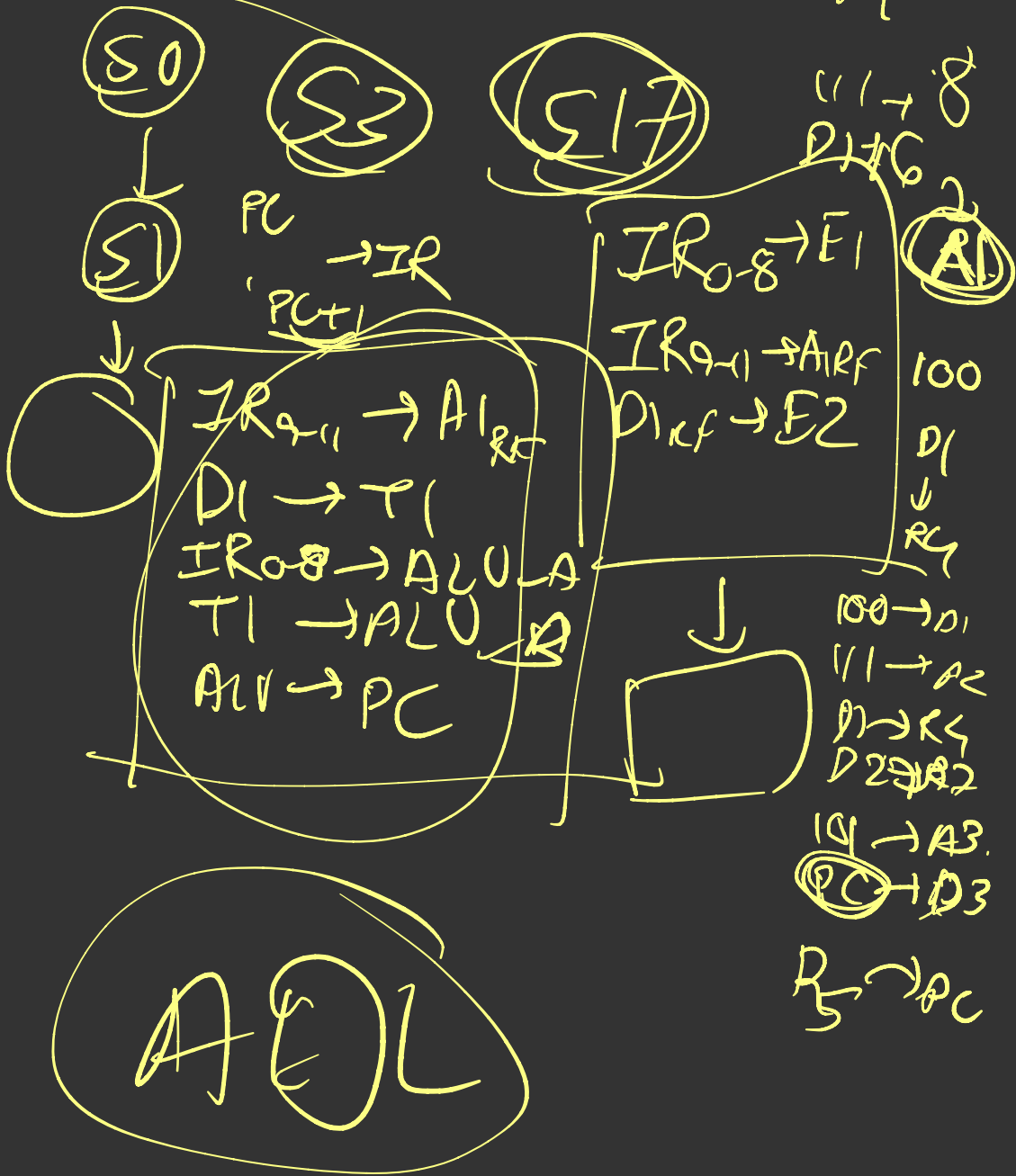
JLR 1010

JRI 1011

APC

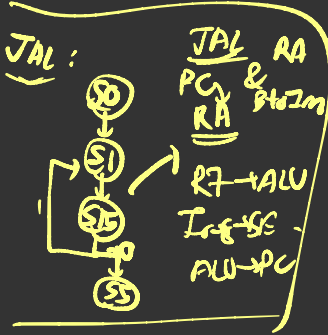
JRI

B  $\rightarrow$  m by RA  
+Imm



# JLR:

111 2x8



S0

↓

S1

↓

S16

↓

S3

$D[RF] \rightarrow PC$

$I_{9-11} \rightarrow A3_{RF}$

$PC \rightarrow R3_{RC}$

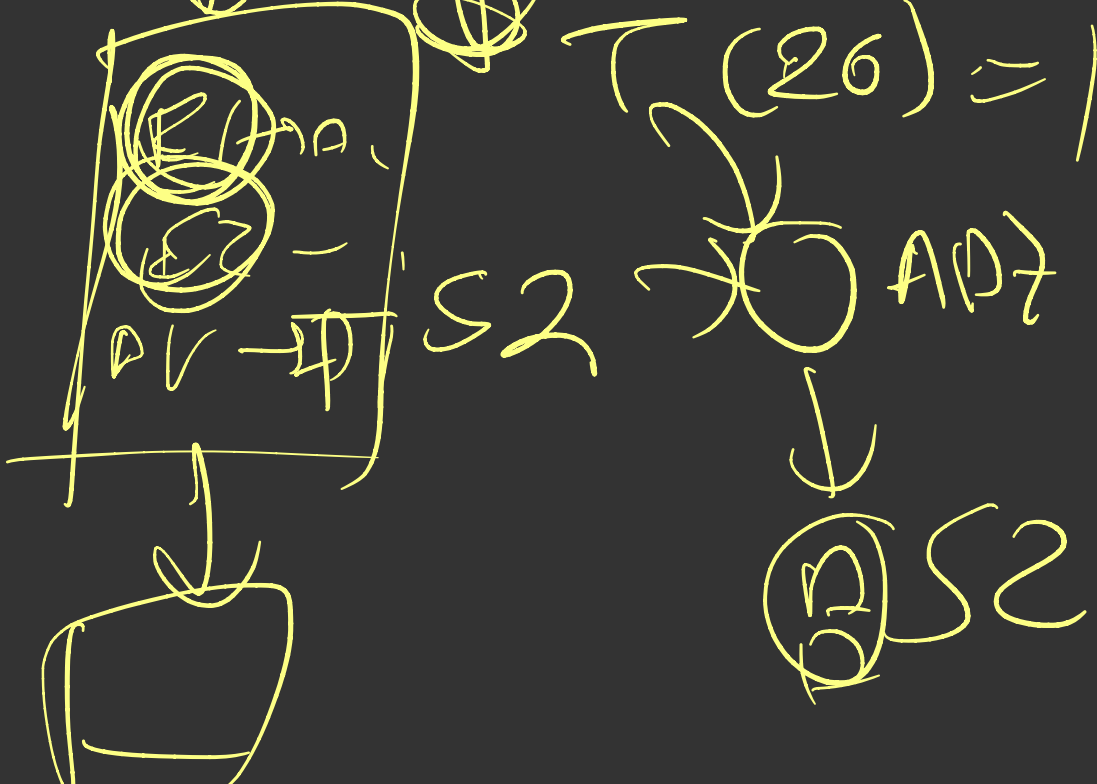
4	3	11	9	8	0
16	12				
00		RA	Imm		

ADL

113 → Shift

15 Shift can

$T(26) = 1$





!! Change

S20