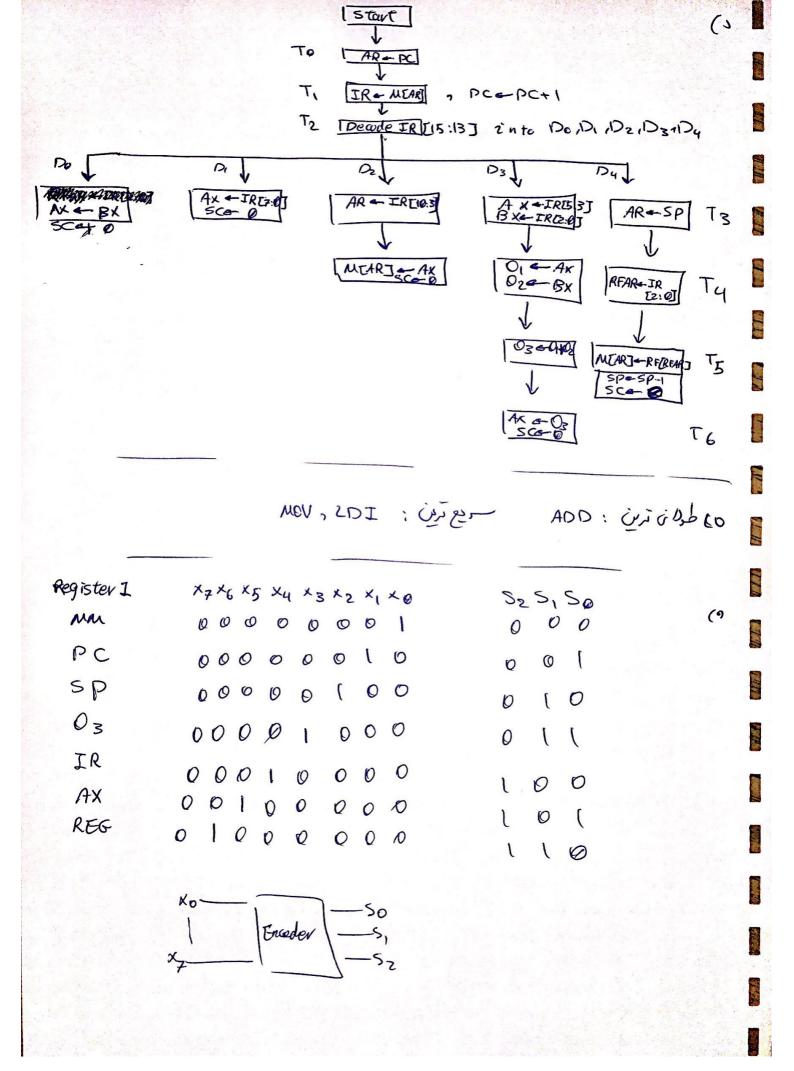


```
Ins Fetch
                                               (2
To : AR & PC
 TI: IR & MEMEAR ] , PC & PC+1
Decode
T2: Decod IR [15813] into Do, Di, De, D) 2027
mov
 T3. DO: AX&BX, SCO
ADDI. D. : AX = IR [7:0] , SC = 0
STO
 T3. D2: AGAR3 - IR [10:3]
 Ty. D2: AX 25CE-0
ADD
  T3. Dy; Ax - IR [5:37, BX - IR[2:0]
  TH. D. O1 a AX, 020 BX TEAX = O3, 5Ca 80
   F. Bz : 03001602
```



 $X_0 = T_1 + T_4 \cdot D_2 + T_5 \cdot D_4$ $X_1 = T_0$, $X_2 = T_5 \cdot D_4$, $X_3 = T_5 \cdot D_3 + T_6 \cdot D_3$ $X_4 = T_4 + T_2 + T_3 \cdot 2D_6 + D_6 \cdot D_1 + T_3 \cdot D_2 + T_3 \cdot D_3 + T_4 \cdot D_4$ $X_5 = T_3 \cdot D_0 + T_5 \cdot D_1 + T_3 \cdot D_3 + T_4 \cdot D_2 + T_4 \cdot D_3 + T_6 \cdot D_3$ $X_6 = T_9 \cdot D_0 + T_3 \cdot D_3 + T_4 \cdot D_4 + T_5 \cdot D_5$