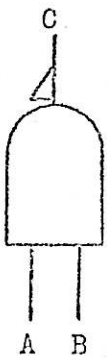


A	B
1	0
0	1



INVERTERS

NAND

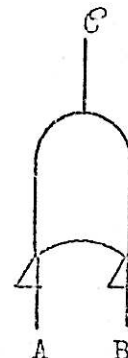


A	B	C
0	0	1
0	1	1
1	0	1
1	1	0

$AB = \bar{C}$

NOR

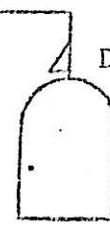
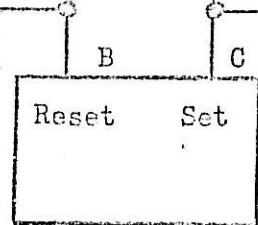
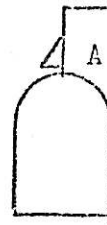
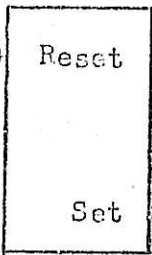
A	B	C
0	0	1
0	1	1
1	0	1
1	1	0



$\bar{A} + \bar{B} = C$

Set input 0 Volts

Clear Input 0 Volts



$\bar{A} = \bar{B}C$

Clear Input 0 Volts $\bar{D} = \bar{B}C$

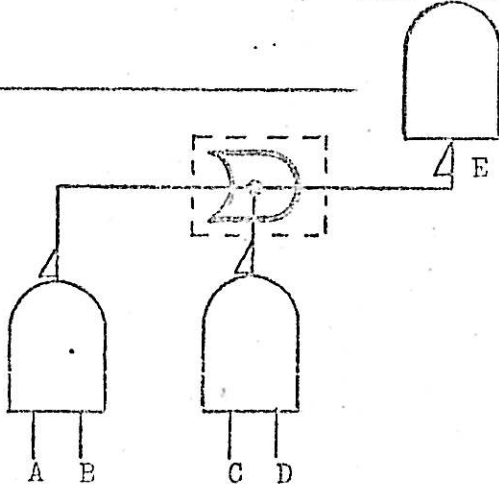
FLIP-FLOPS

Clear Input Two 3V signals

$AB = C\bar{F}$

Set Input Two 3V signals

$DE = \bar{C}F$



$AB + CD = \bar{E}$

Figure 14 1830 C. P. Logic Symbols