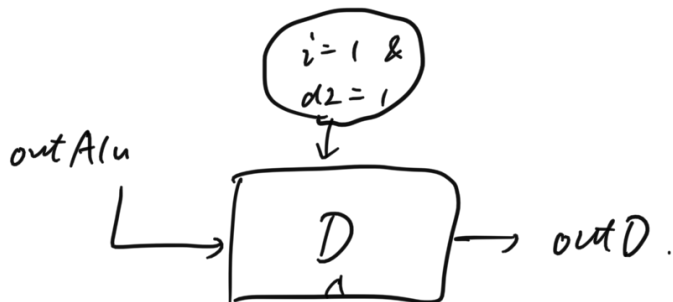
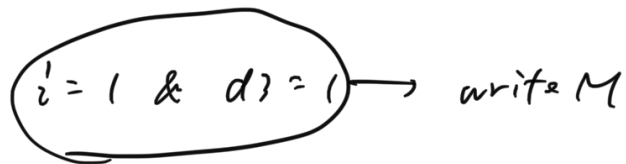


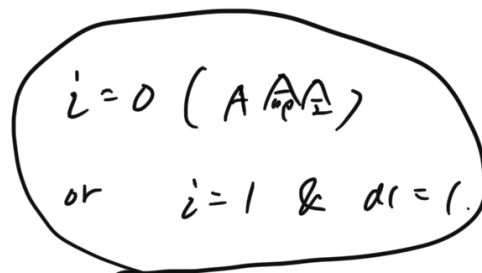
$d1 : A$

$d2 : D$

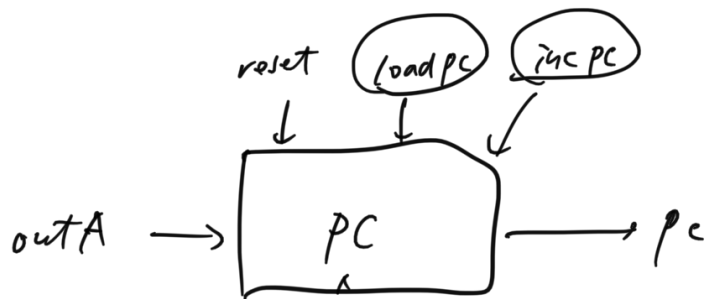
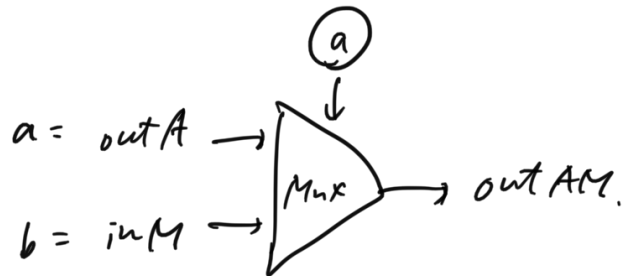
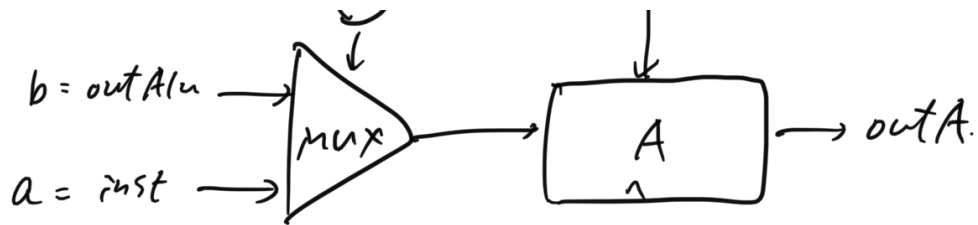
$d3 : M$



$A \text{ is } \neq Z \geq 2 :$



(i)



$$\text{loadPC} = i = 1 \ \&$$

$$\left\{ (j1 \ \& \ ng) \right.$$

$$\text{or } (j2 \ \& \ zr)$$

$$\left. \text{or } (j3 \ \& \ (!ng \ \& \ !zr)) \right\}$$

$$\text{incPC} = ! \text{loadPC}$$