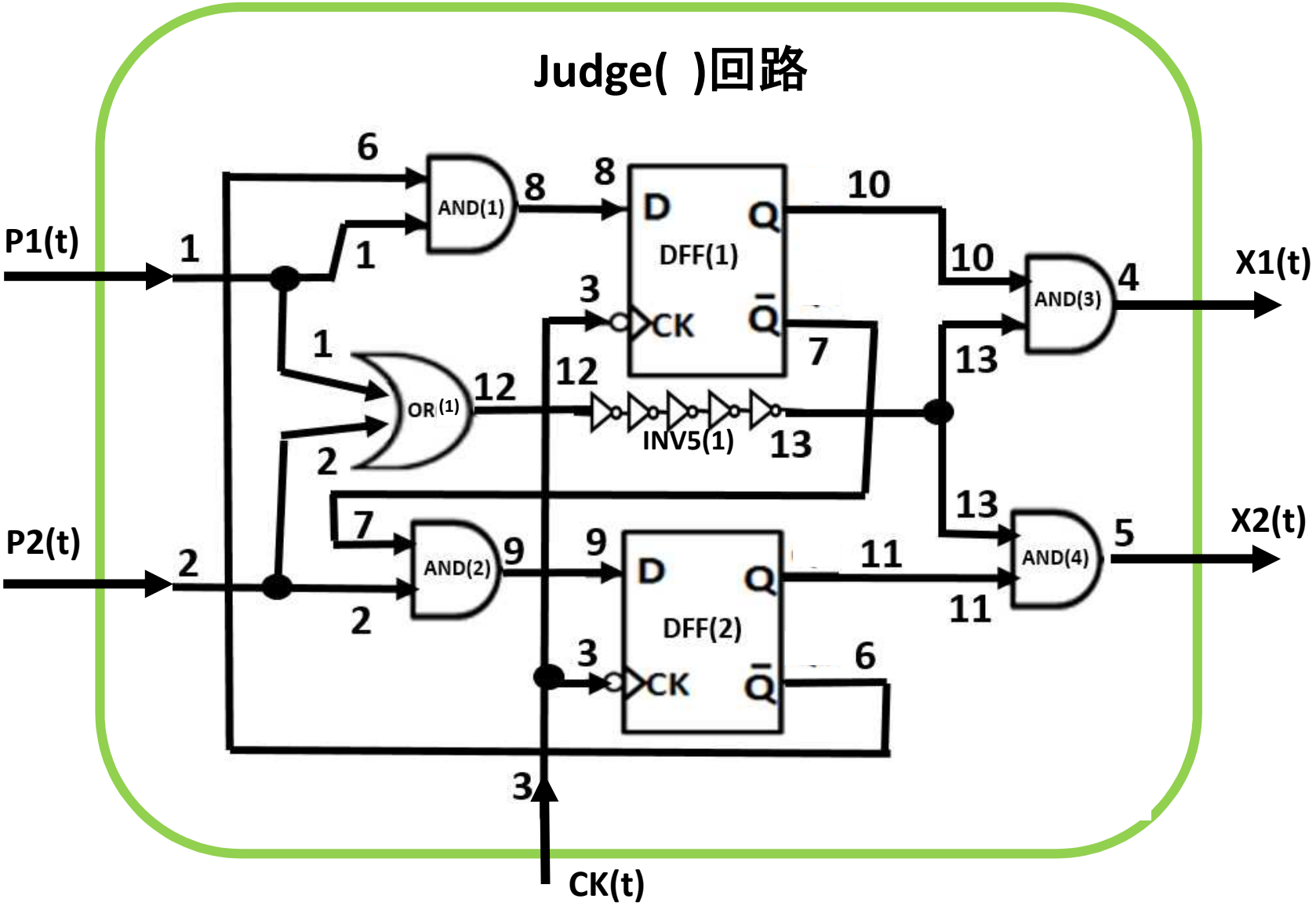
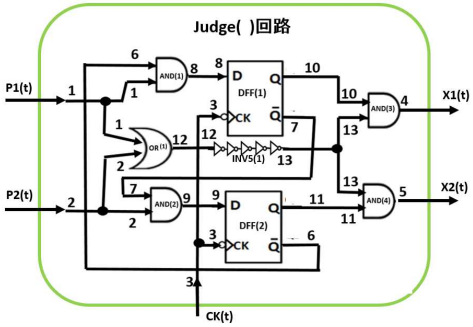
入退室判定回路 Judge( ) の動作説明



DCDL Codeでの関数番号



DFF(1) 回路の内部回路の構成

DFF(1)

INV(1)

MSJKFF(1)

AND(5)

AND(6)

INV(2)

RSFF(1)

NAND(1)

NAND(3)

NAND(2)

NAND(4)

RSFF(2)

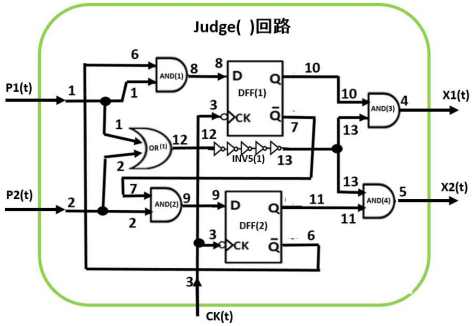
NAND(5)

NAND(7)

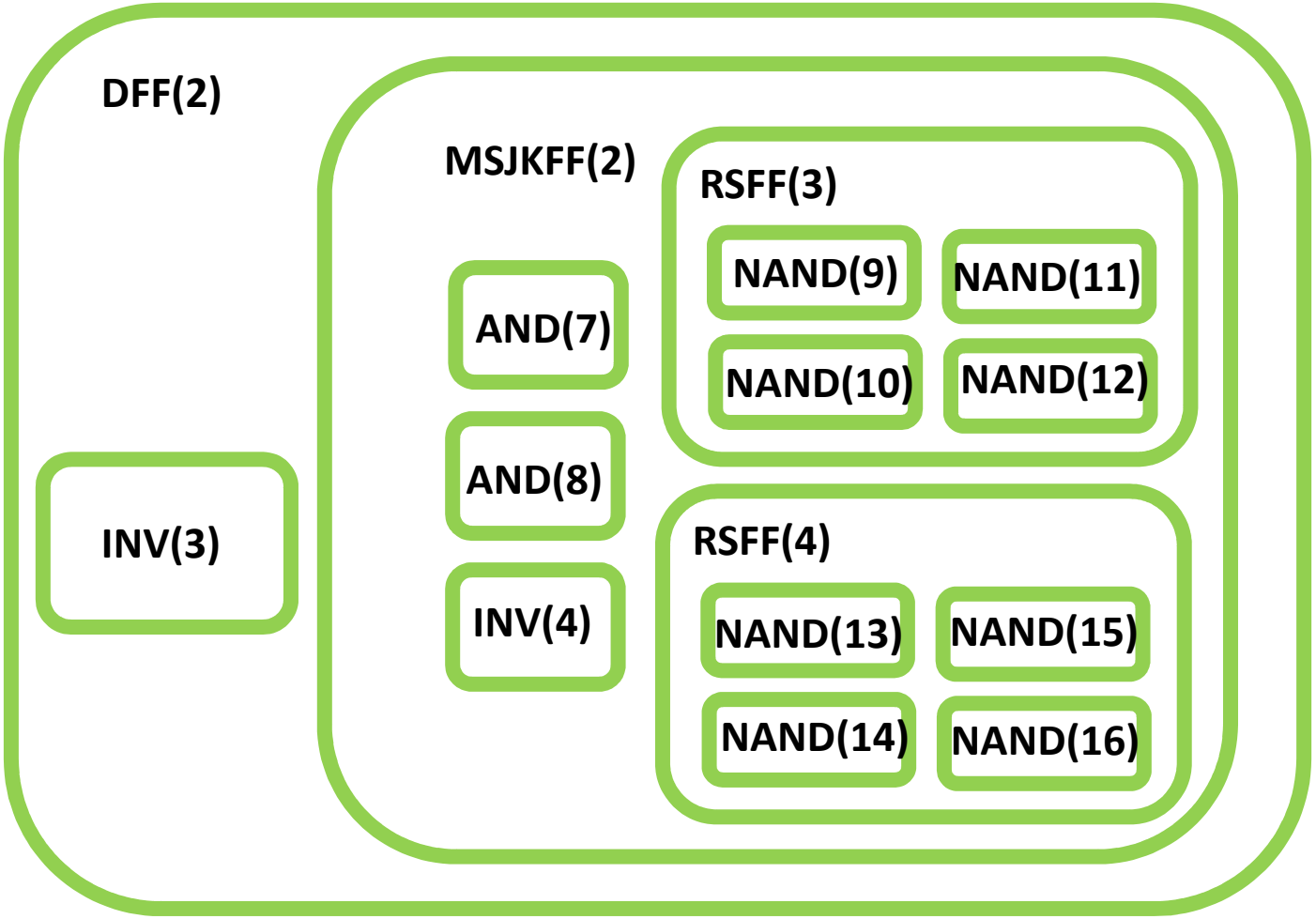
NAND(6)

NAND(8)

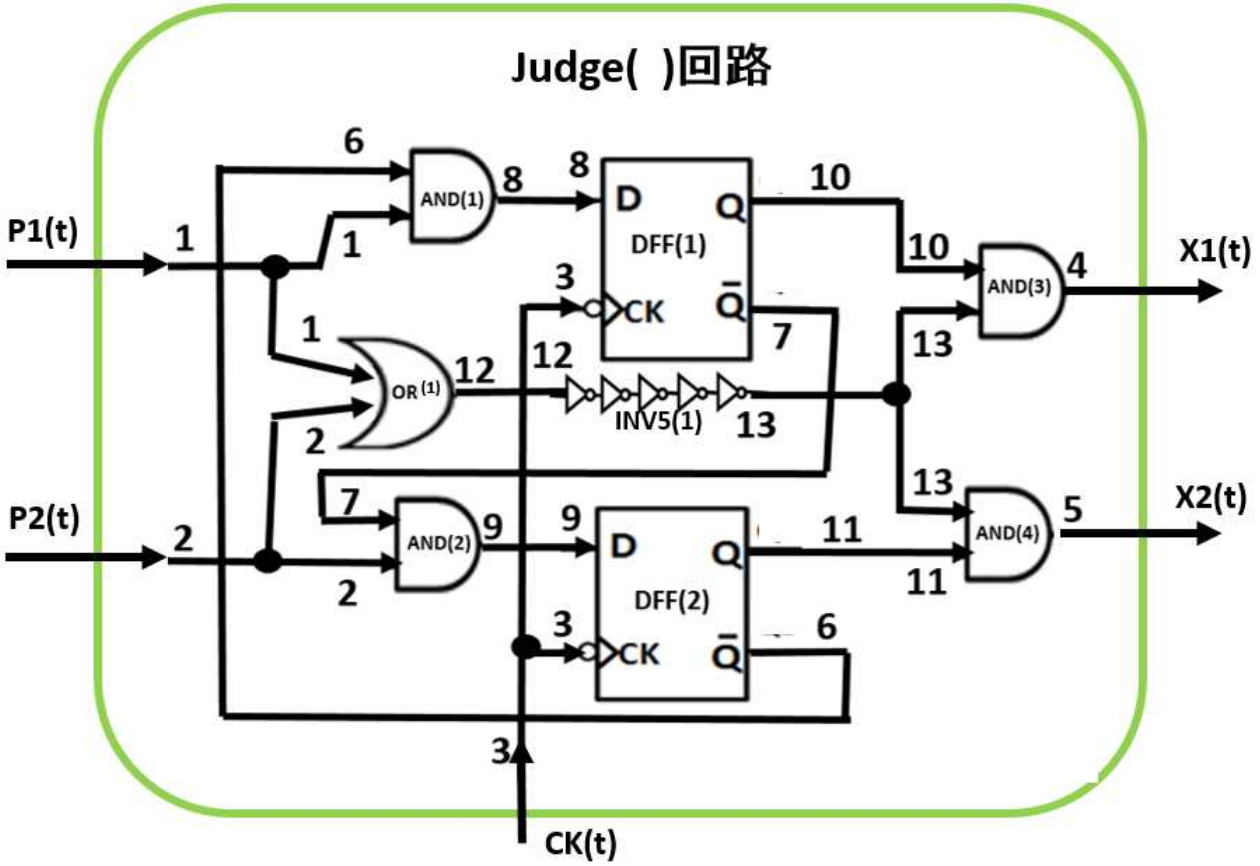
DCDL Codeでの関数番号



DFF(2) 回路の内部回路の構成



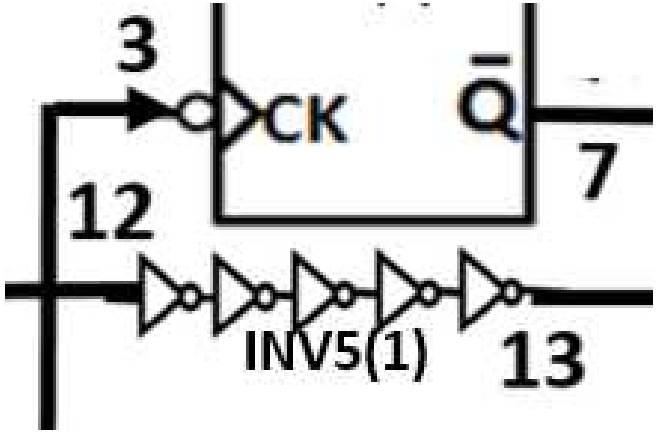
DCDL Code for Judge( ) 回路




```
define Judge( ) { input [3][1][2] ; output  [4][5];   memory [*6][*7];
                  [*6][1]AND(1)--->[8]        ;  [1][2]OR(1)--->[12]       ;
                  [*7][2]AND(2)--->[9]        ;   [12]INV5(1)--->[13]      ;
                   [3][8]DFF(1)--->[10][7]    ; [3][9]DFF(2)--->[11][6]    ;
                  [10][13]AND(3)--->[4]       ;   [13][11]AND(4)--->[5]    ;
                     [6][7]--->[*6][*7]     ; }
```

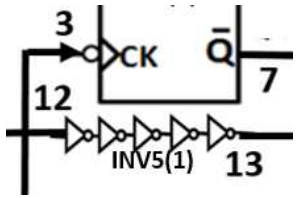
DCDL Code　for INV5(　) 回路

the number of inverters in INV5( ) = Ninv= 51　or　5



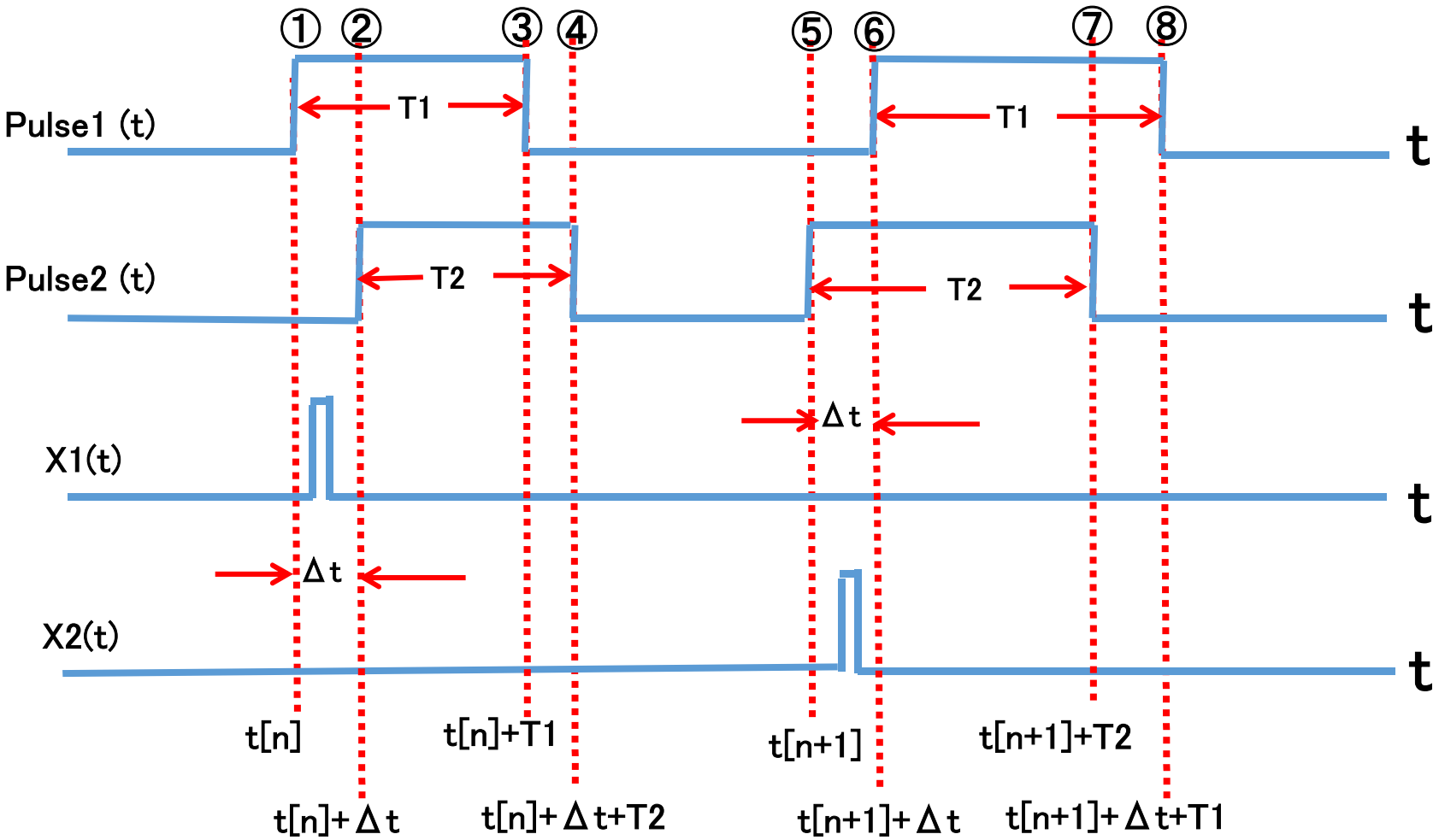

```
define INV5(1) { input A ; output B; memory BB[ ];

        B=BB[Ninv];

        for(i=Ninv to 1) BB[i]=1-BB[i-1] ;

        BB[0]=1-A; }
```

When the number of inverters in INV5( ) = Ninv= 51



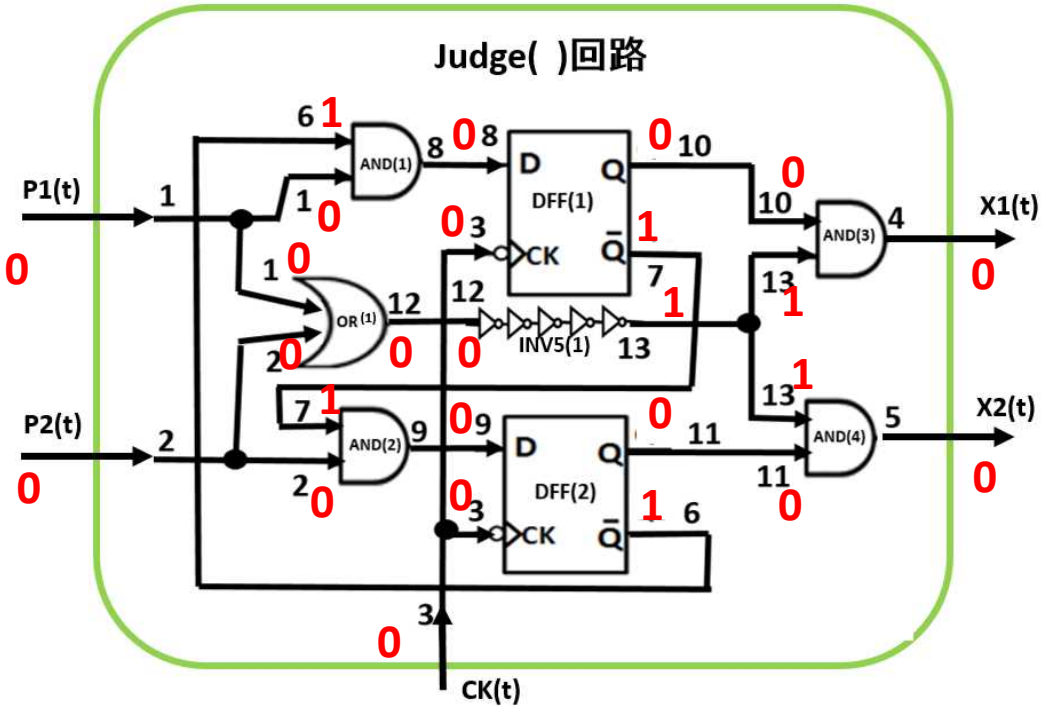
When t=①
入室を検出

When t=⑤
退室を検出



When the number of inverters in INV5( ) = Ninv= 51

t = 10000.0

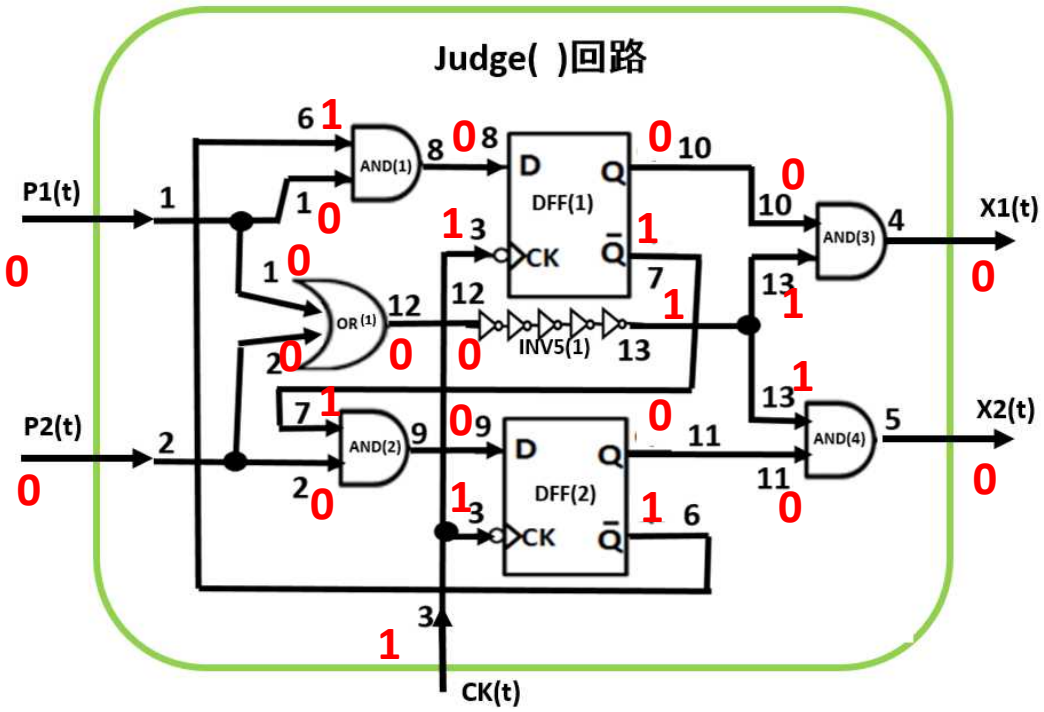


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

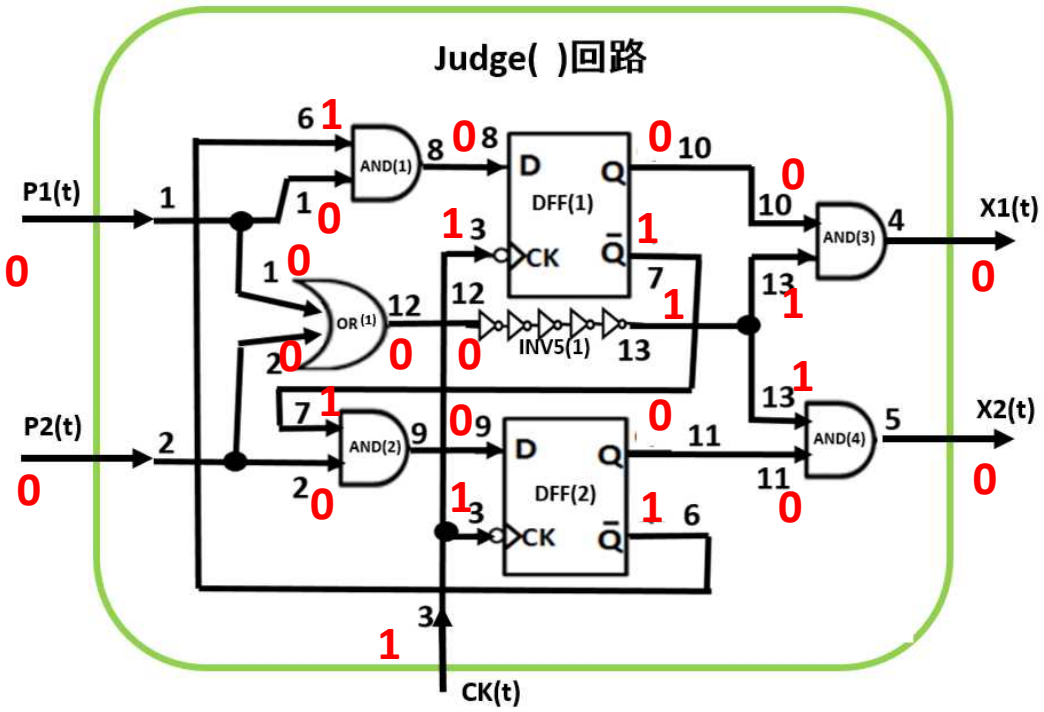


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51



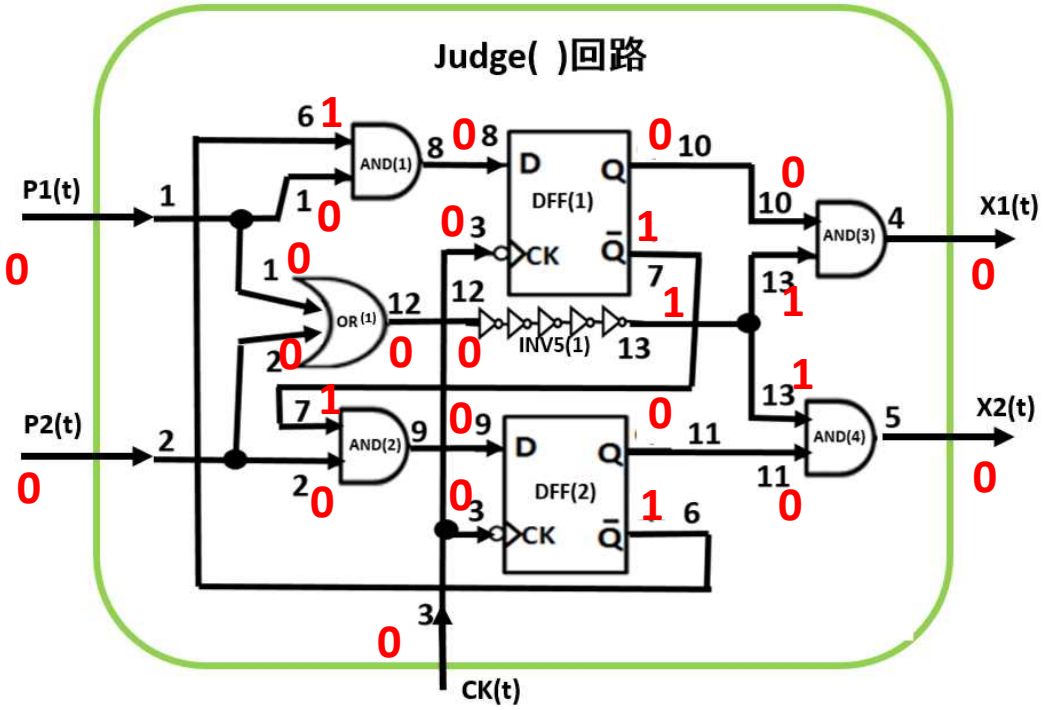
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10009.4

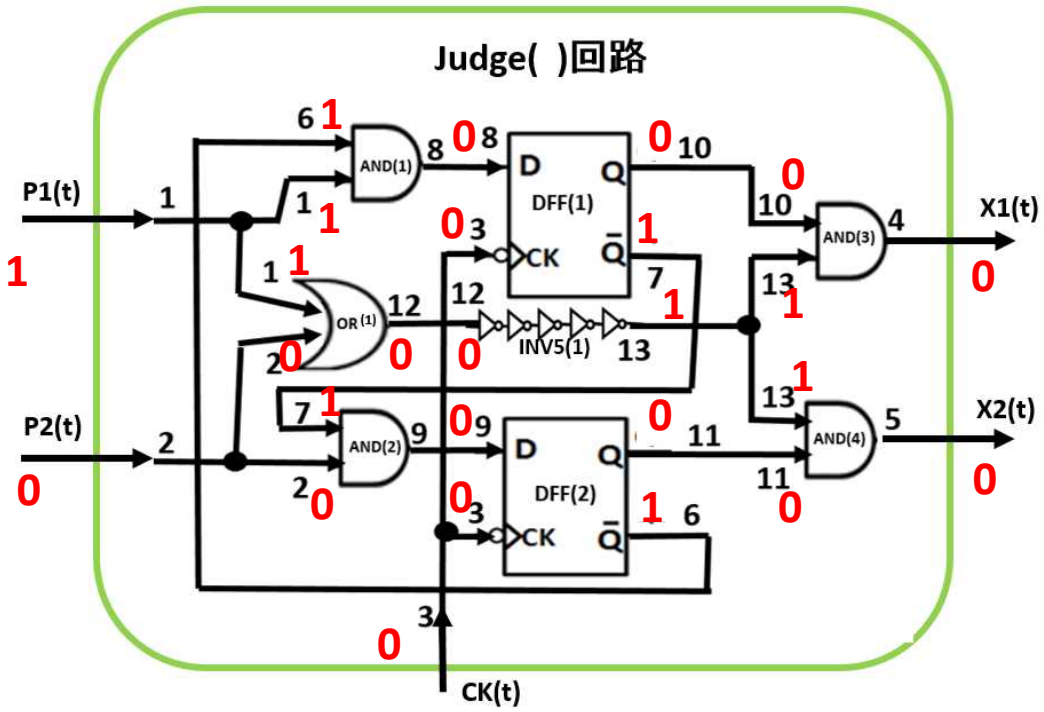


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51



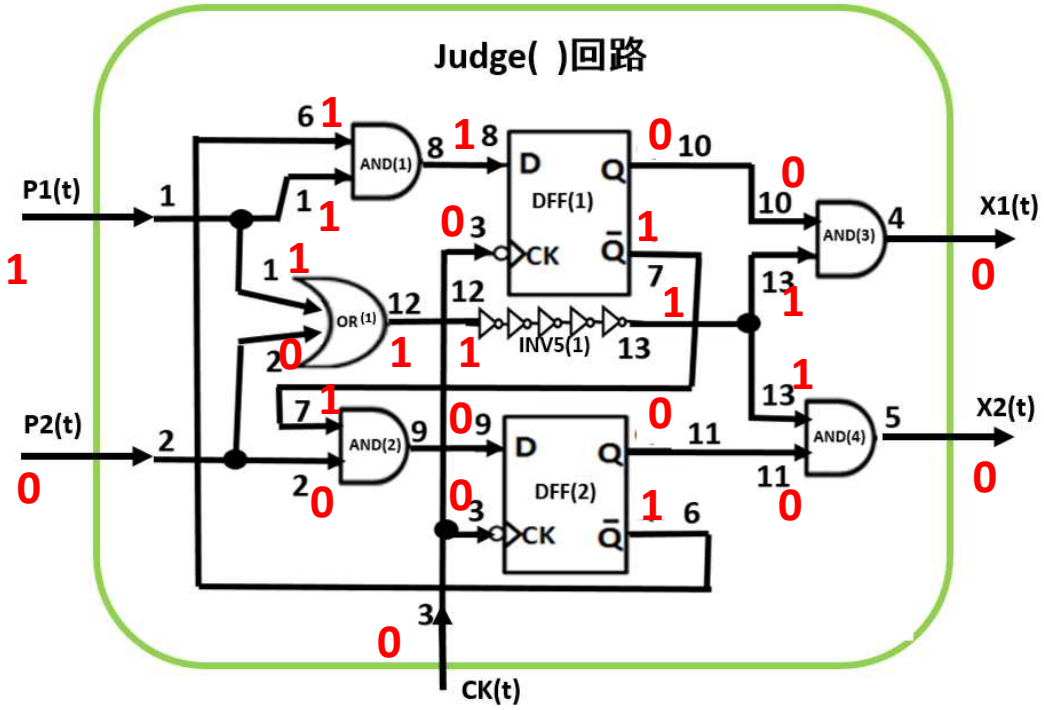
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10010.1

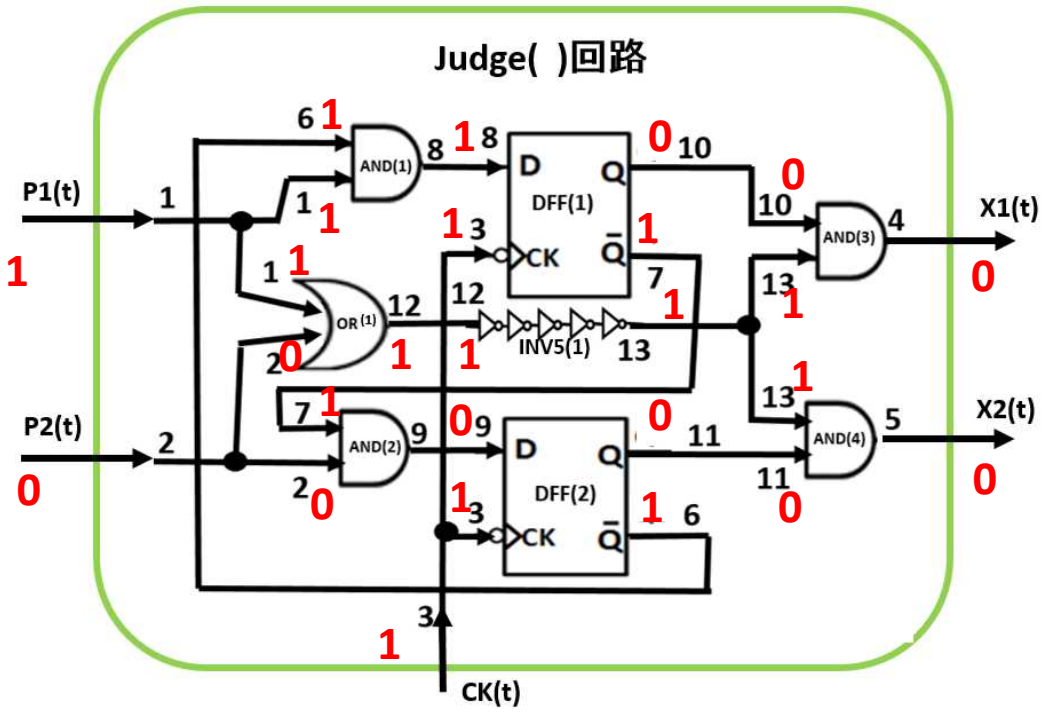


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51



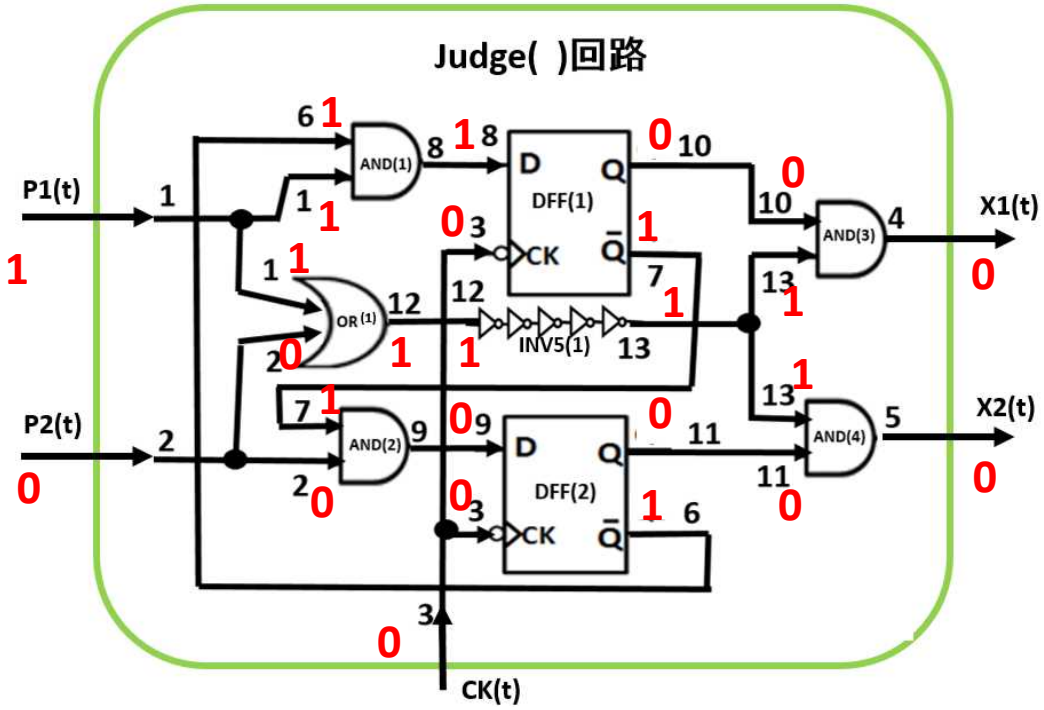
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10011.4



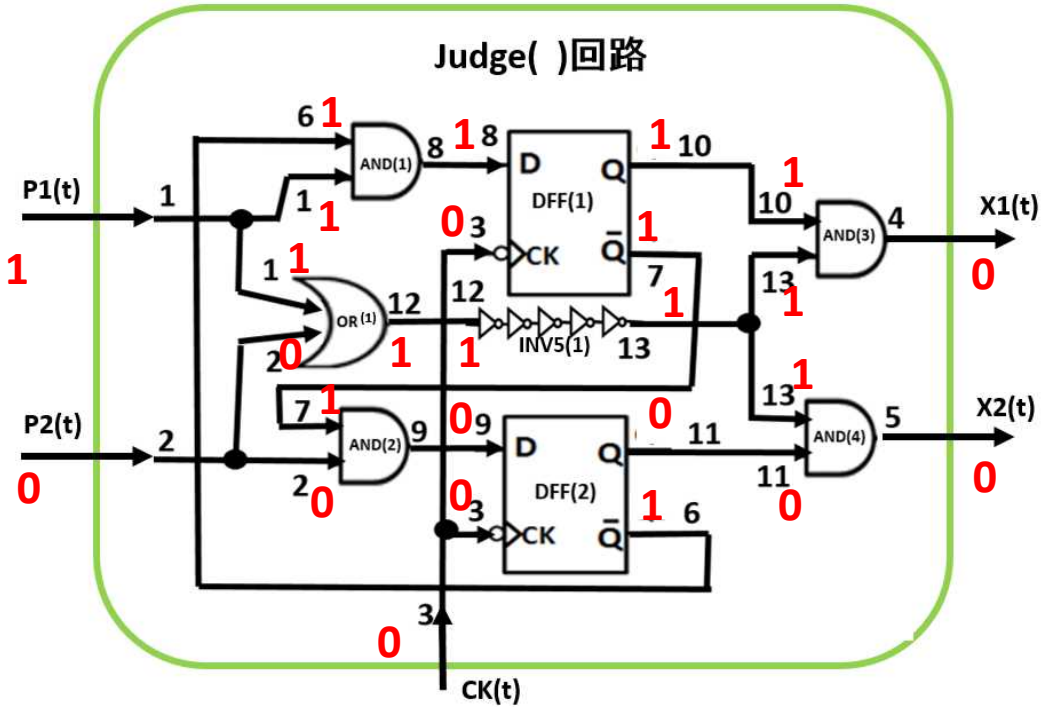
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10011.7



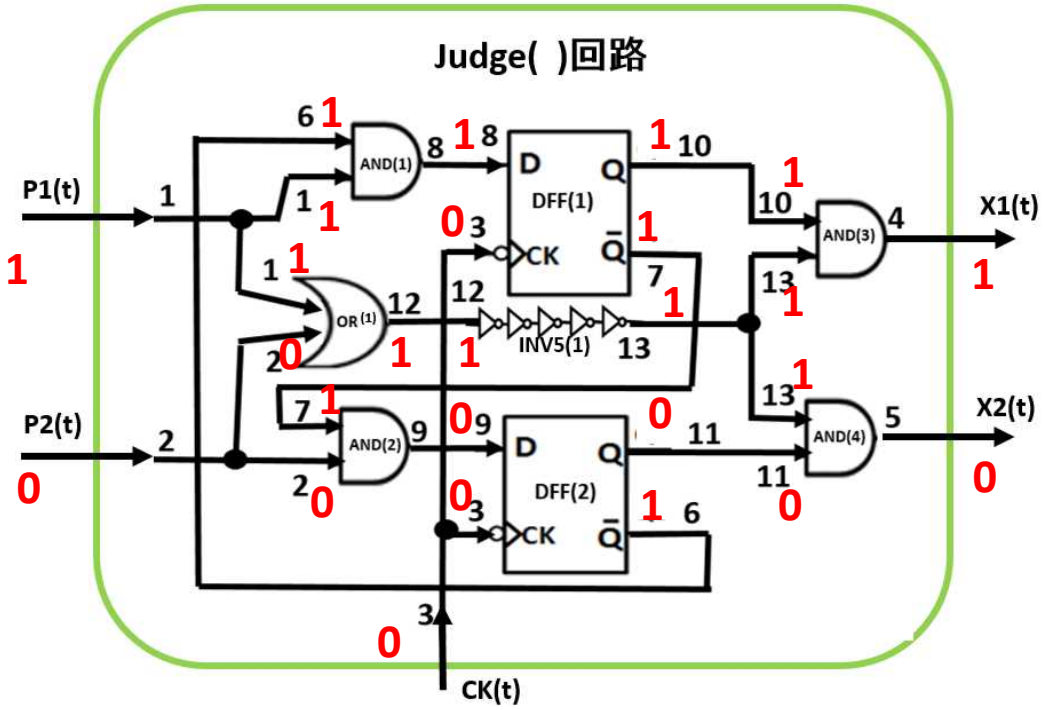
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10011.8

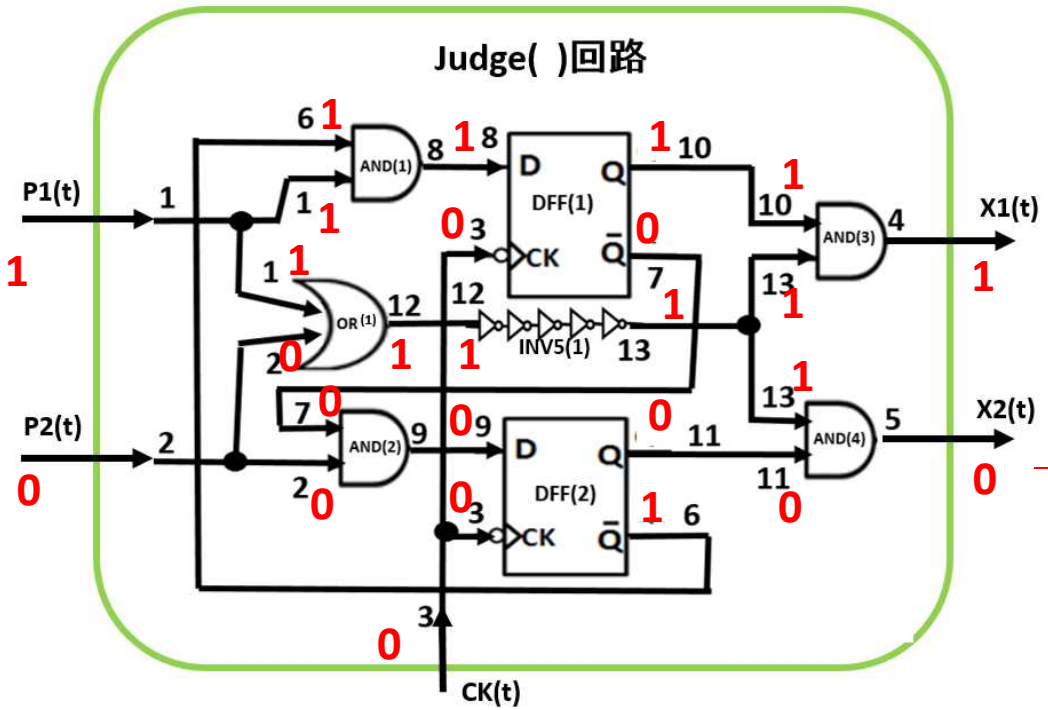


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51



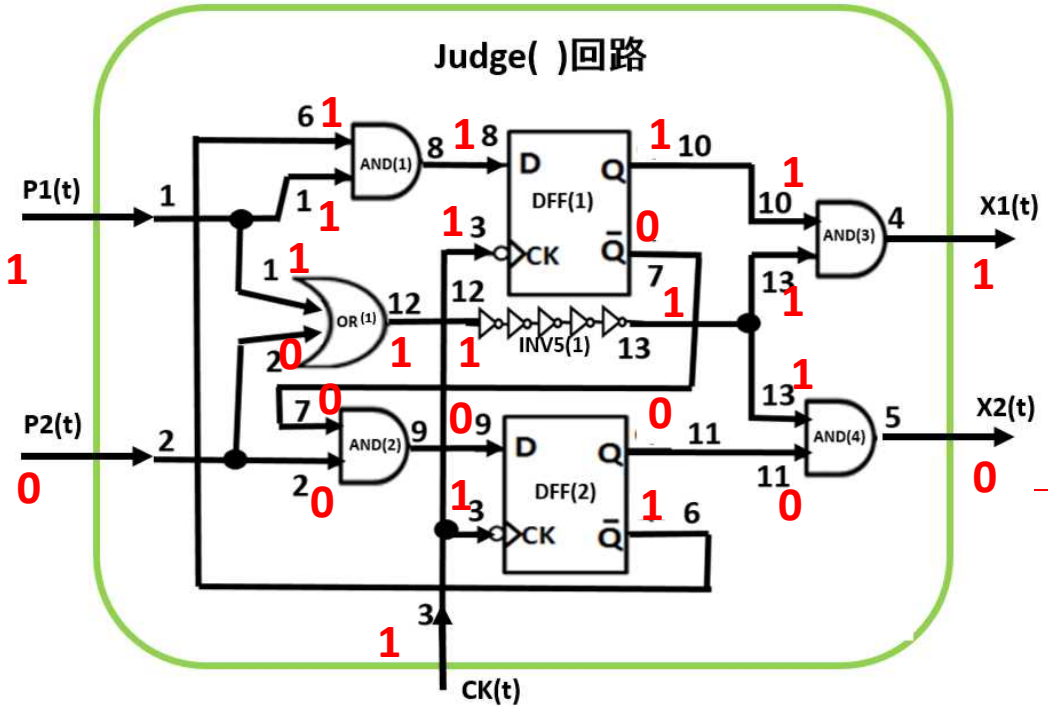
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	1	0	1	0	1	1	1
10013.0	1	1	0	1	0	1	1	0	1	0	1	1	1
10013.4	0	1	0	1	0	1	1	0	1	0	1	1	1
10015.0	1	1	0	1	0	1	1	0	1	0	1	1	1
10015.3	1	1	0	1	0	1	1	0	1	0	1	1	0
10015.4	0	1	0	0	0	1	1	0	1	0	1	1	0
10017.0	1	1	0	0	0	1	1	0	1	0	1	1	0
10017.4	0	1	0	0	0	1	1	0	1	0	1	1	0
10019.0	1	1	0	0	0	1	1	0	1	0	1	1	0
10019.4	0	1	0	0	0	1	1	0	1	0	1	1	0
10020.0	0	1	1	0	0	1	1	0	1	0	1	1	0
10021.0	1	1	1	0	0	1	1	0	1	0	1	1	0
10021.4	0	1	1	0	0	1	1	0	1	0	1	1	0
10023.0	1	1	1	0	0	1	1	0	1	0	1	1	0
10023.4	0	1	1	0	0	1	1	0	1	0	1	1	0
10025.0	1	1	1	0	0	1	1	0	1	0	1	1	0
10025.4	0	1	1	0	0	1	1	0	1	0	1	1	0
10027.0	1	1	1	0	0	1	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10013.0

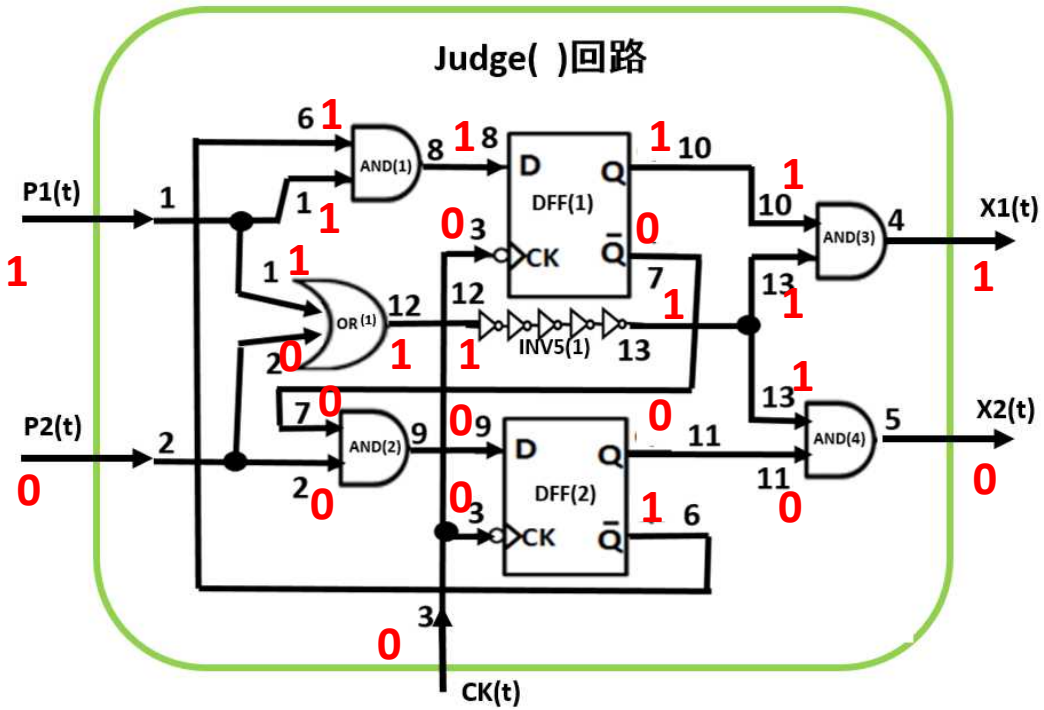


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

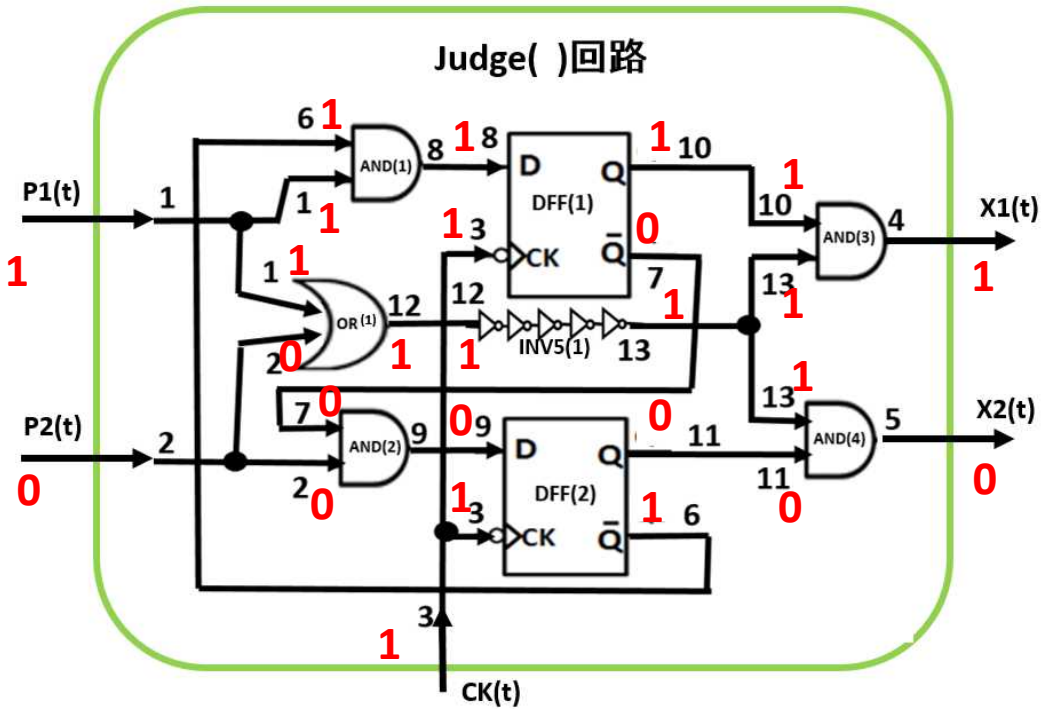


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51



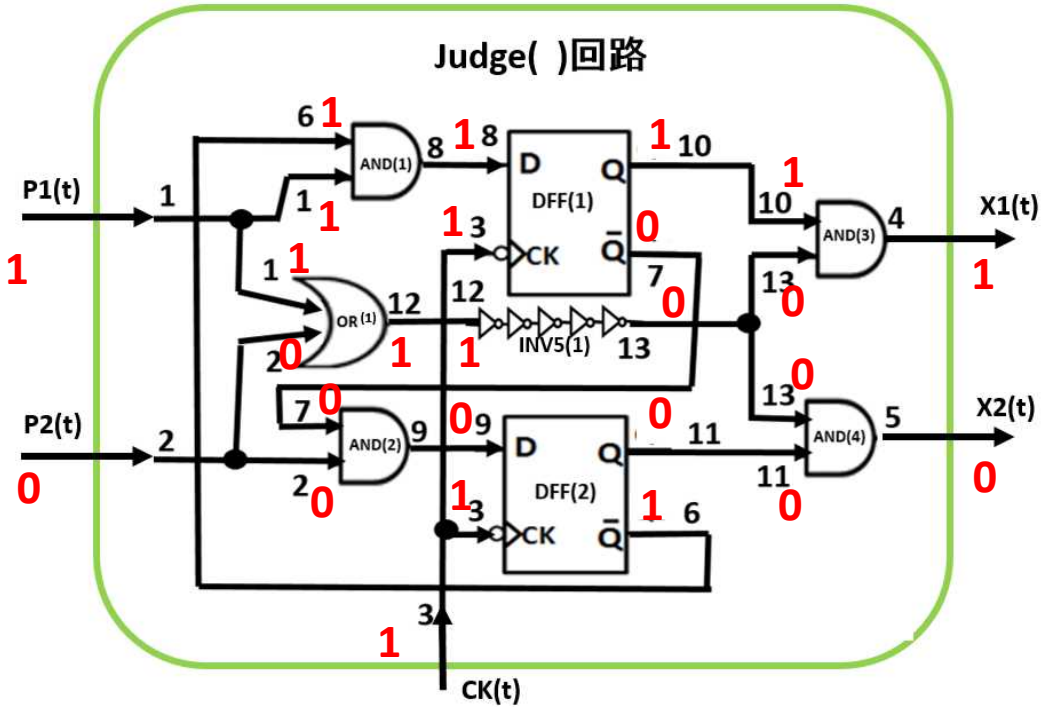
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10015.3



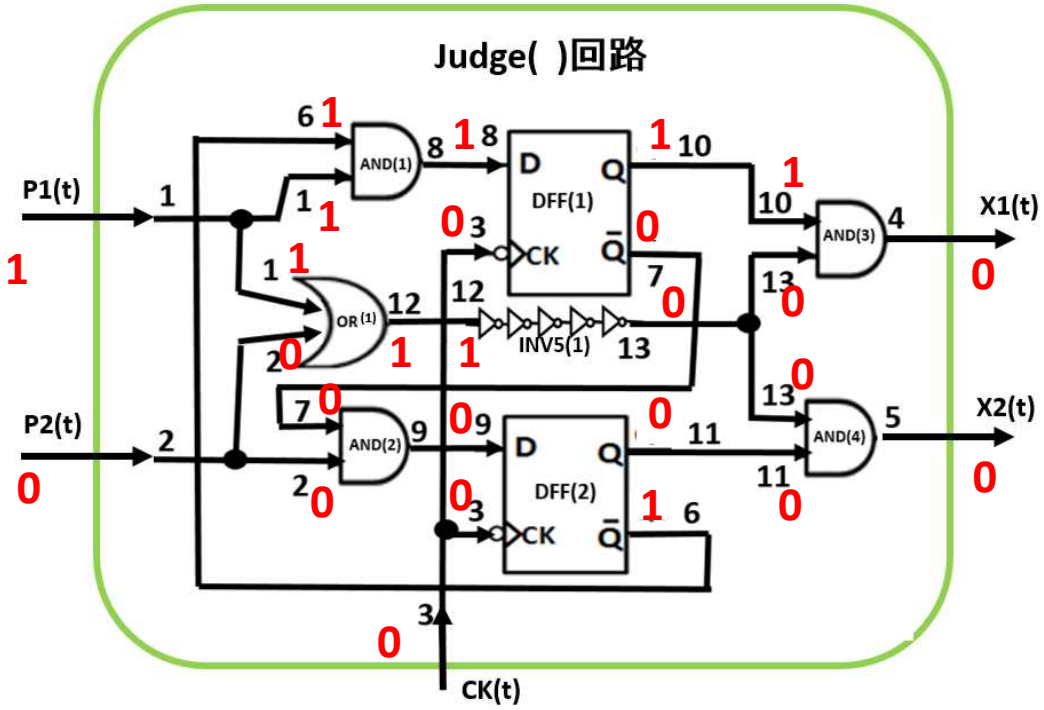
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10015.4

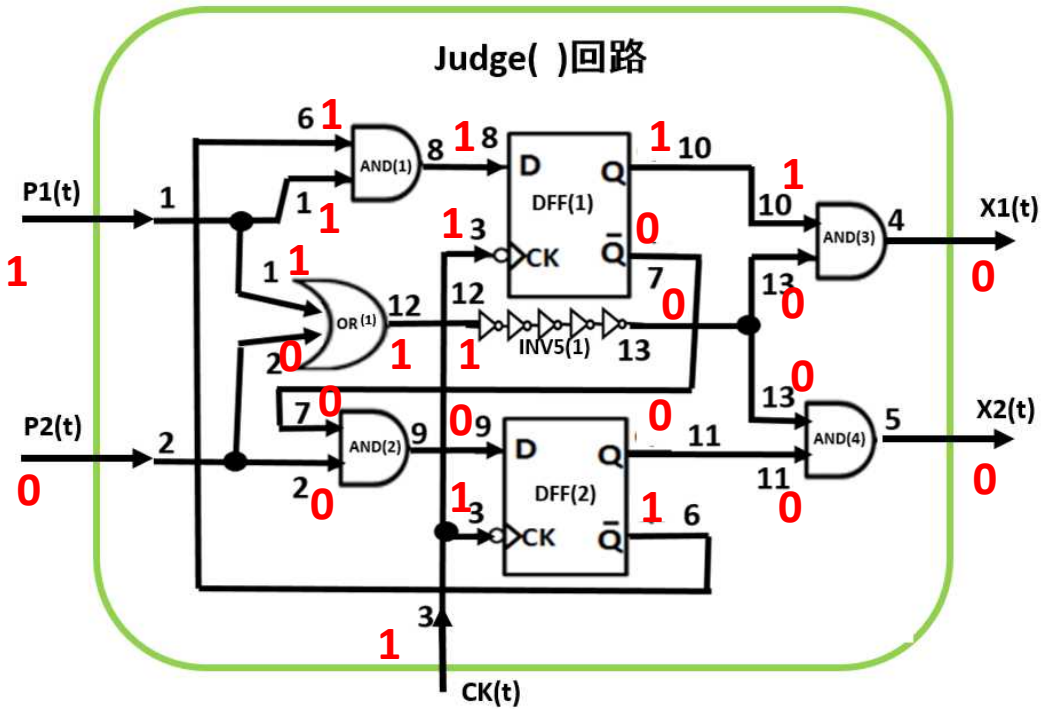


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51



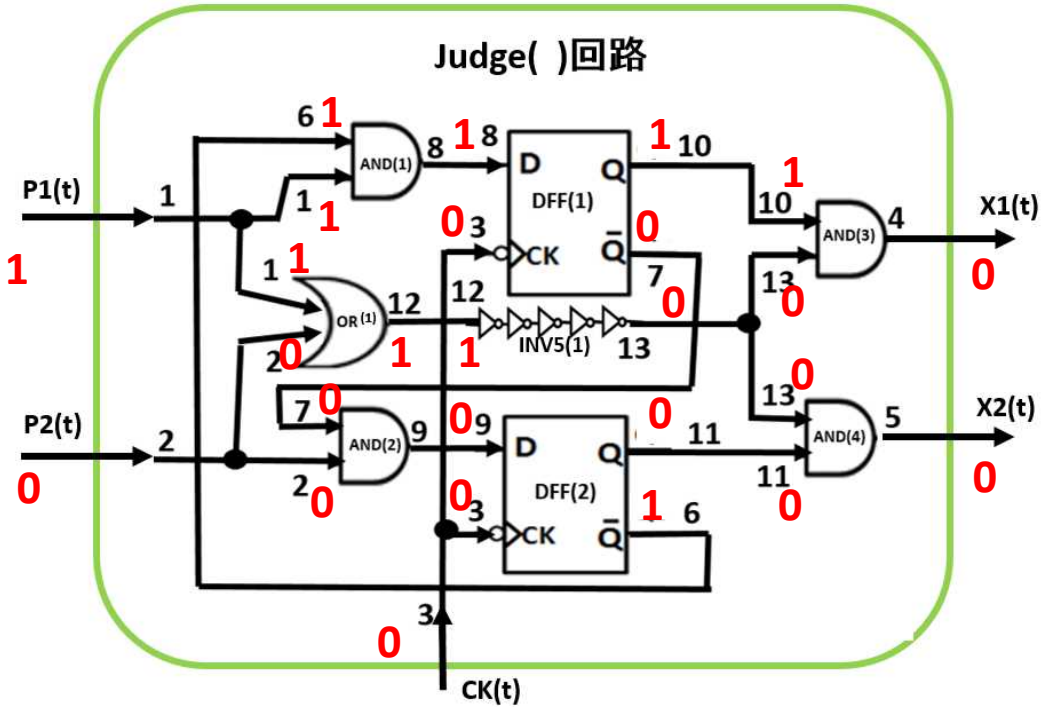
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10017.4

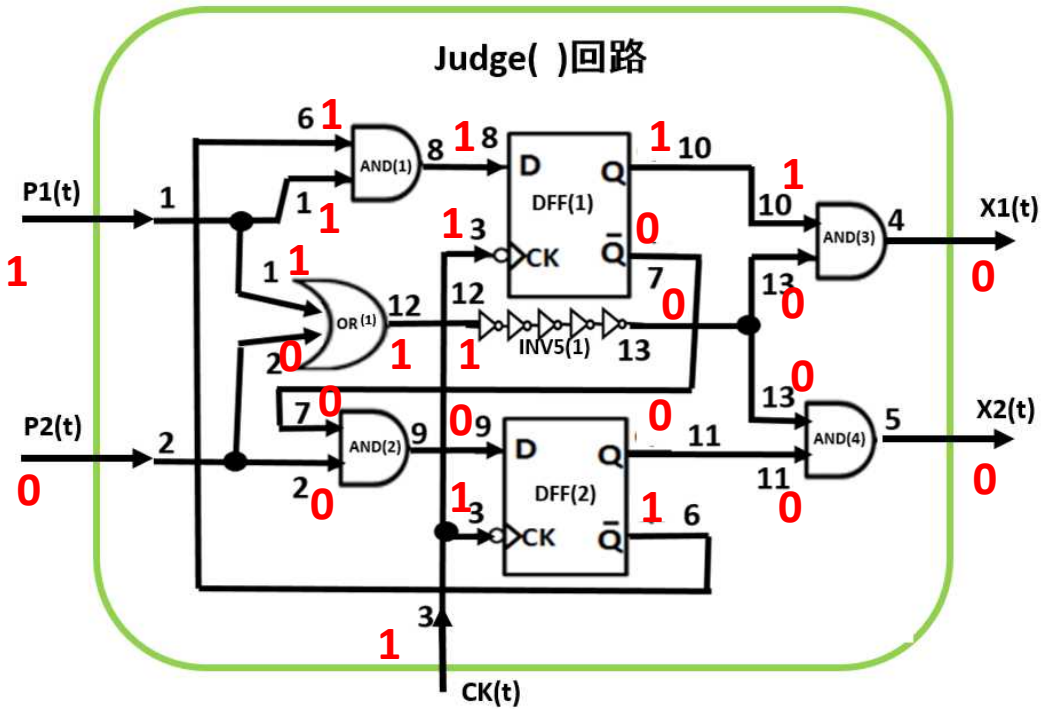


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51



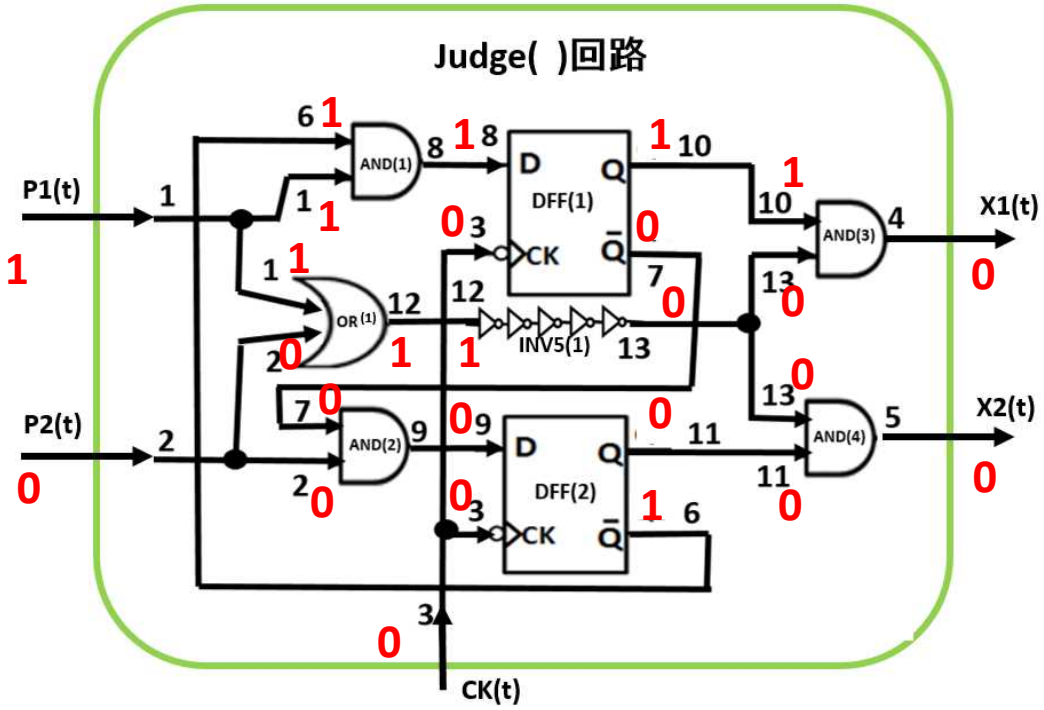
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10019.4

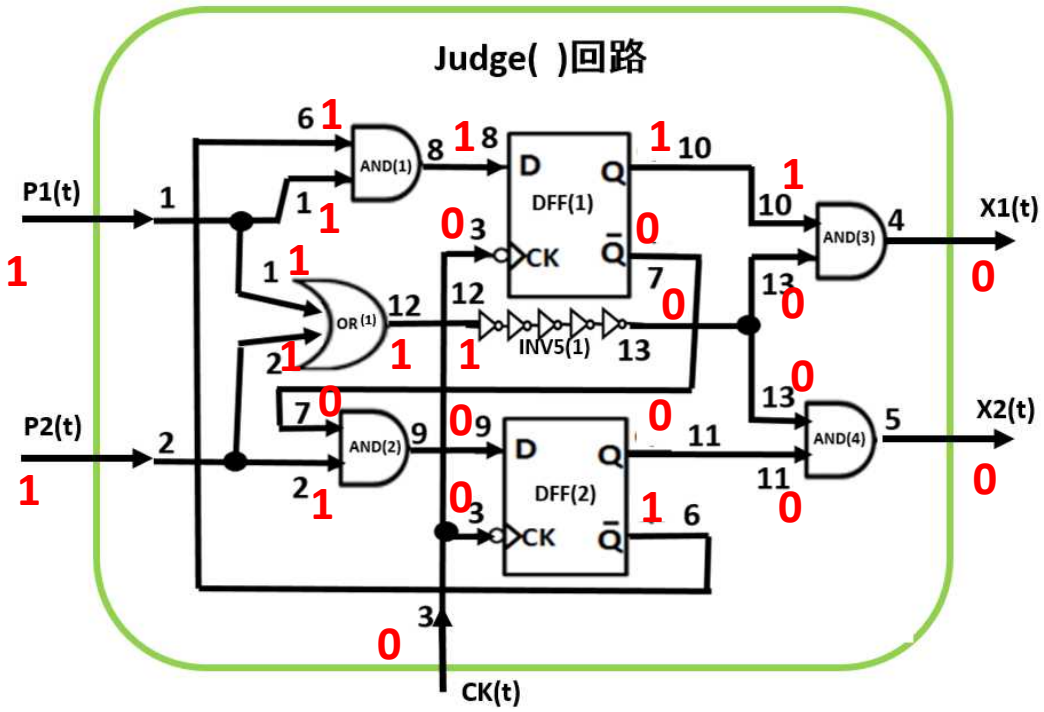


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51



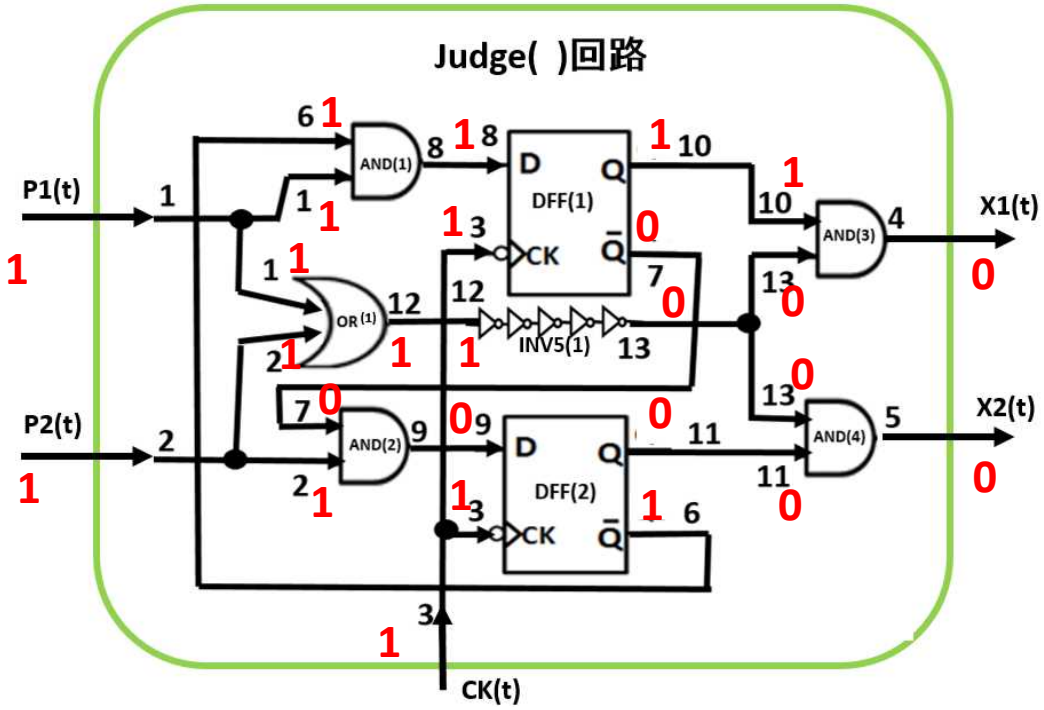
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10021.0



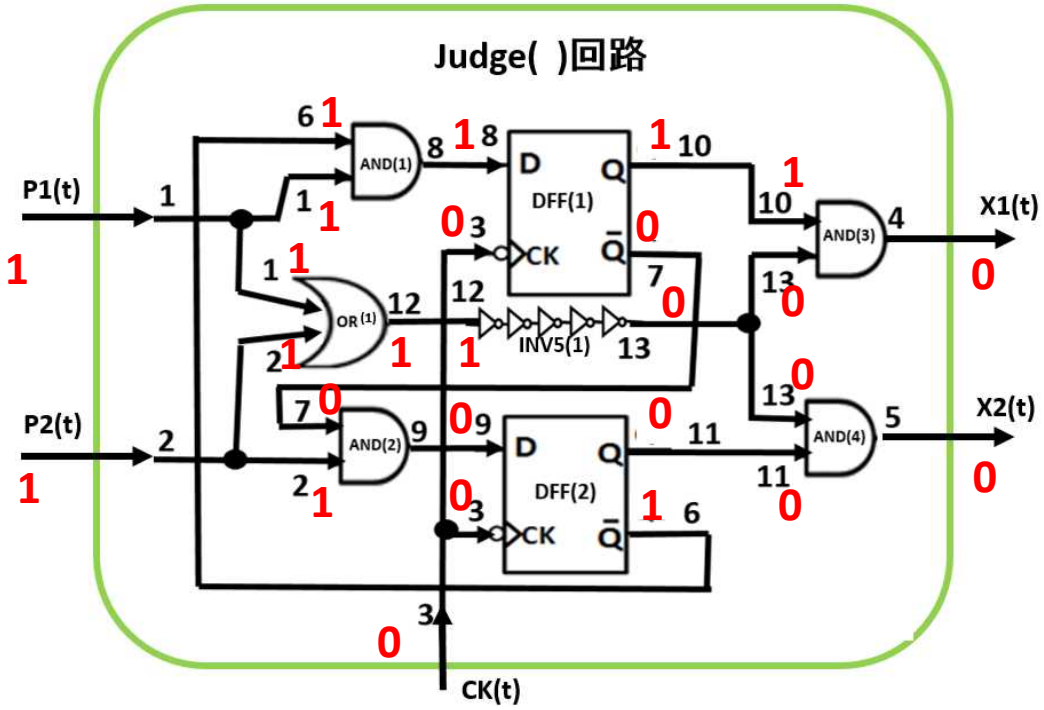
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10021.4



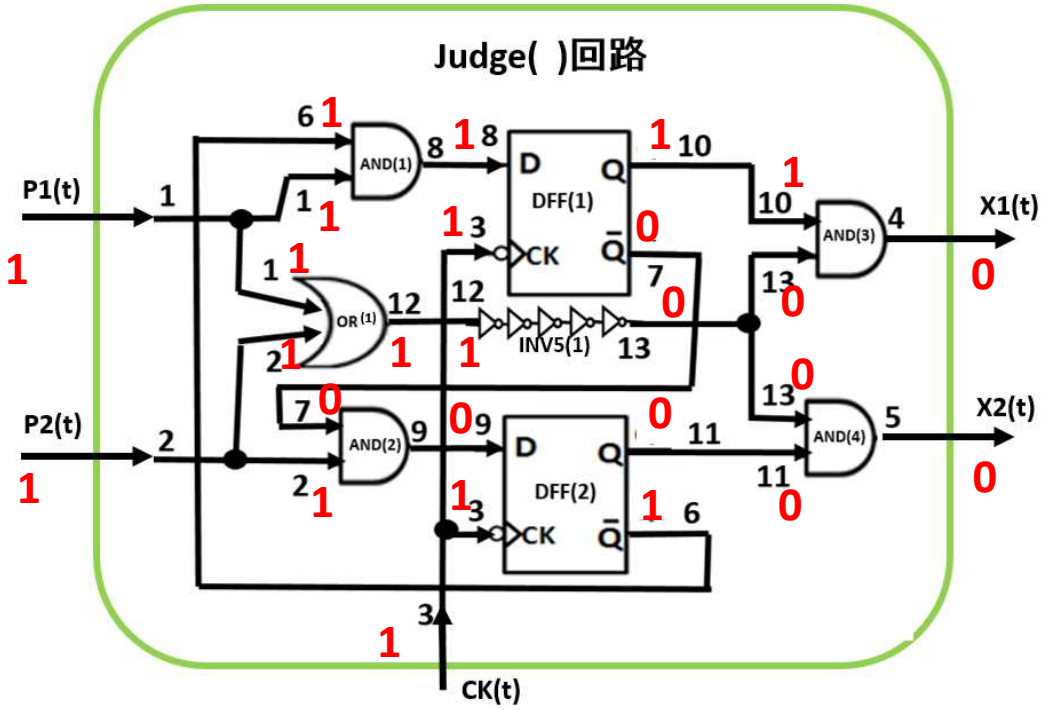
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10023.0



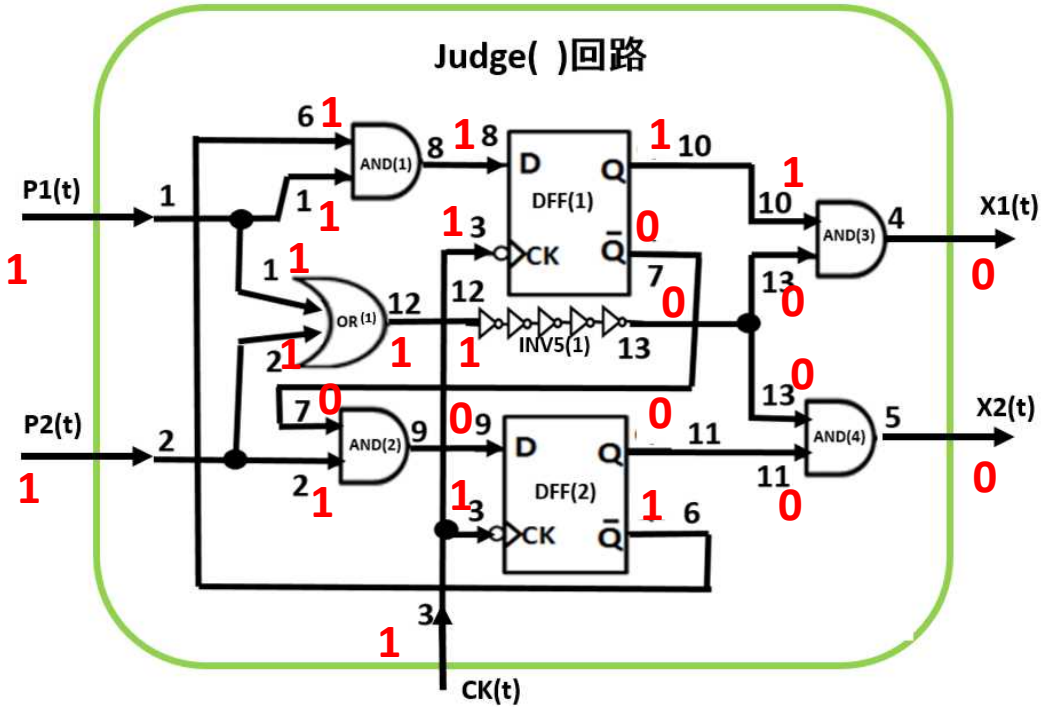
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	0	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10029.0



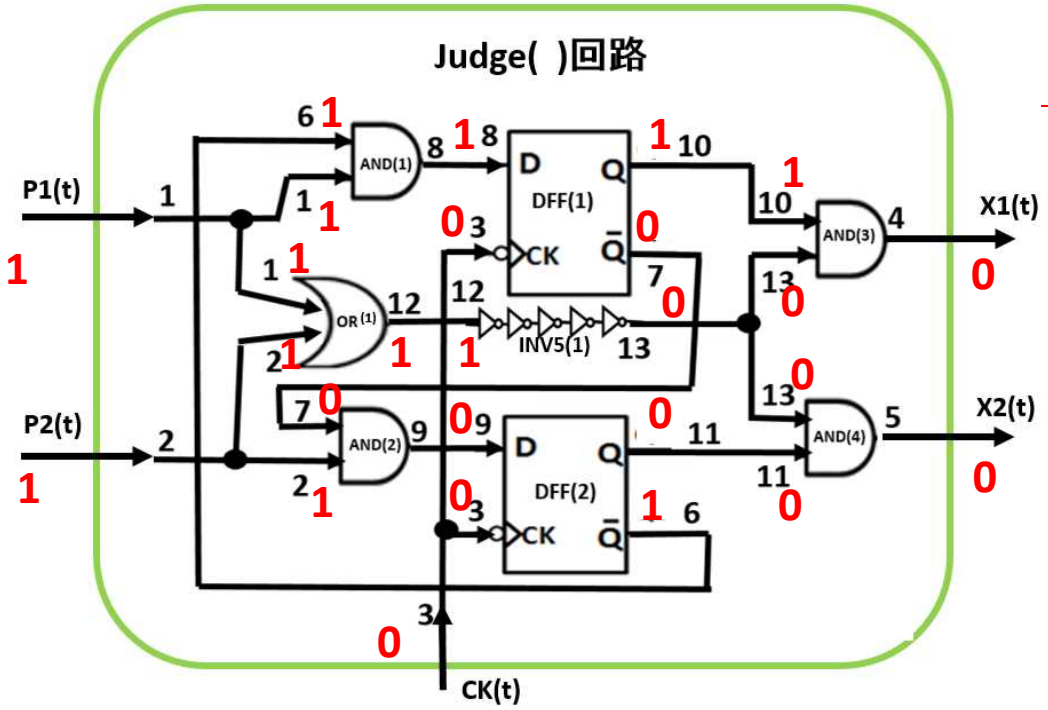
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10029.4



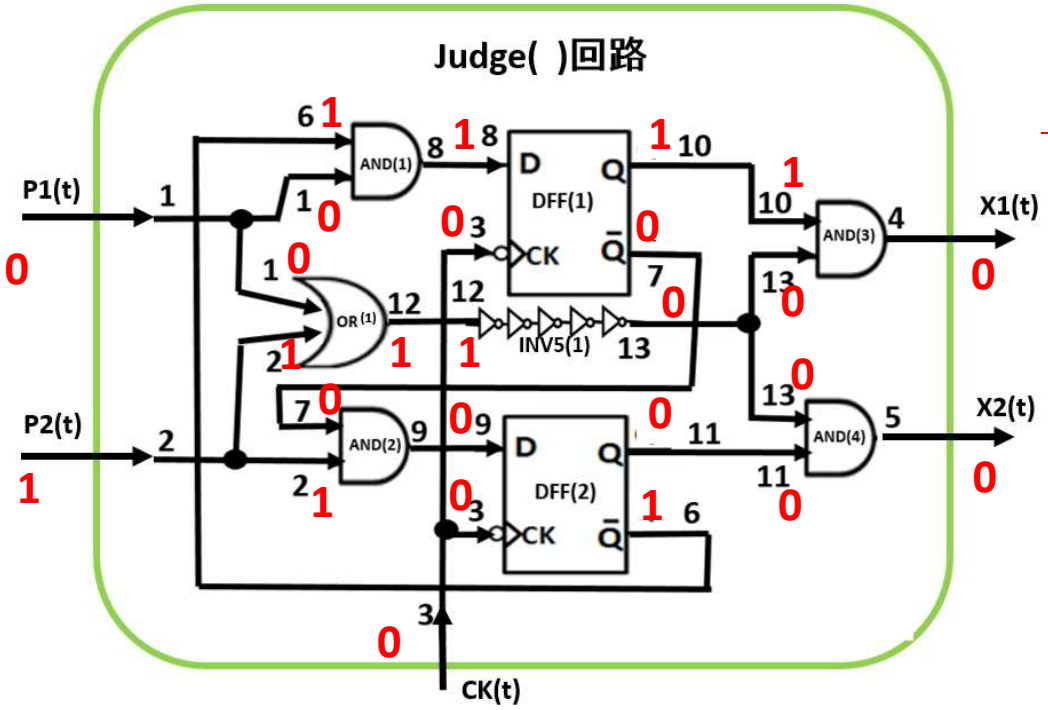
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10030.0



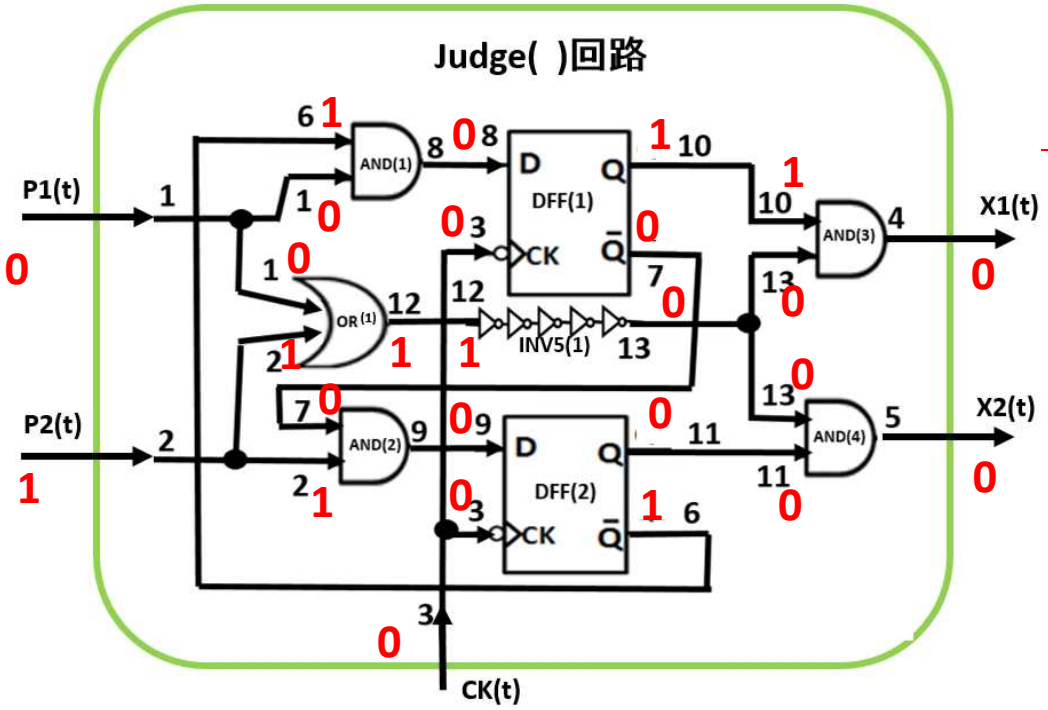
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10030.1



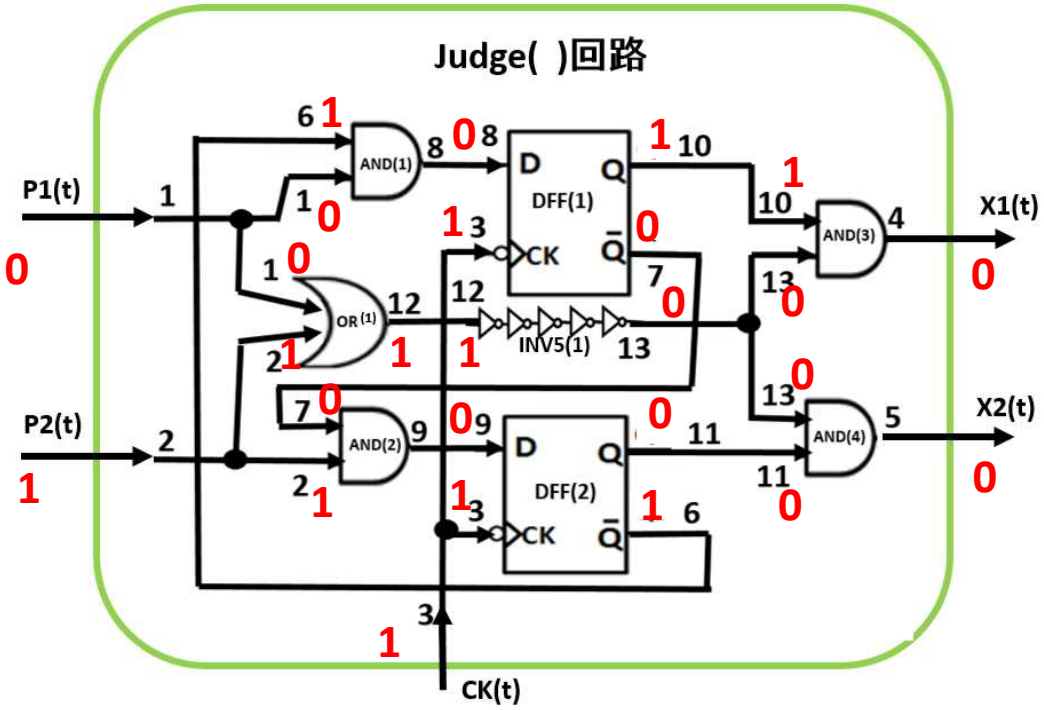
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10031.0



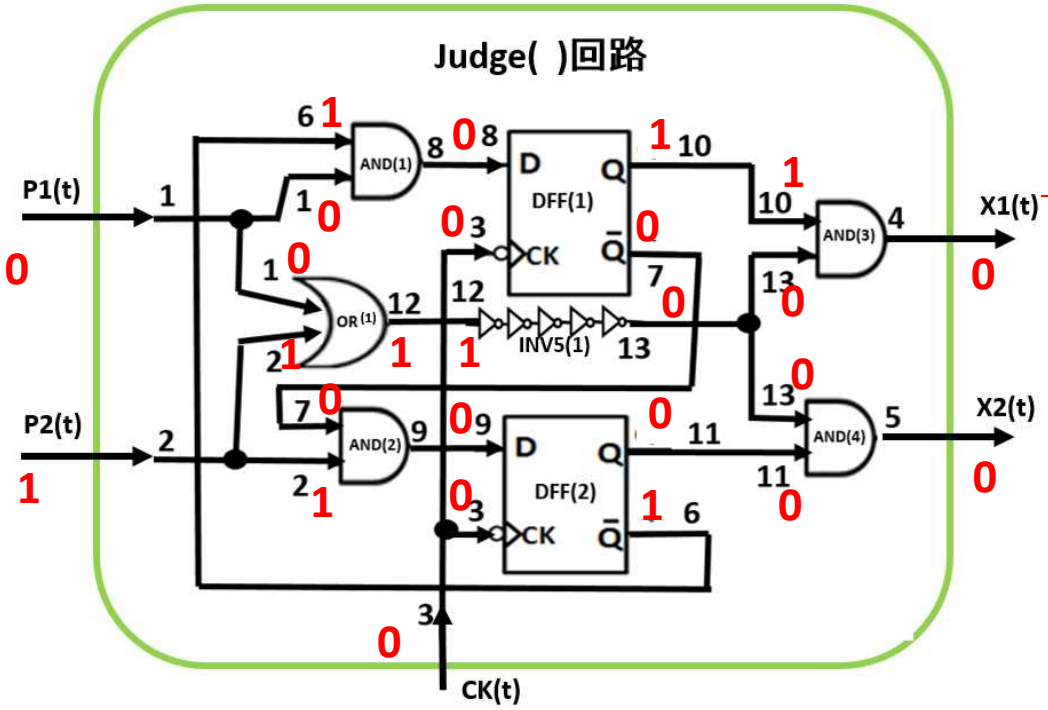
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10031.4



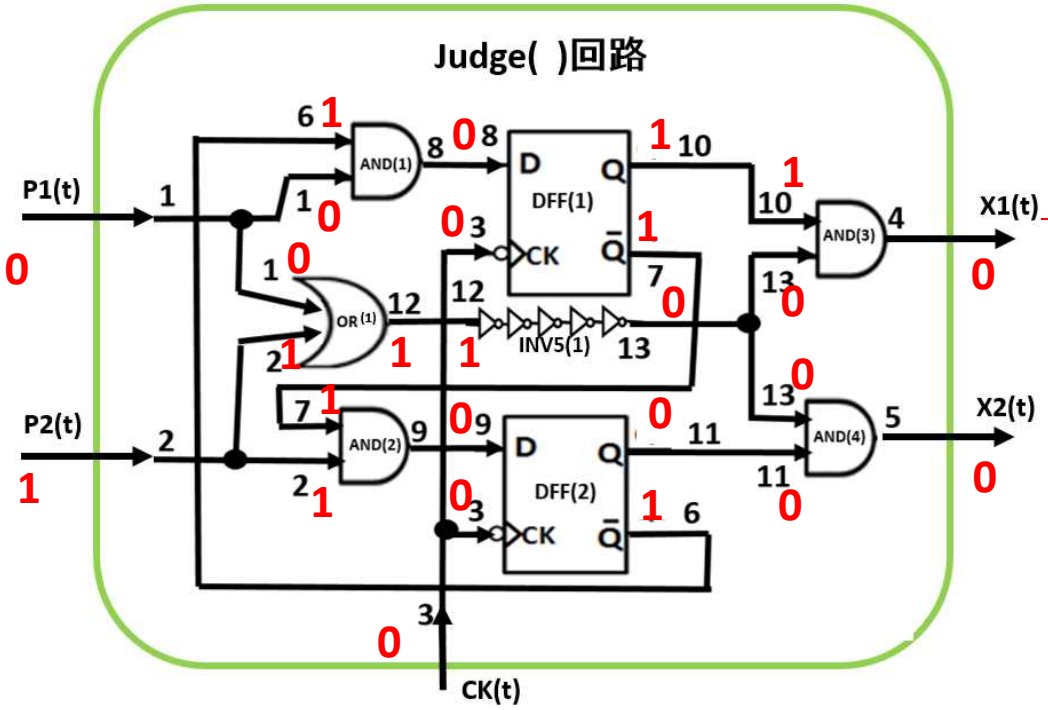
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10031.7



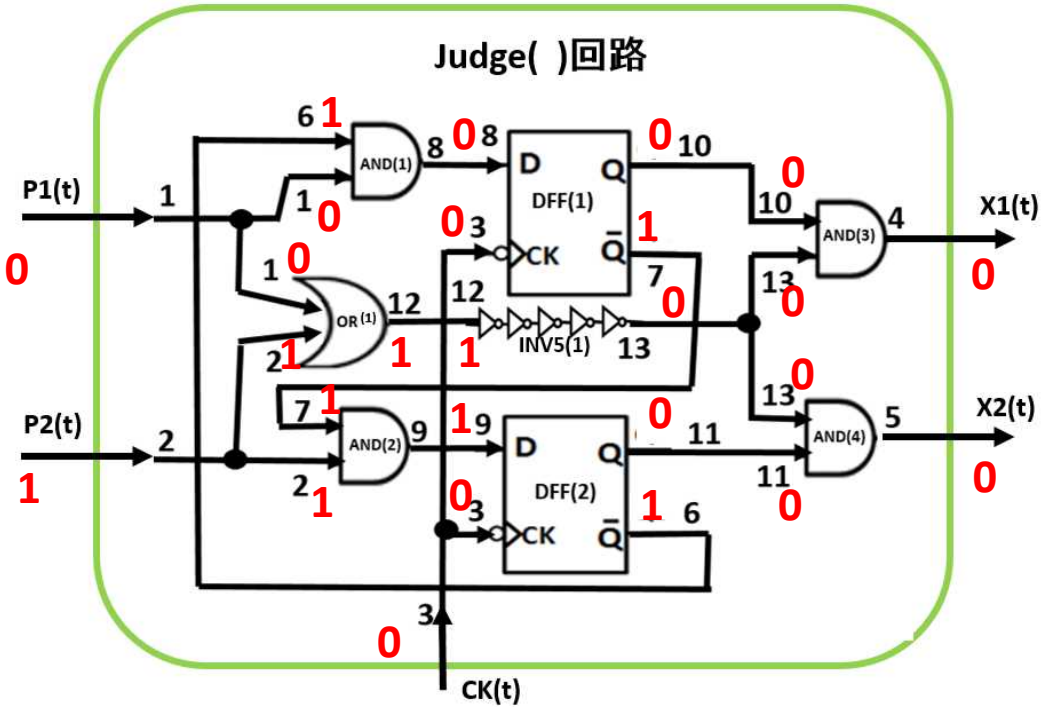
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10031.9



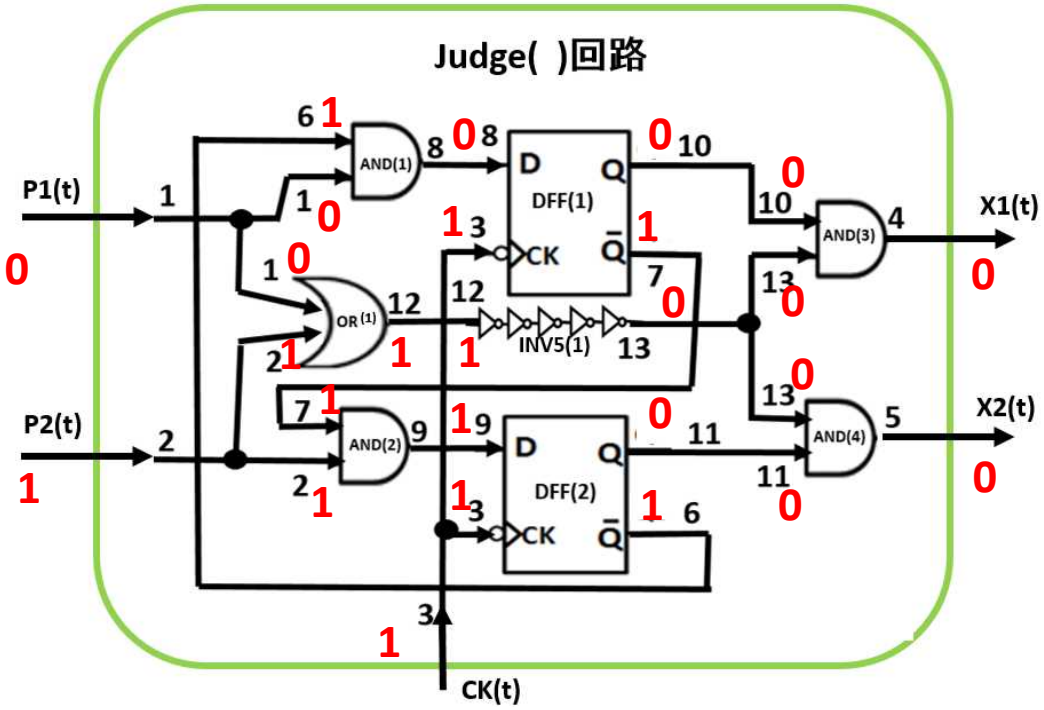
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10033.0



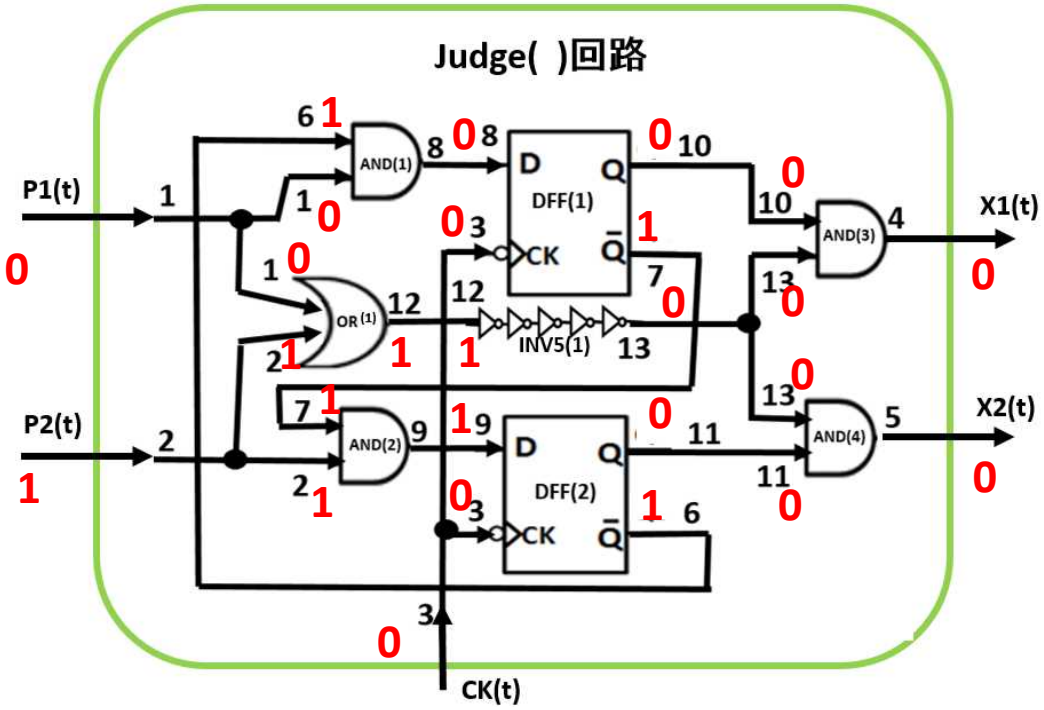
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10033.4



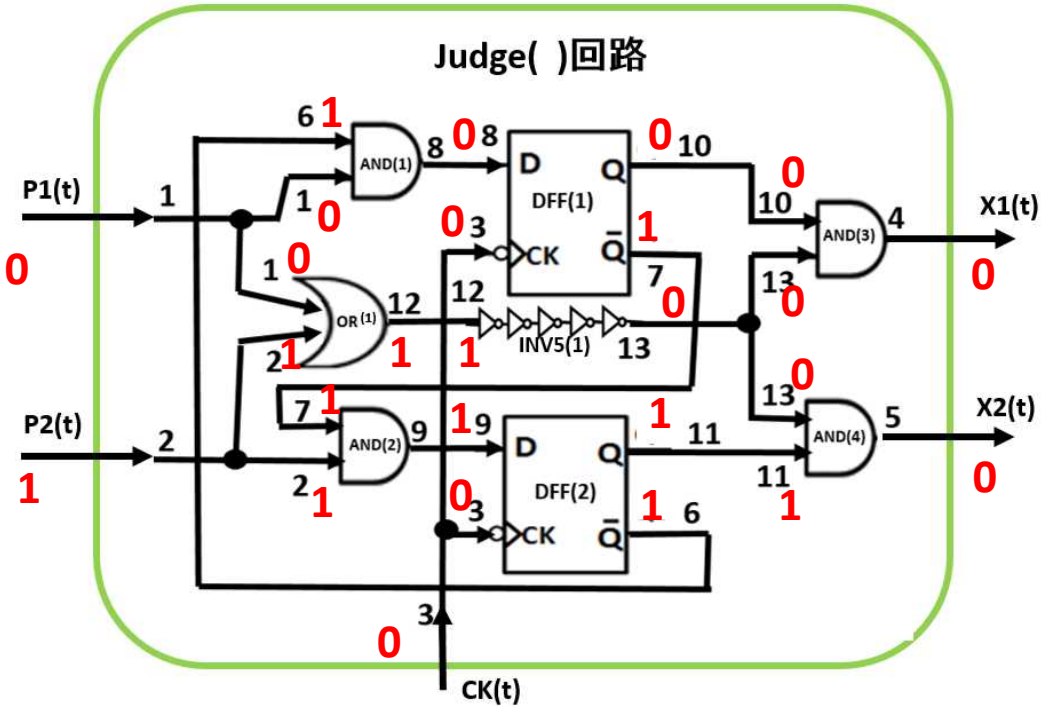
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10033.7



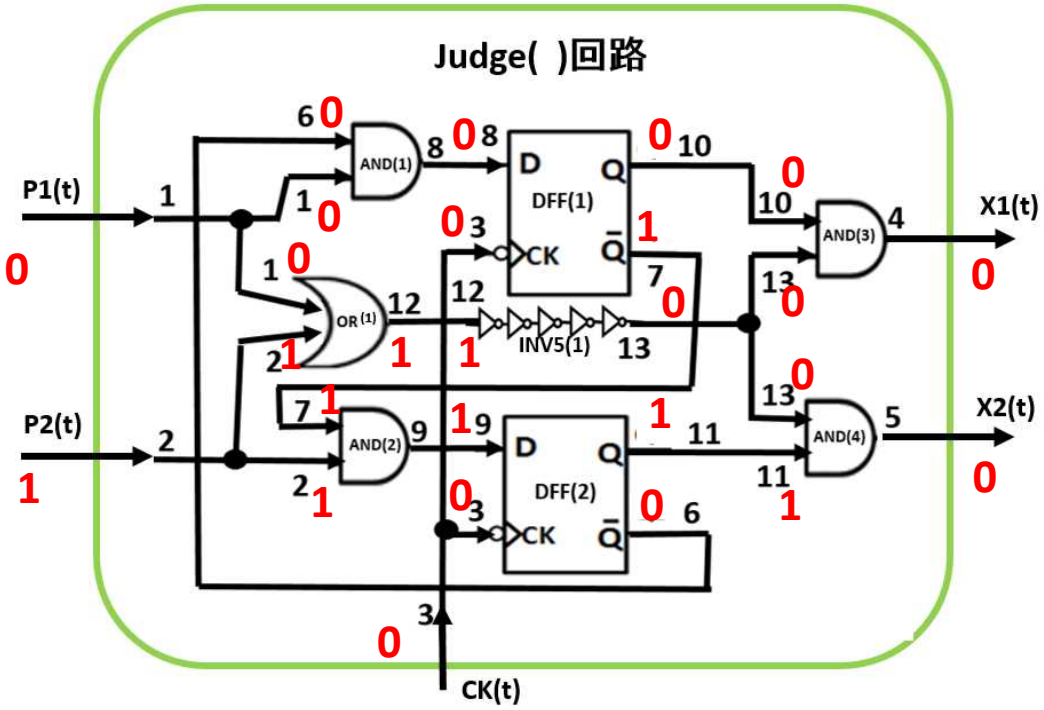
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10033.9



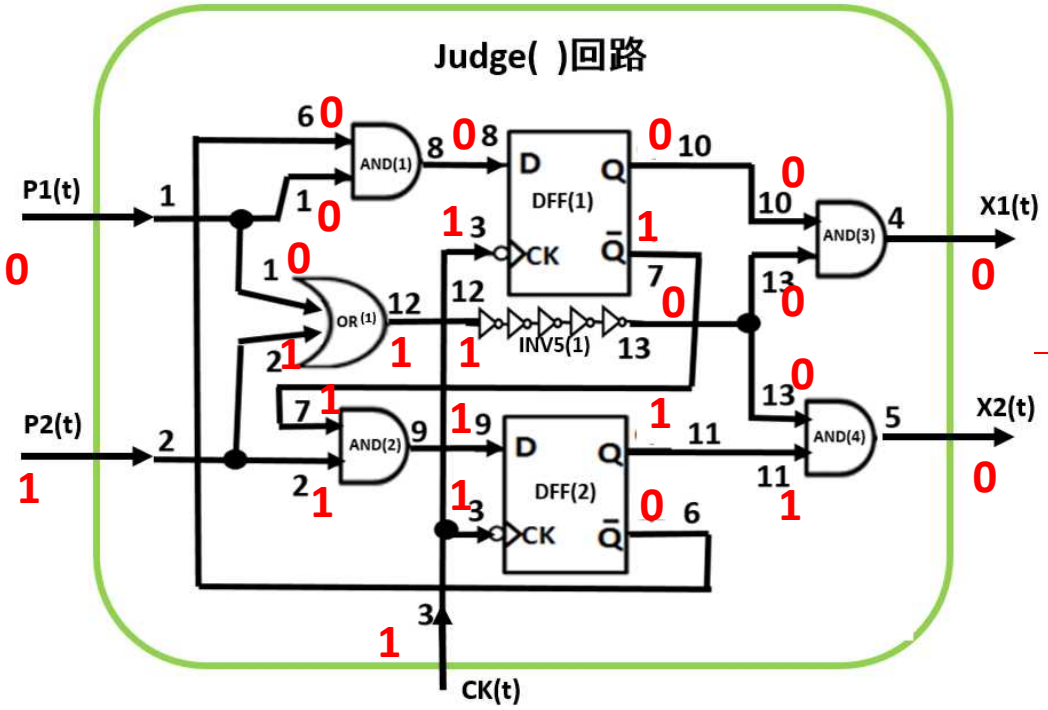
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10035.0



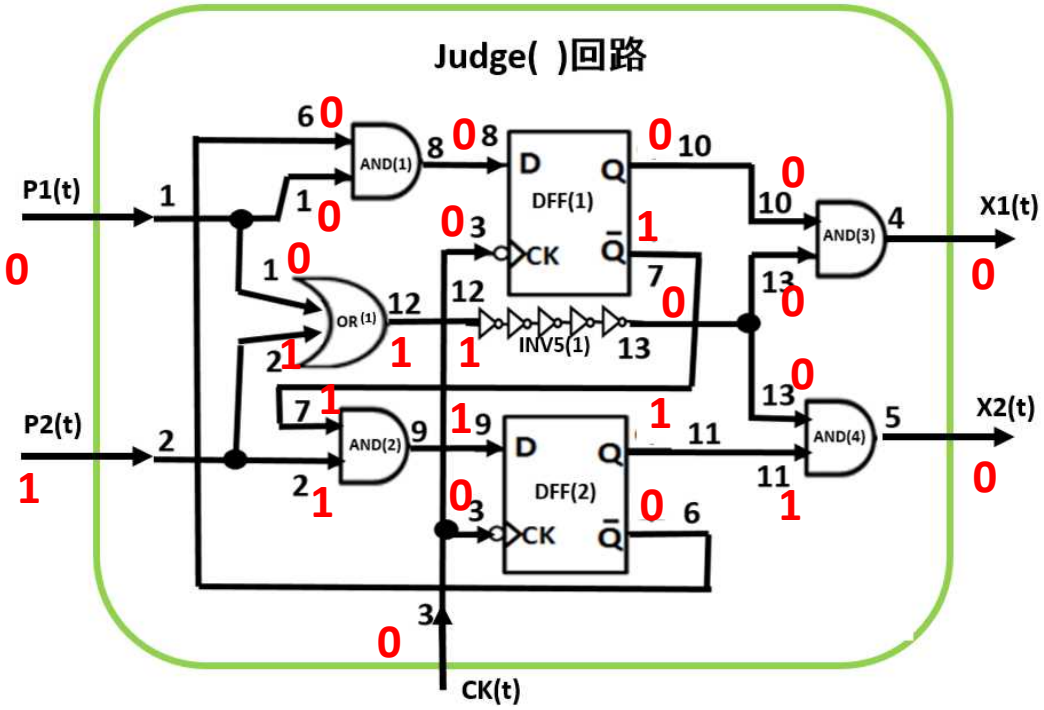
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10035.4



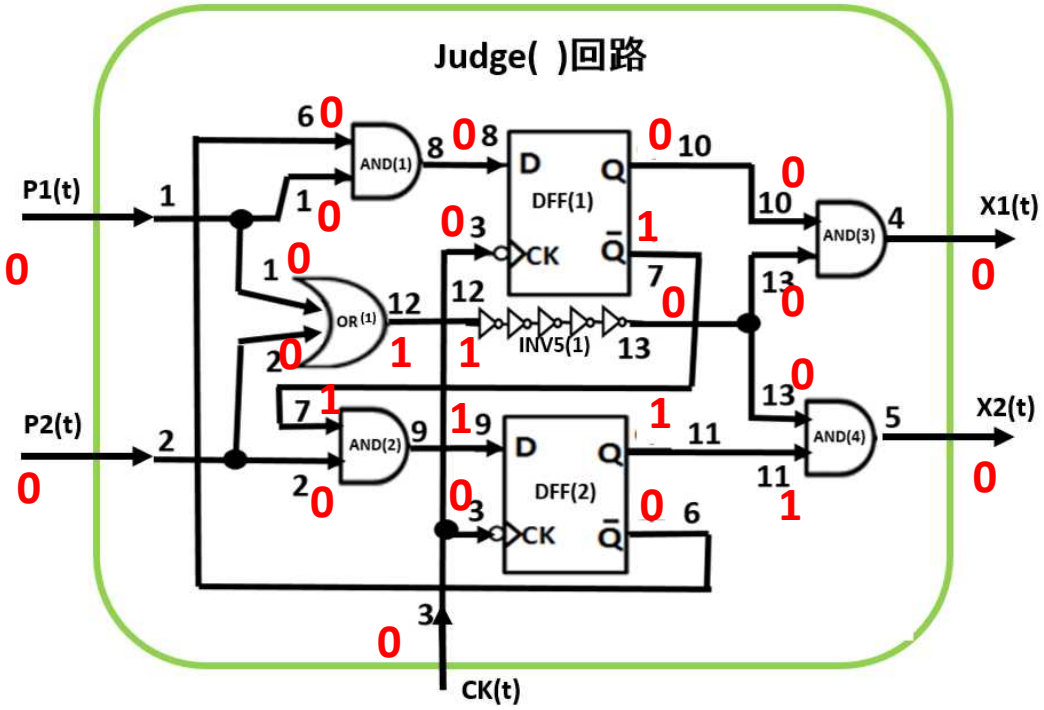
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10036.0



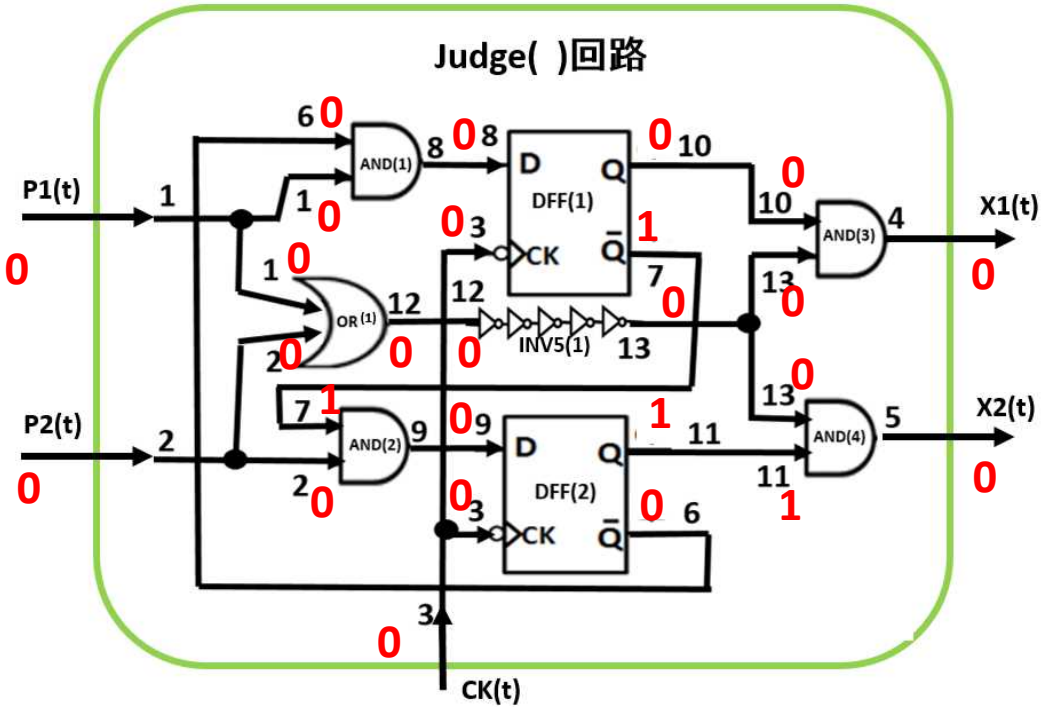
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10036.1



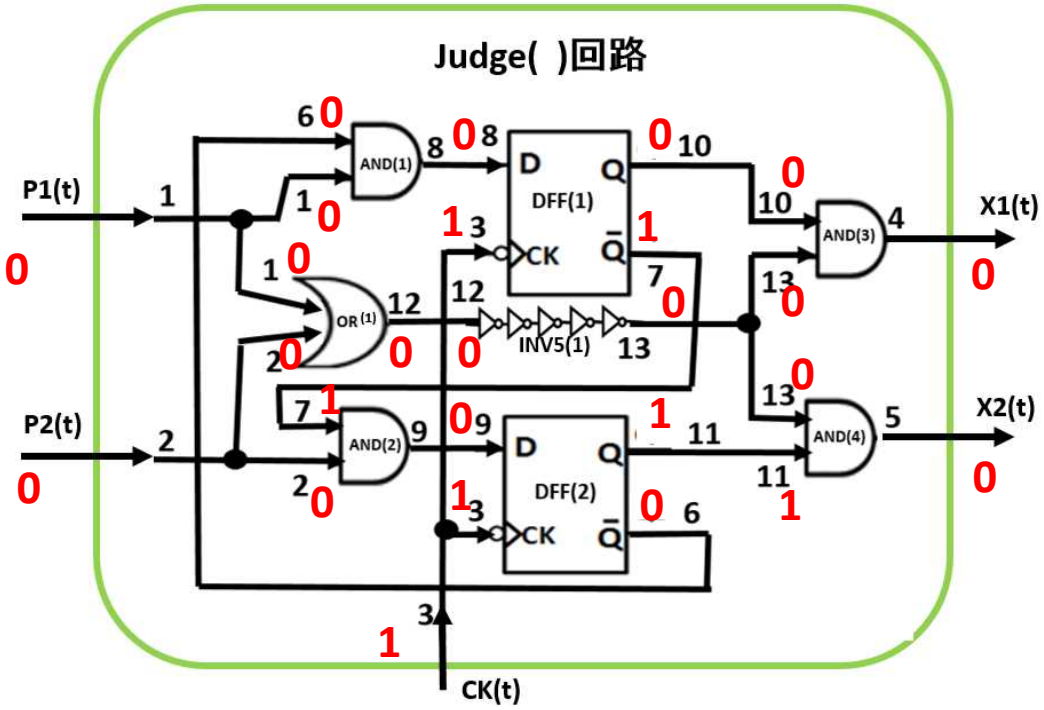
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10037.0



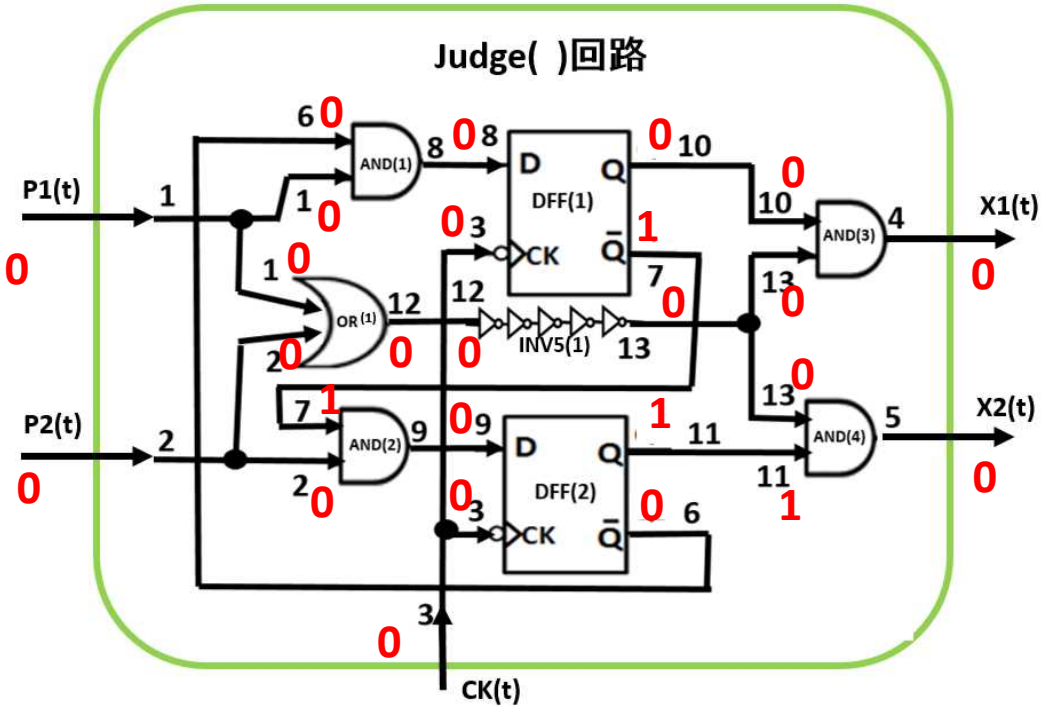
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10037.4



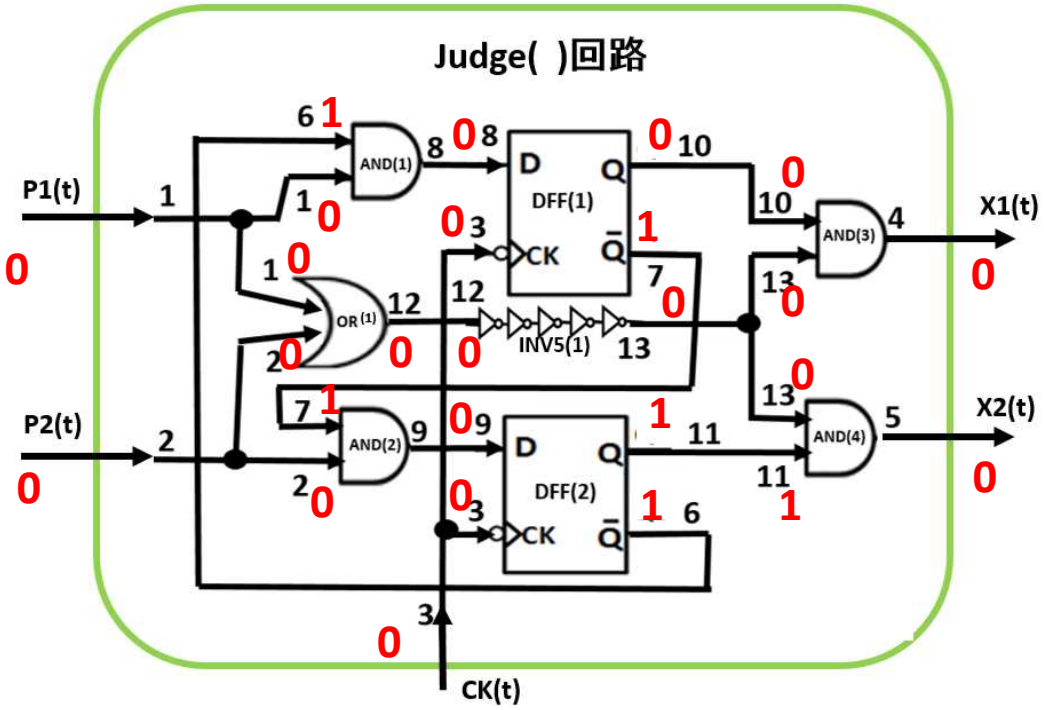
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10037.7



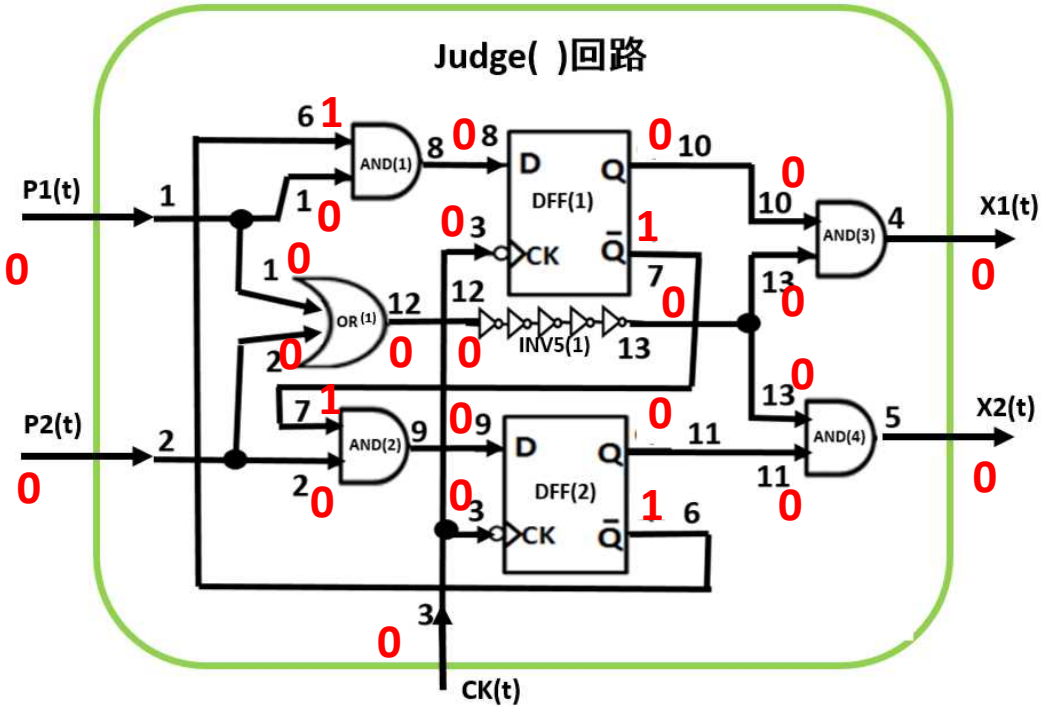
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10037.9



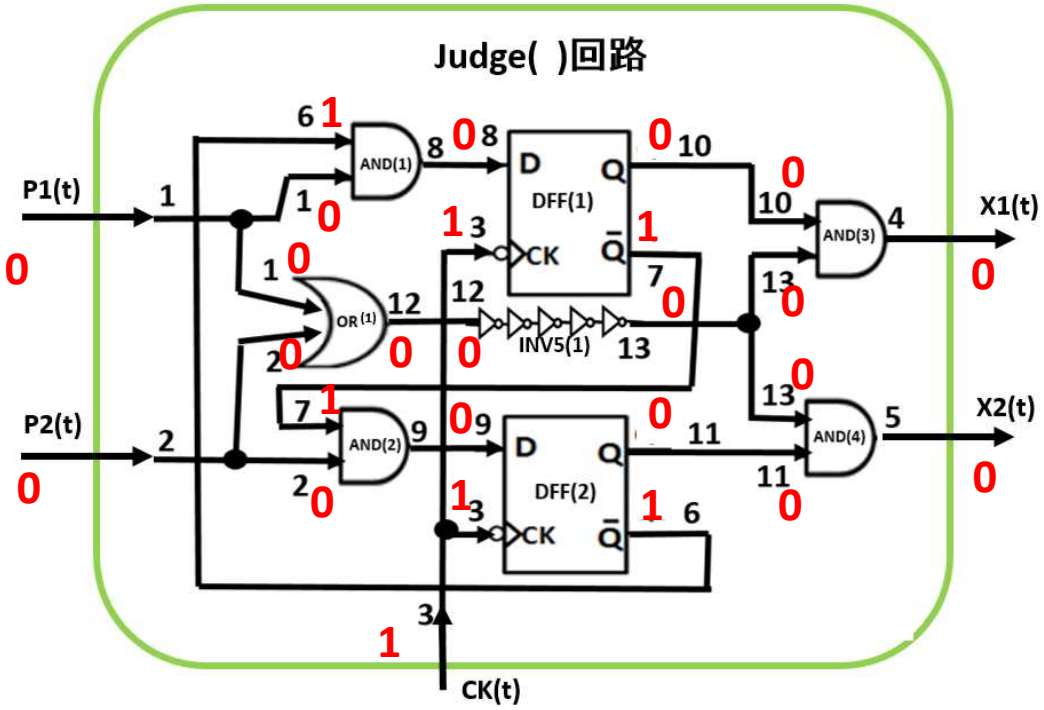
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10039.0



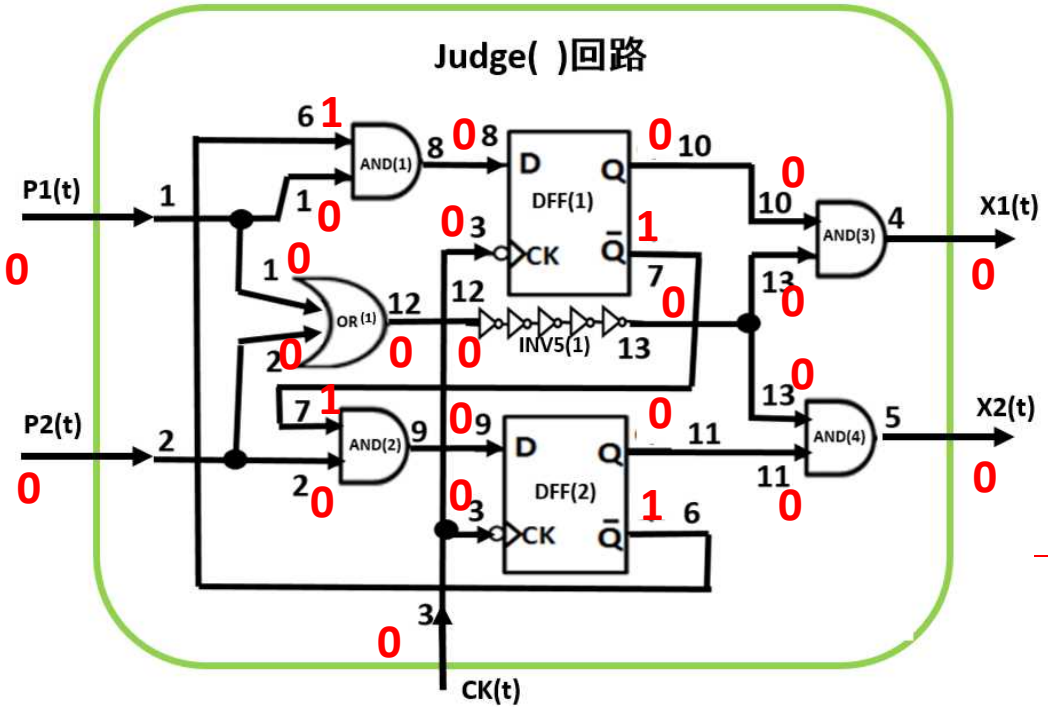
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10039.4



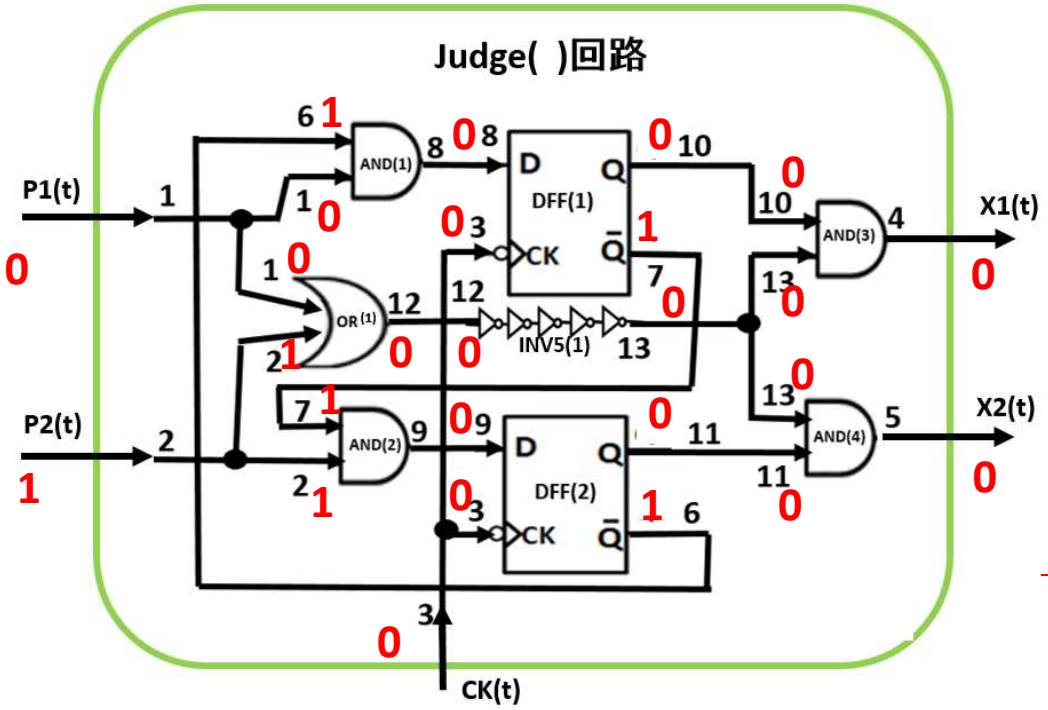
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10040.0



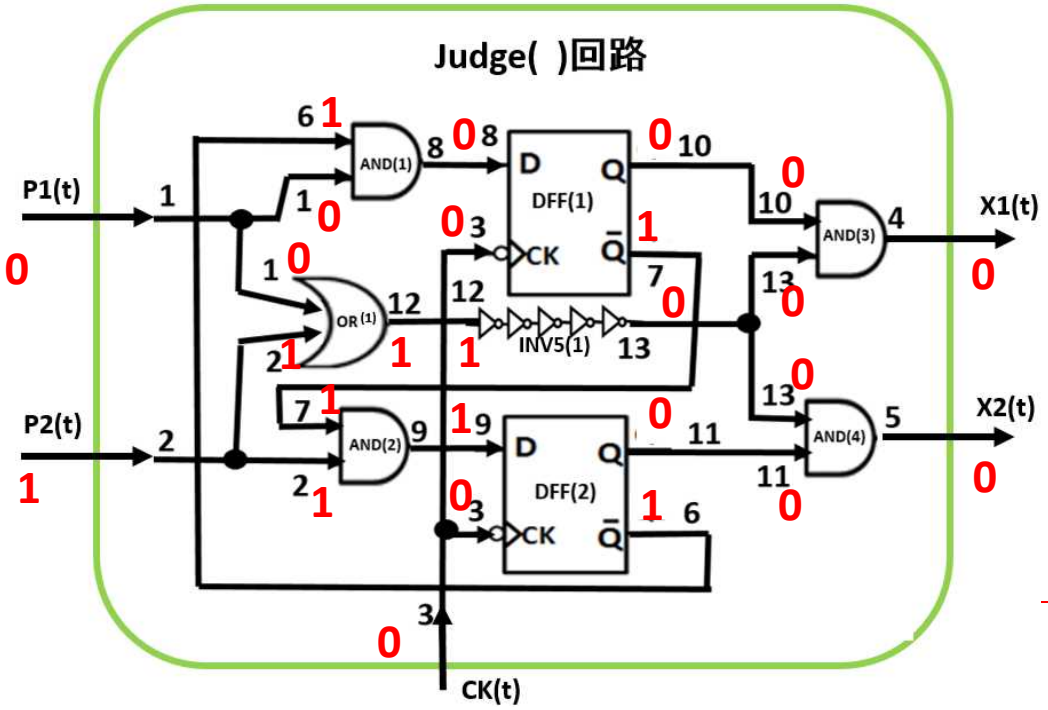
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10040.1



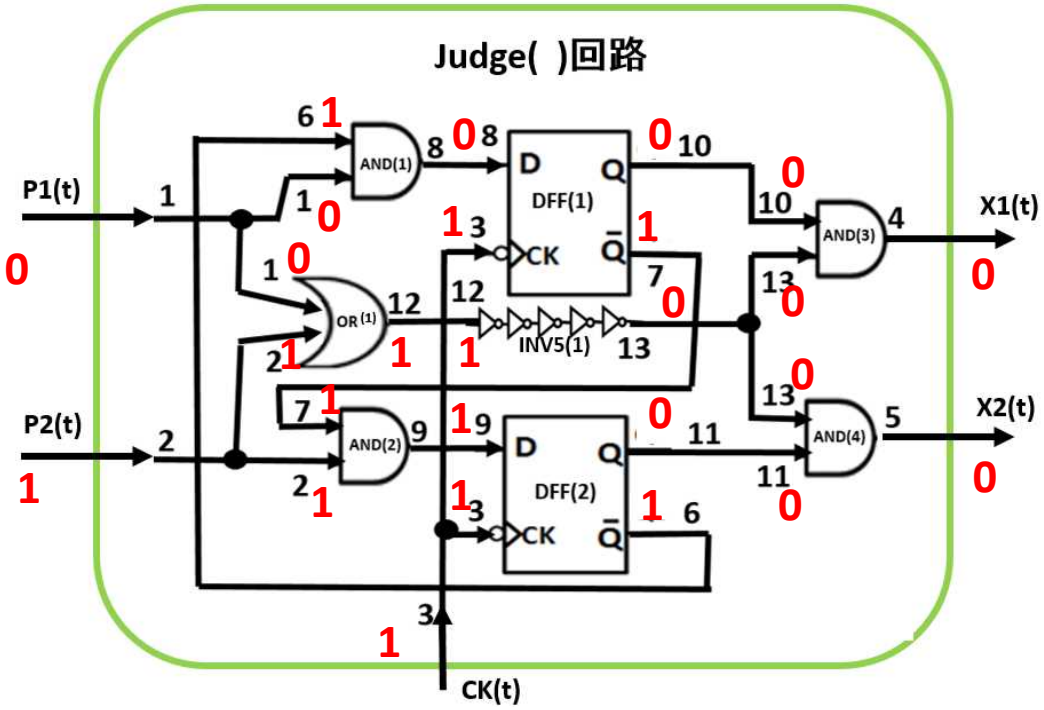
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10041.0



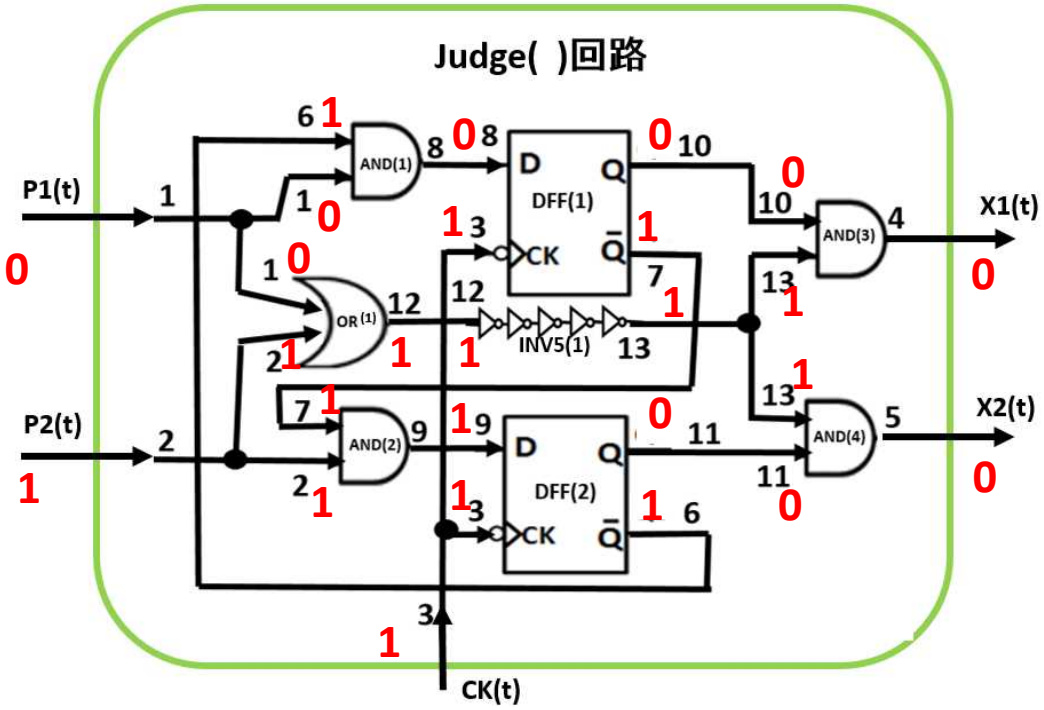
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10041.3

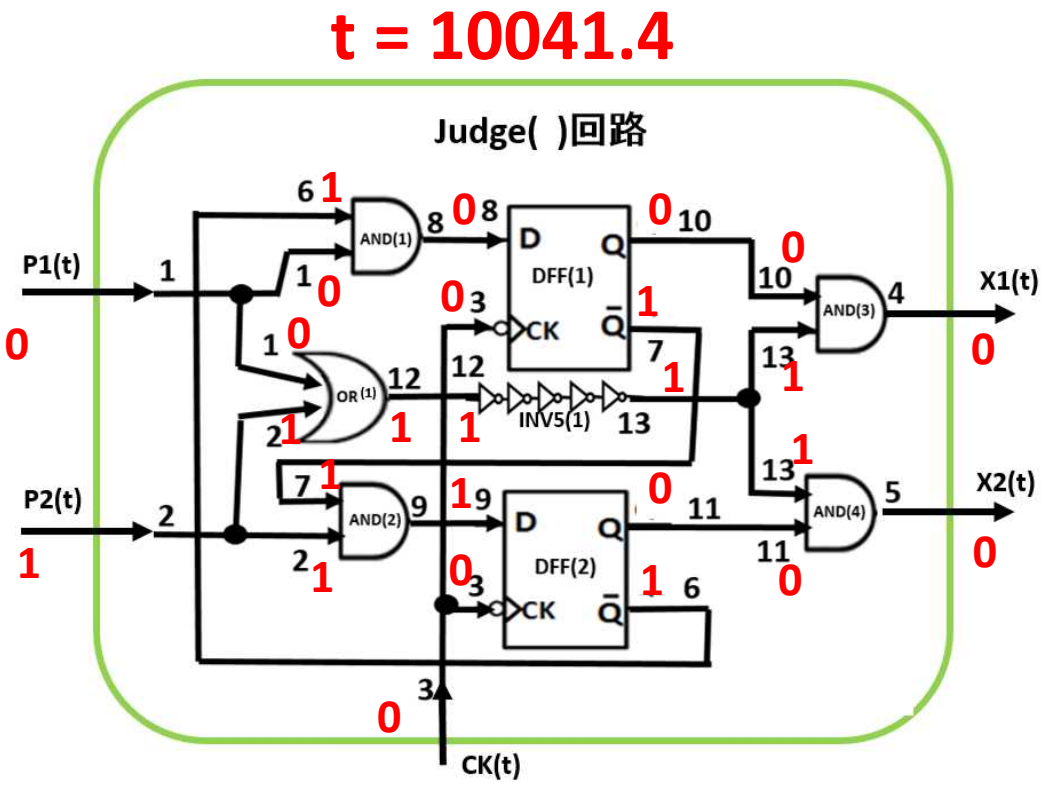


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51



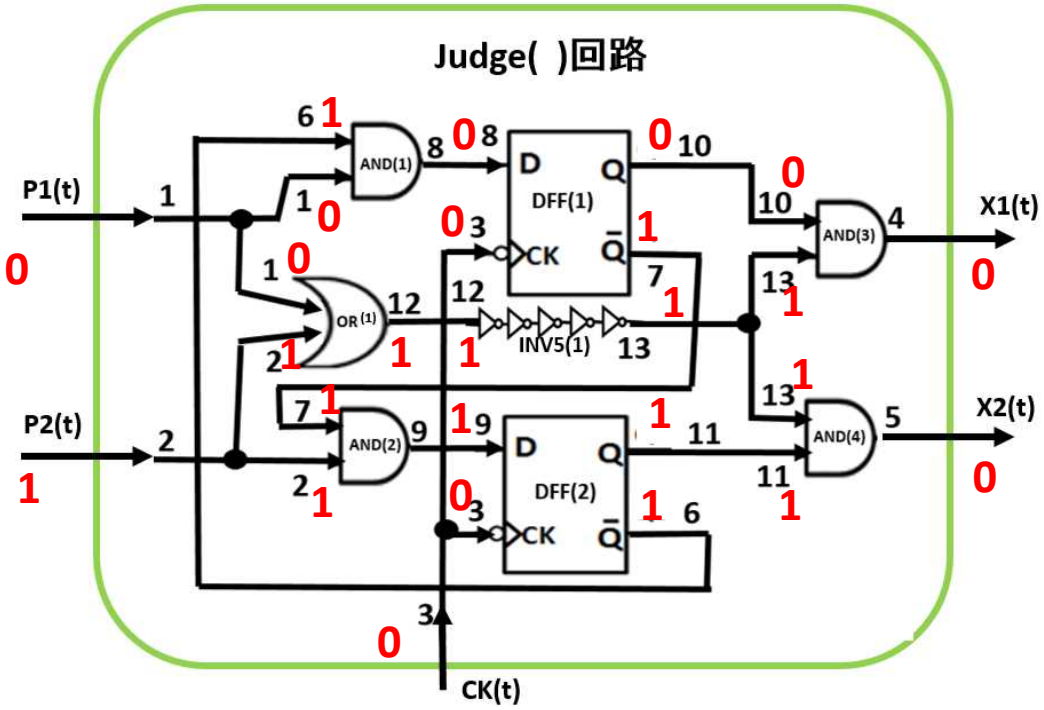
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10041.7



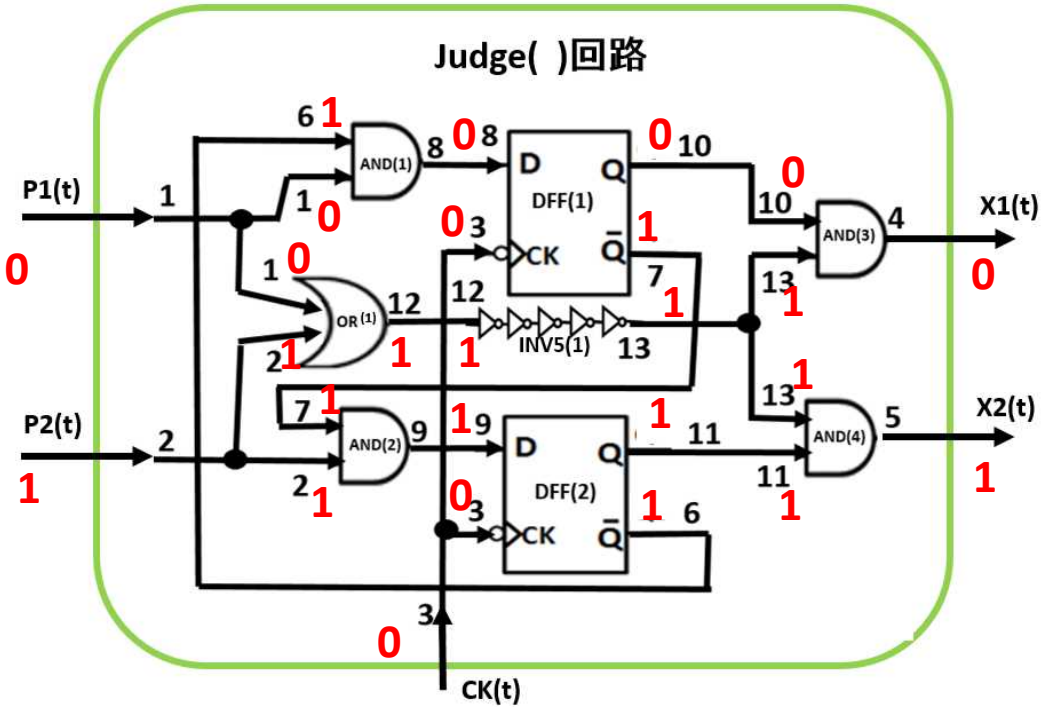
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10041.8



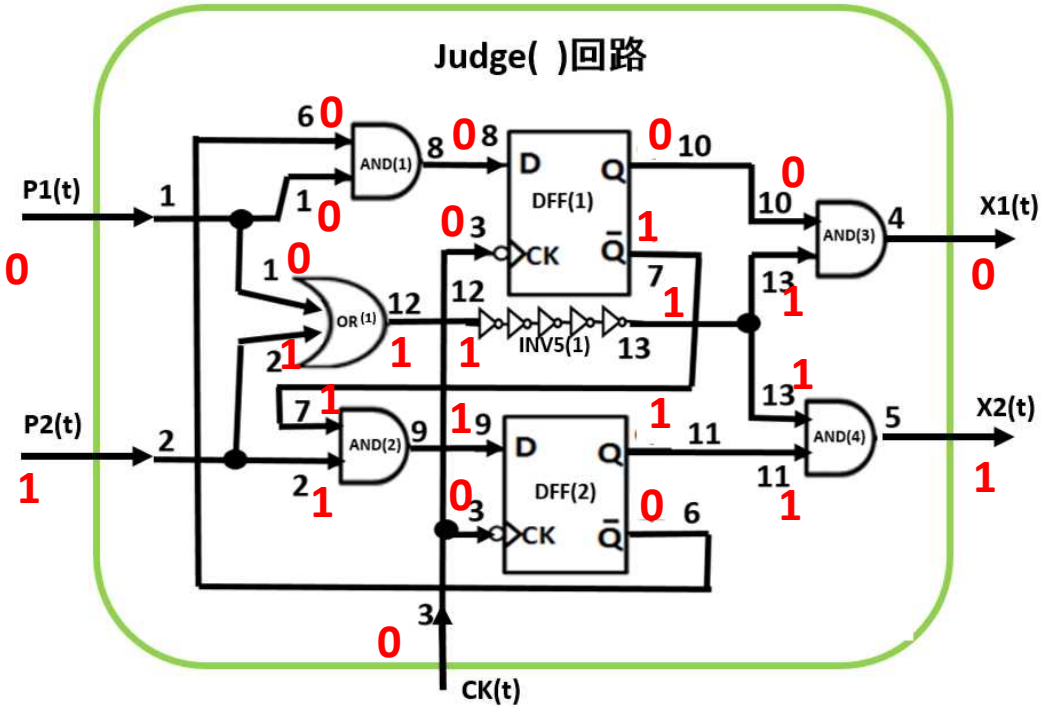
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10041.9



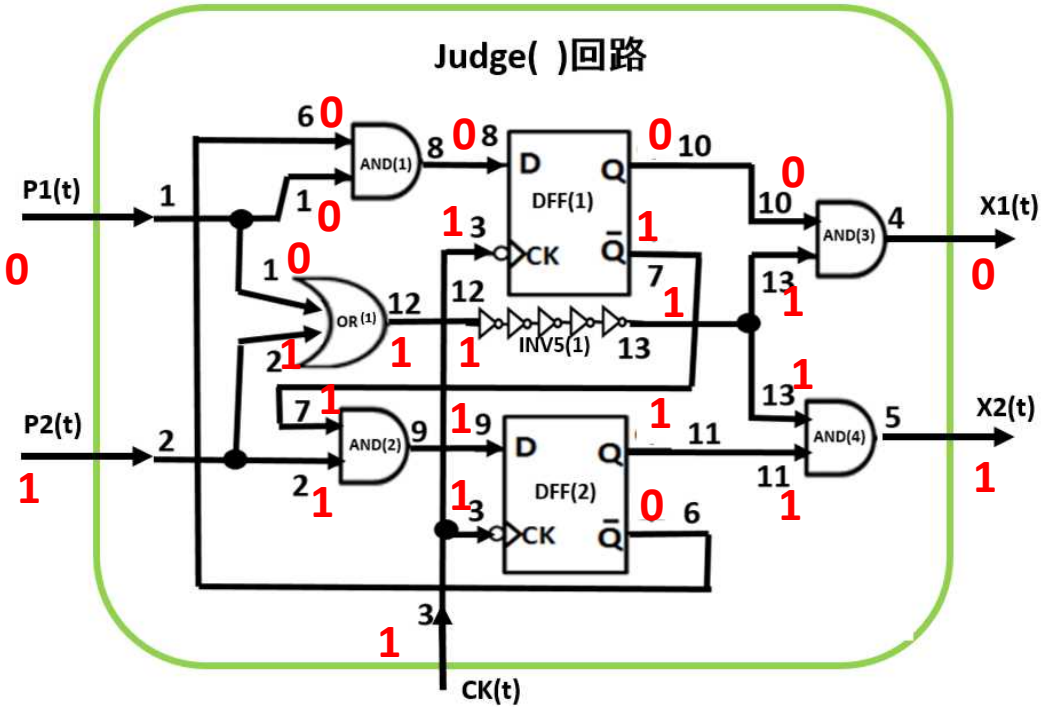
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10043.0

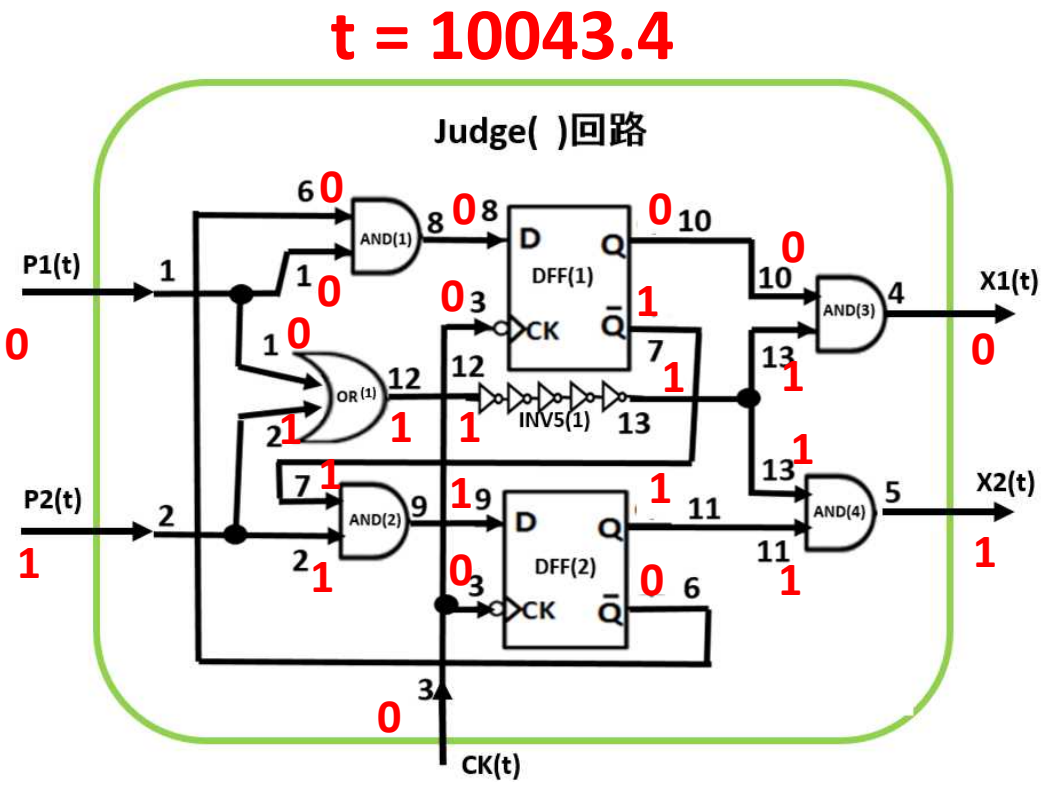


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51



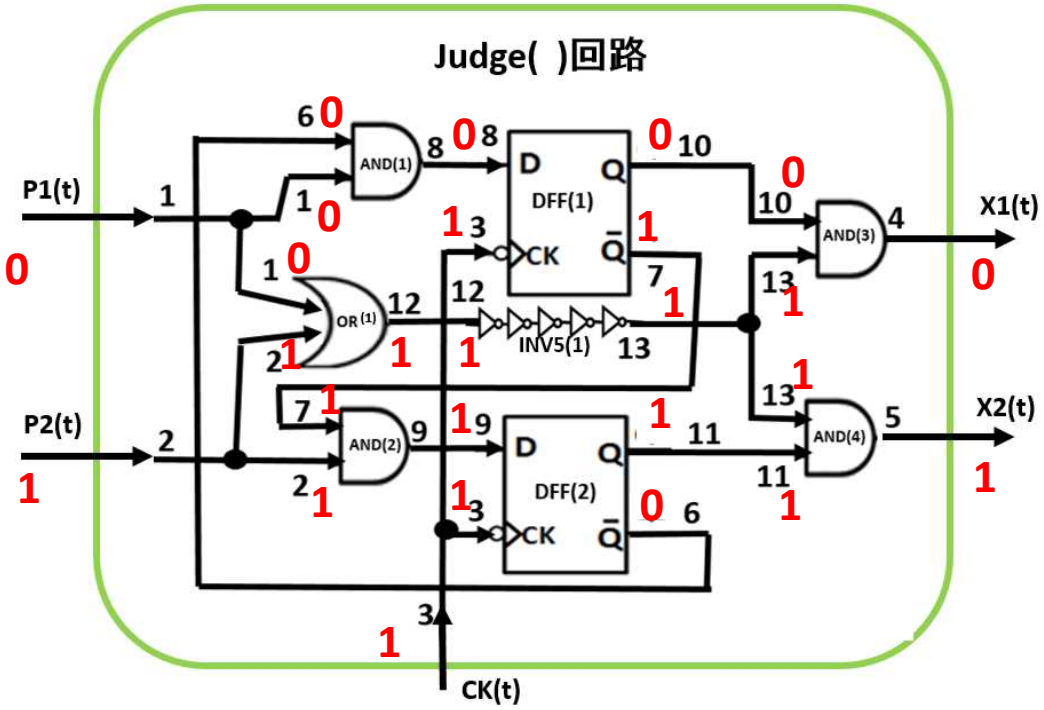
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10045.0



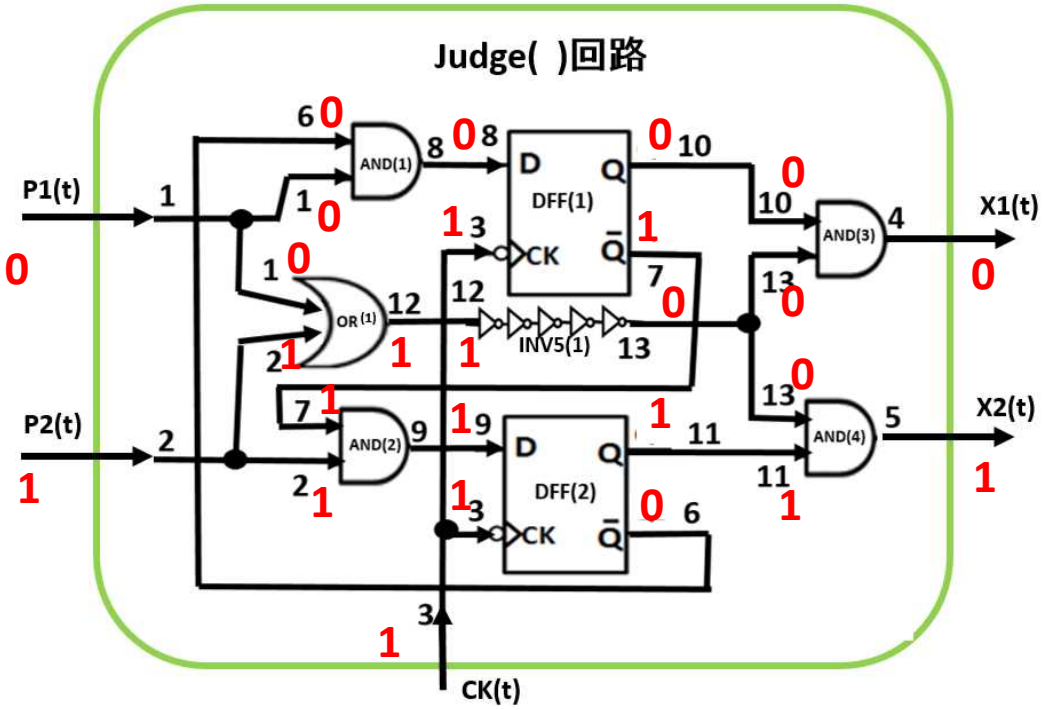
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10045.3



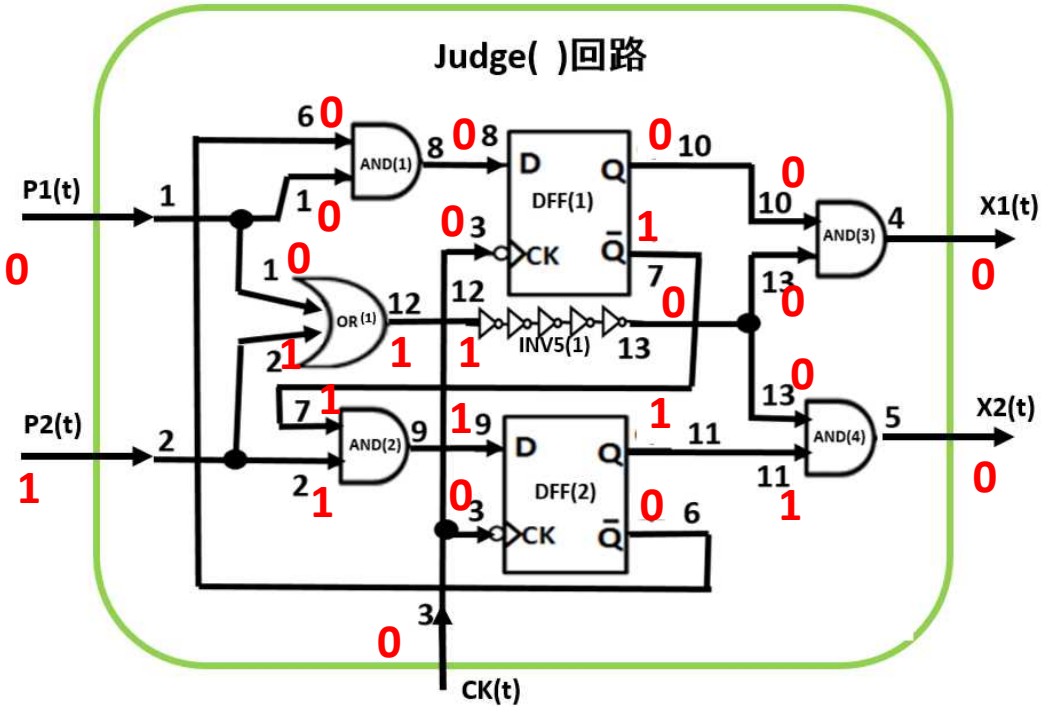
**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

t = 10045.4

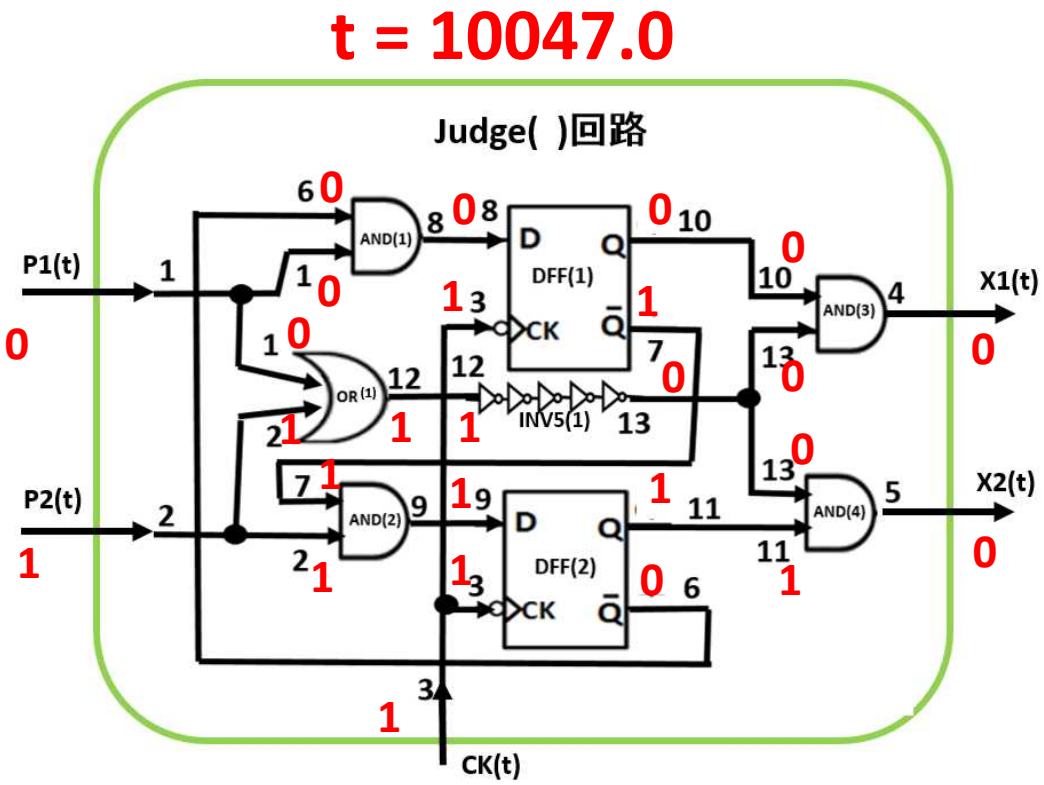


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 51

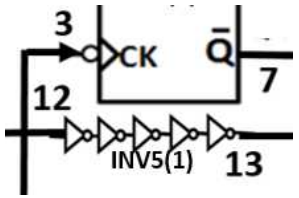


**** the nuumber of inverters in INV5( ) = Ninv = 51 ***

********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5( ) = Ninv= 5



When t=①
入室を検出

When t=⑤
退室を検出

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

Pulse1 (t)

T1

T1

t

Pulse2 (t)

T2

T2

t

Δt

X1(t)

t

Δt

X2(t)

t

t[n]

t[n]+T1

t[n+1]

t[n+1]+T2

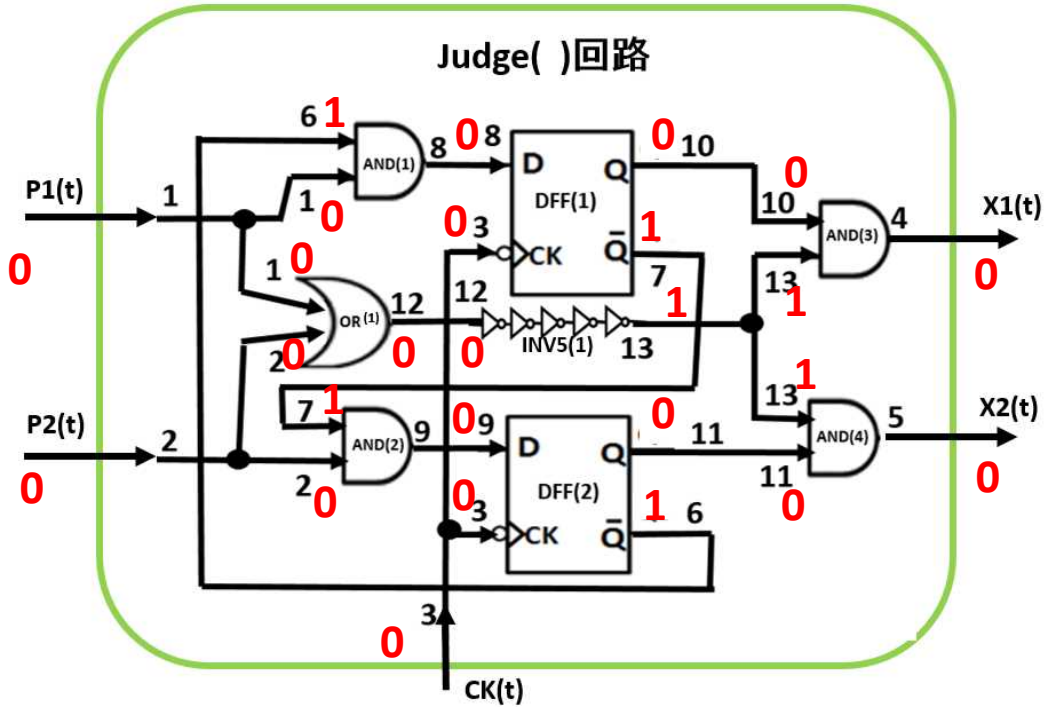
t[n]+Δt

t[n]+Δt+T2

t[n+1]+Δt

t[n+1]+Δt+T1

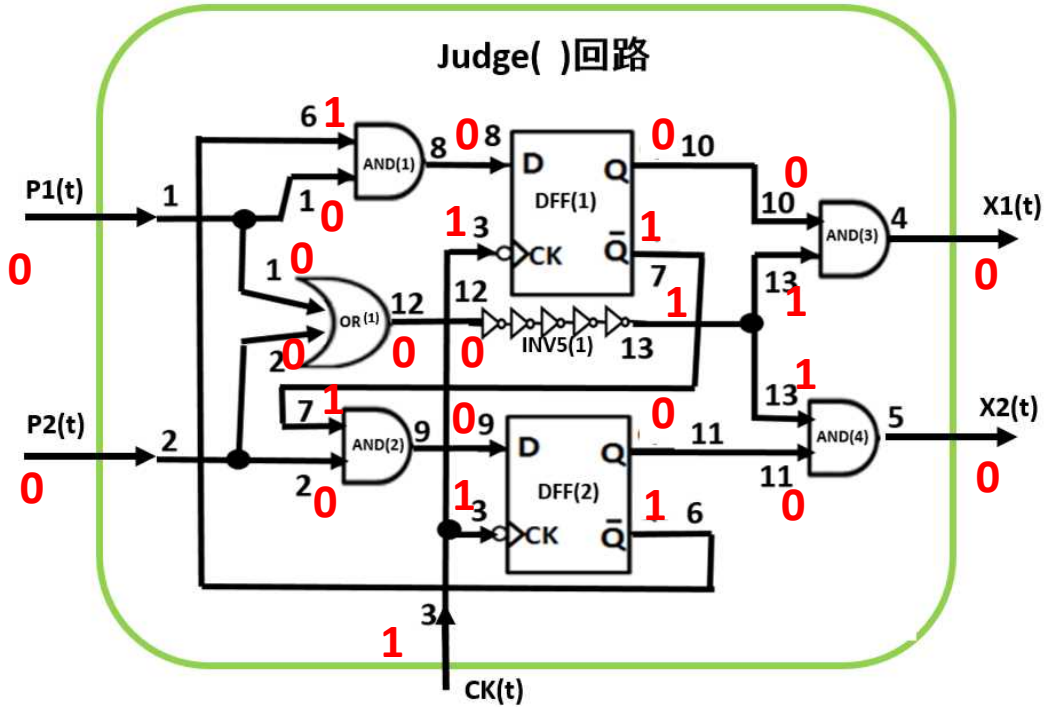
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

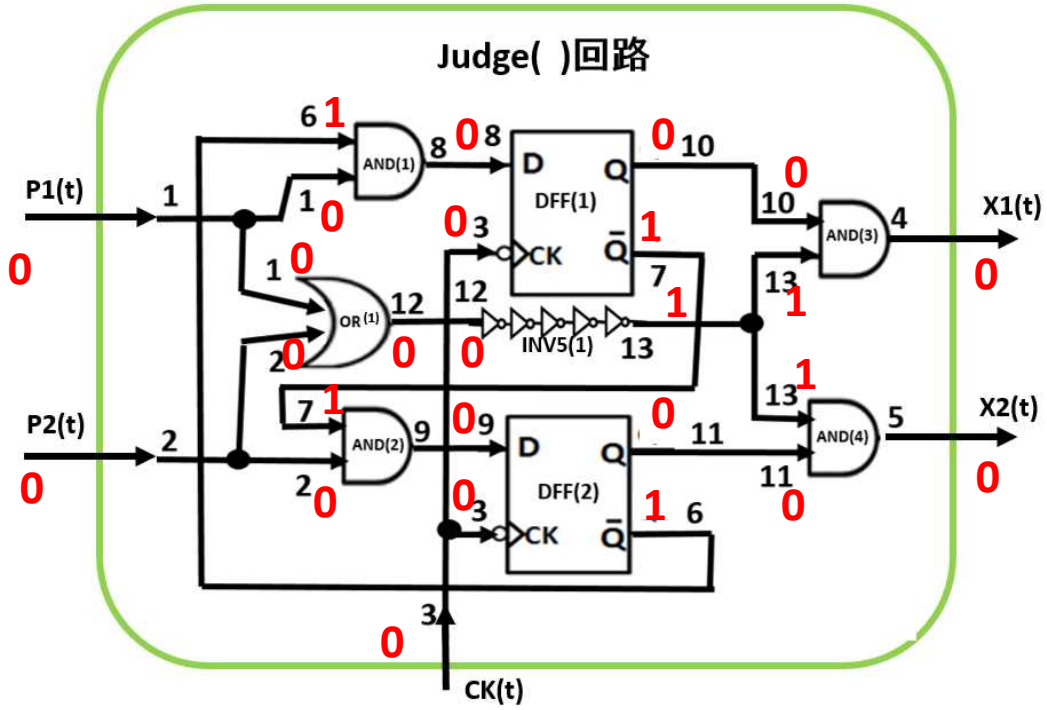
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

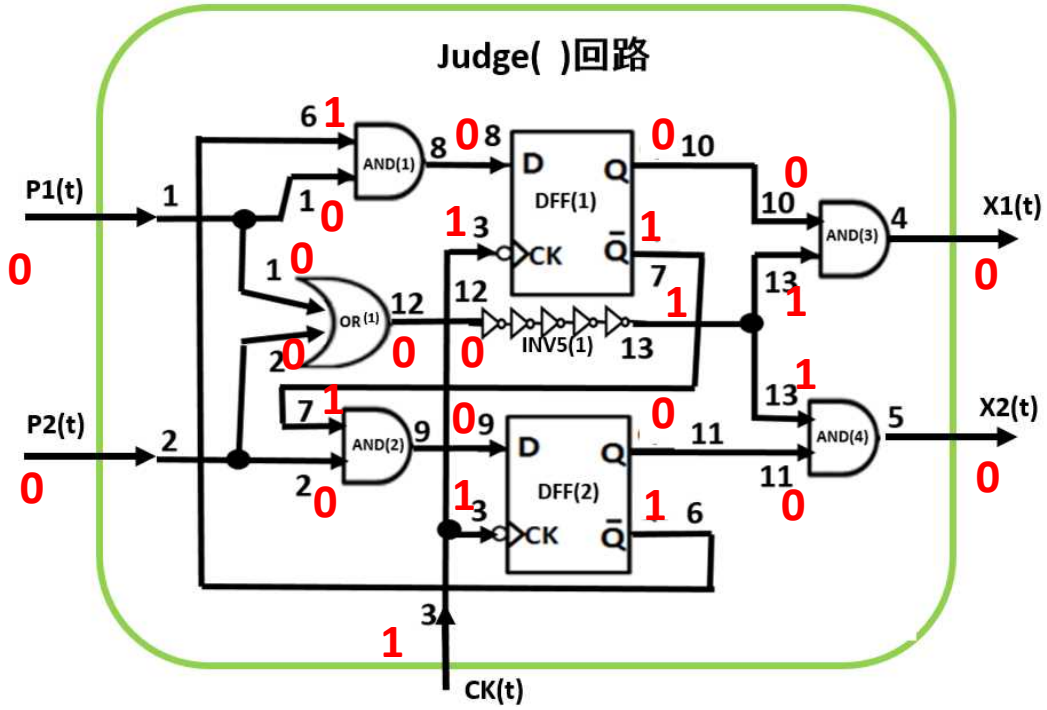
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

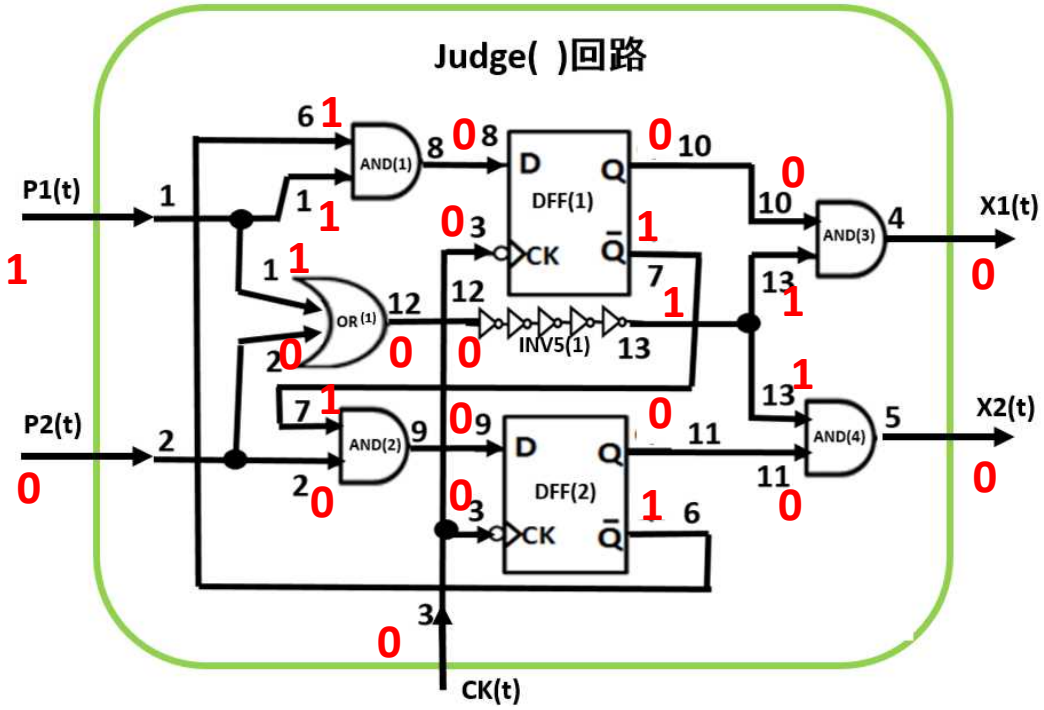
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

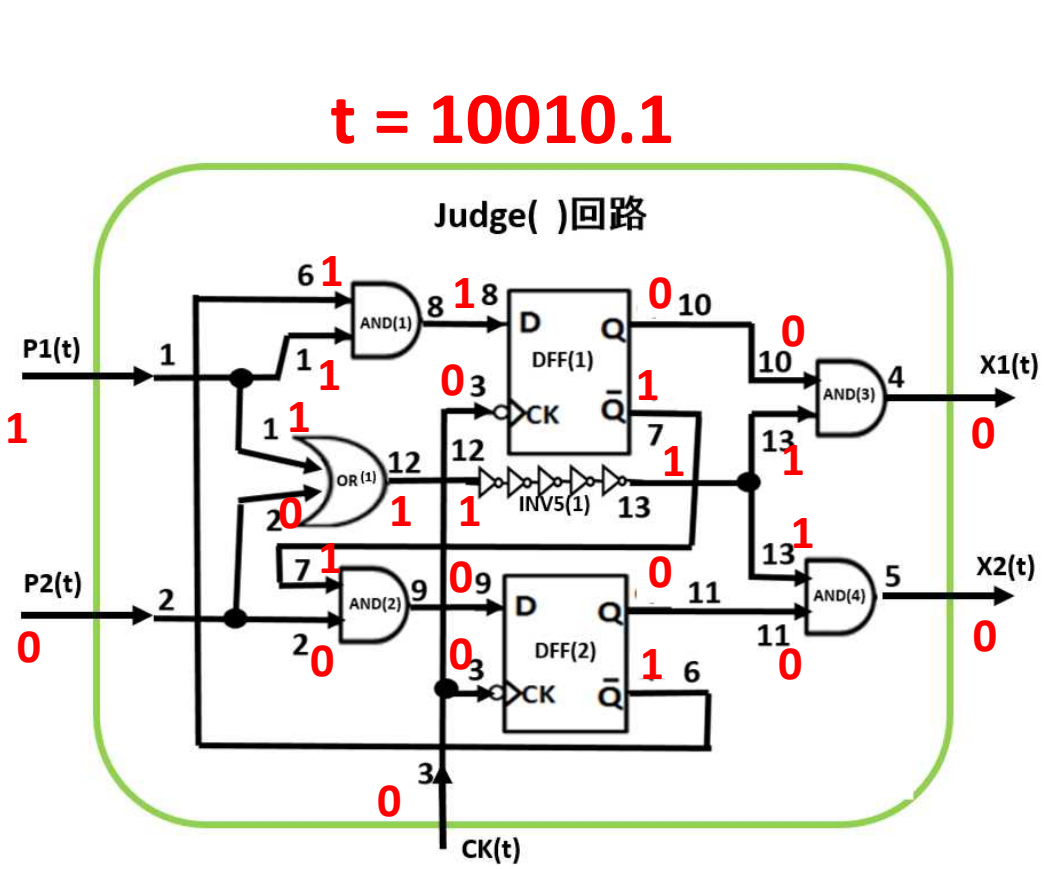
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

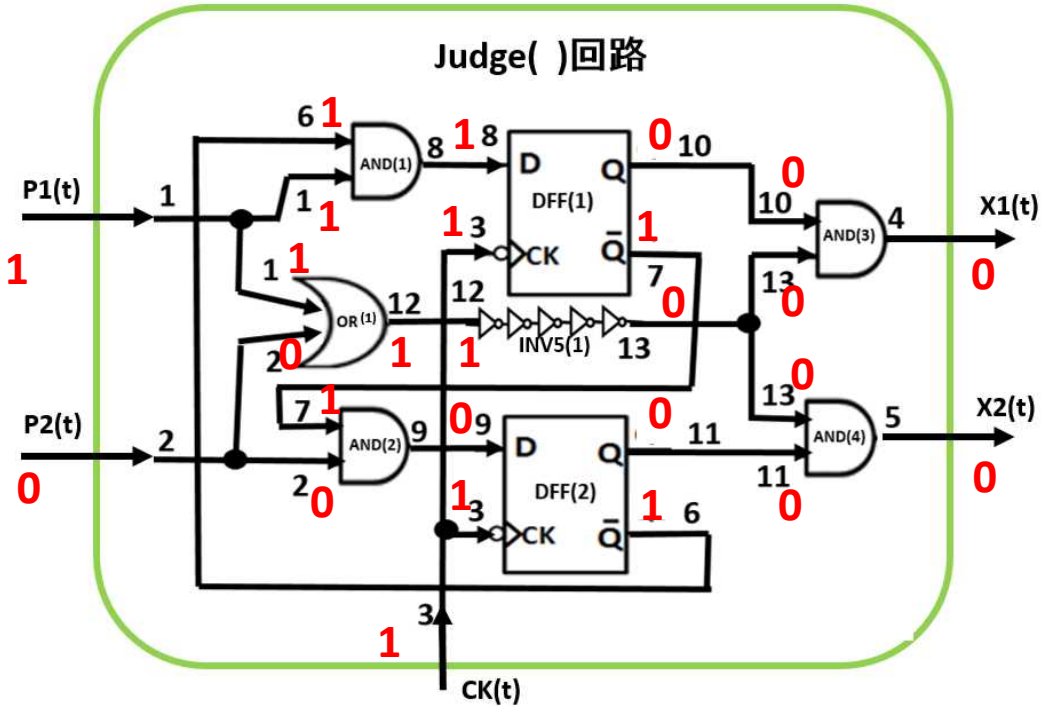
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

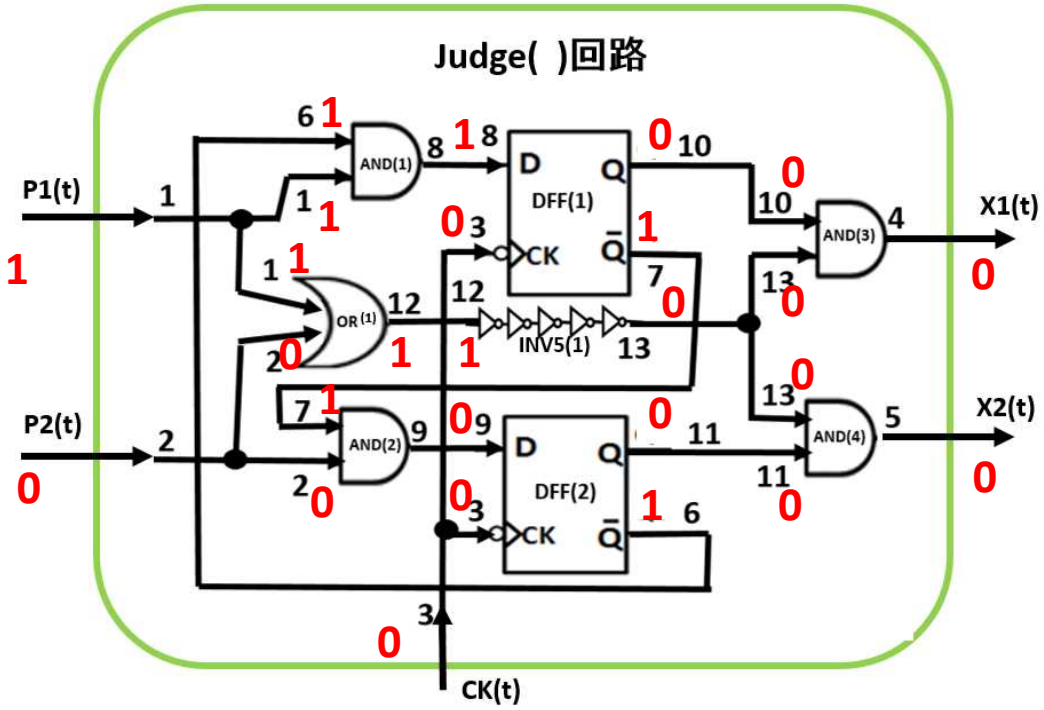
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

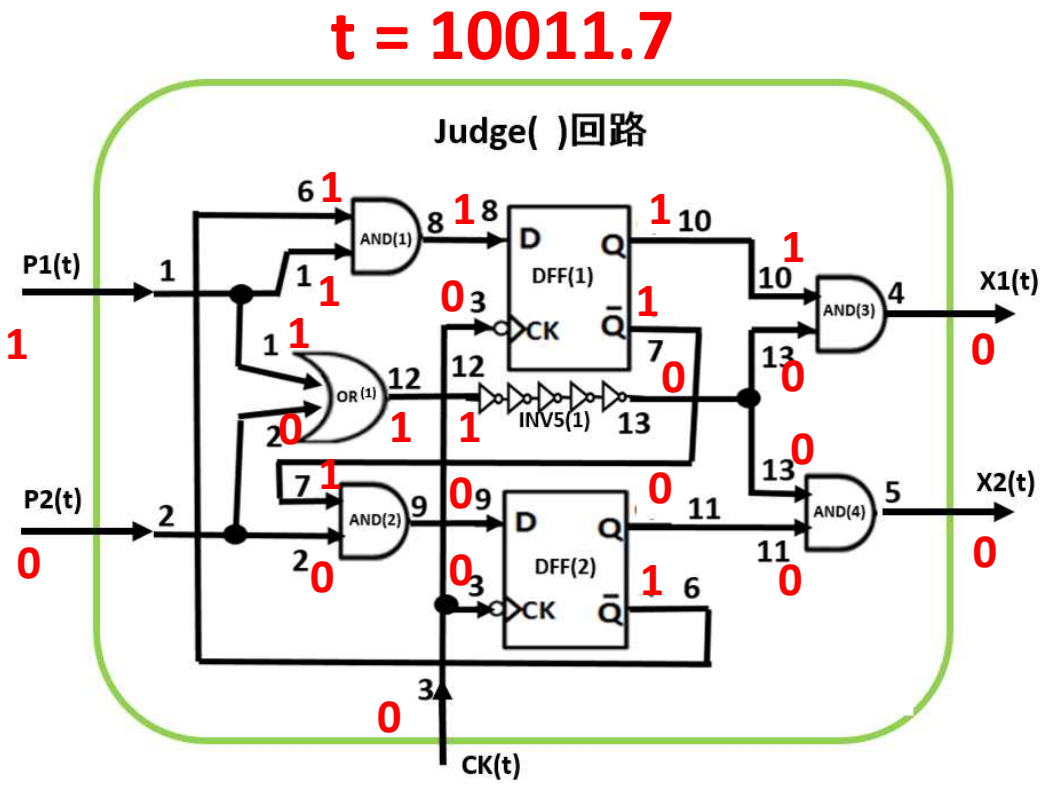
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 5

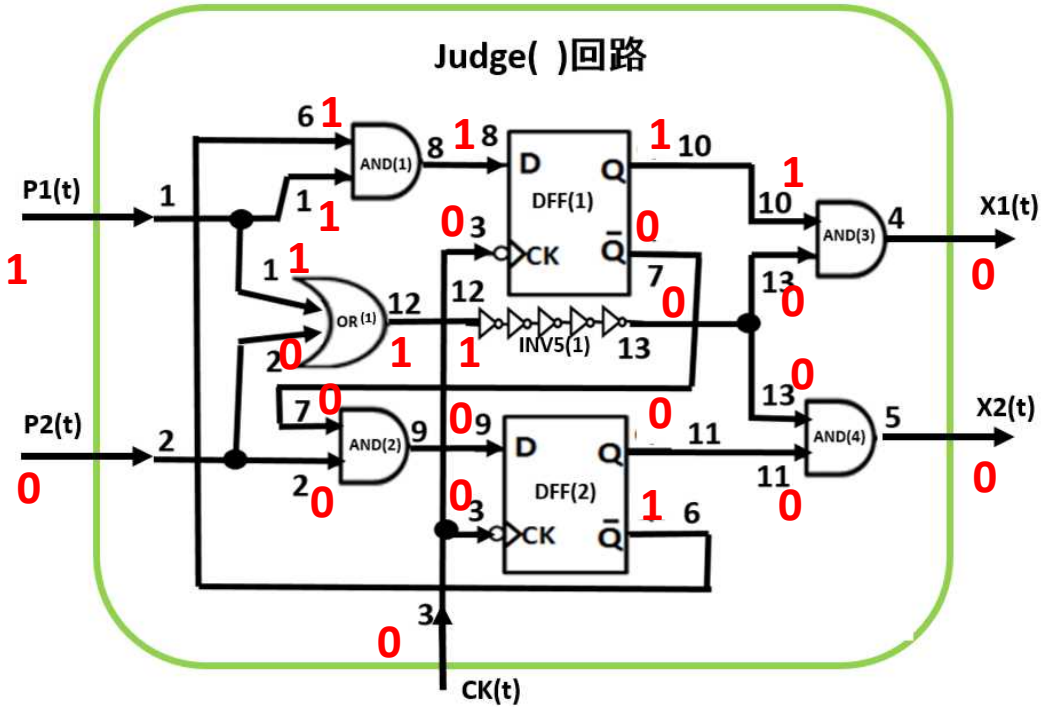


********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 5

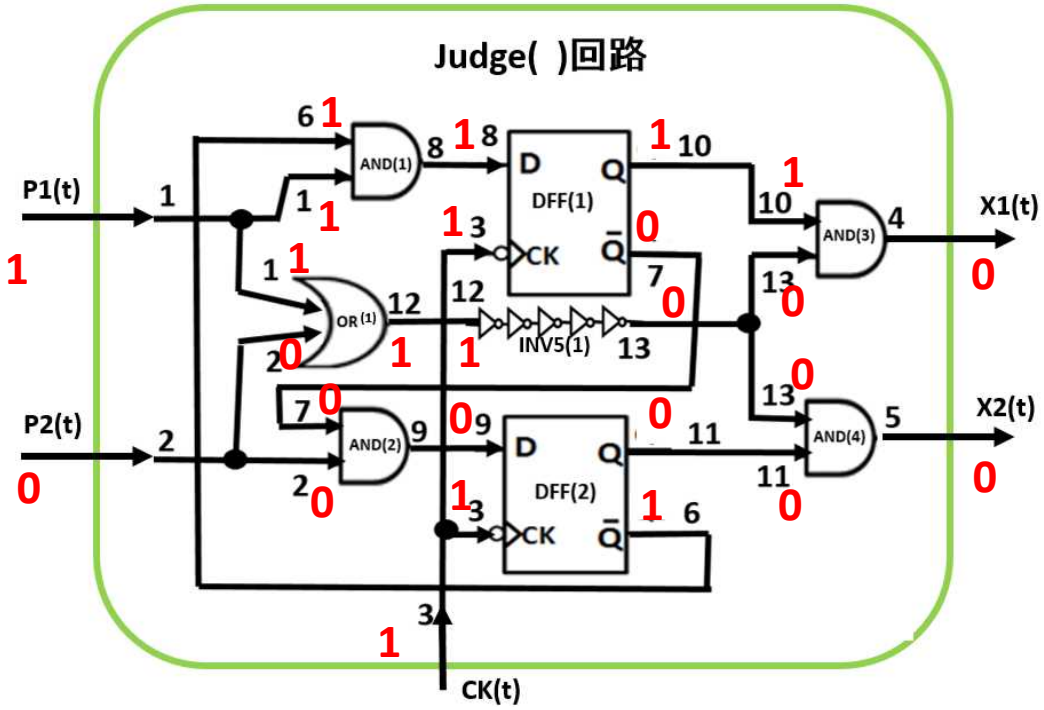
t = 10011.9



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

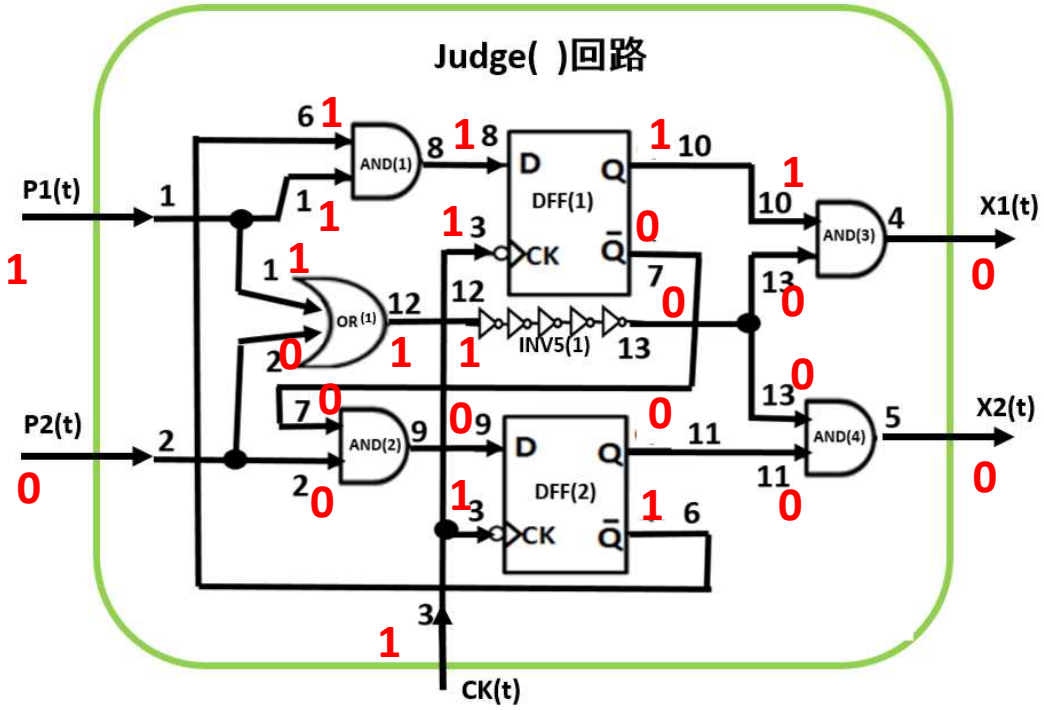
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

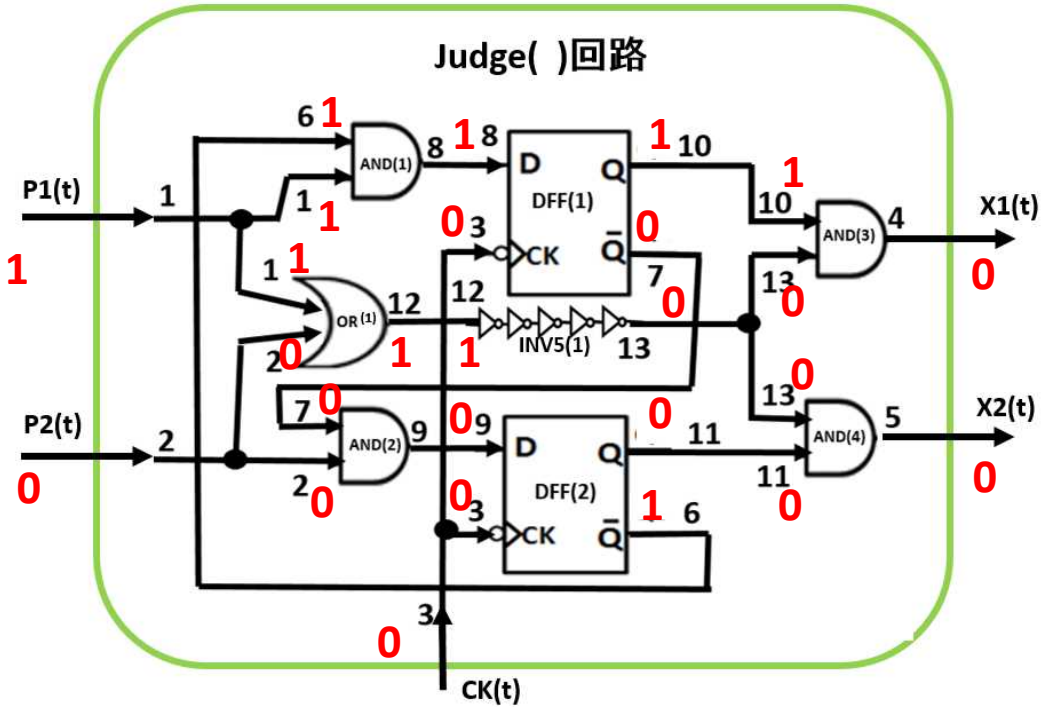
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

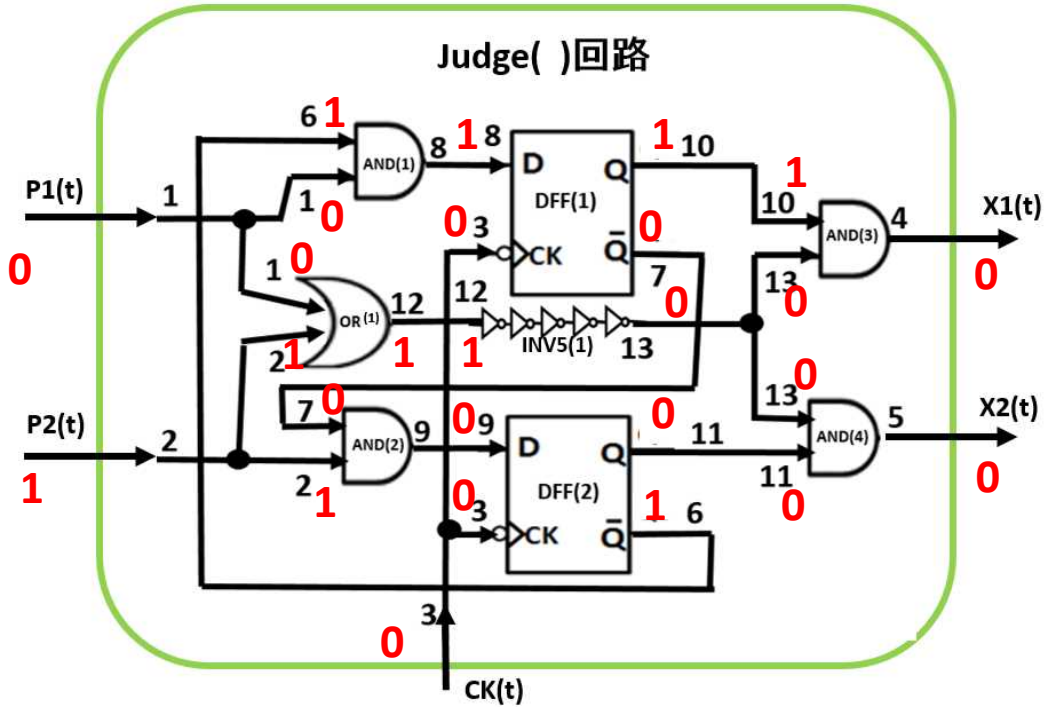
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5( ) = Ninv= 5

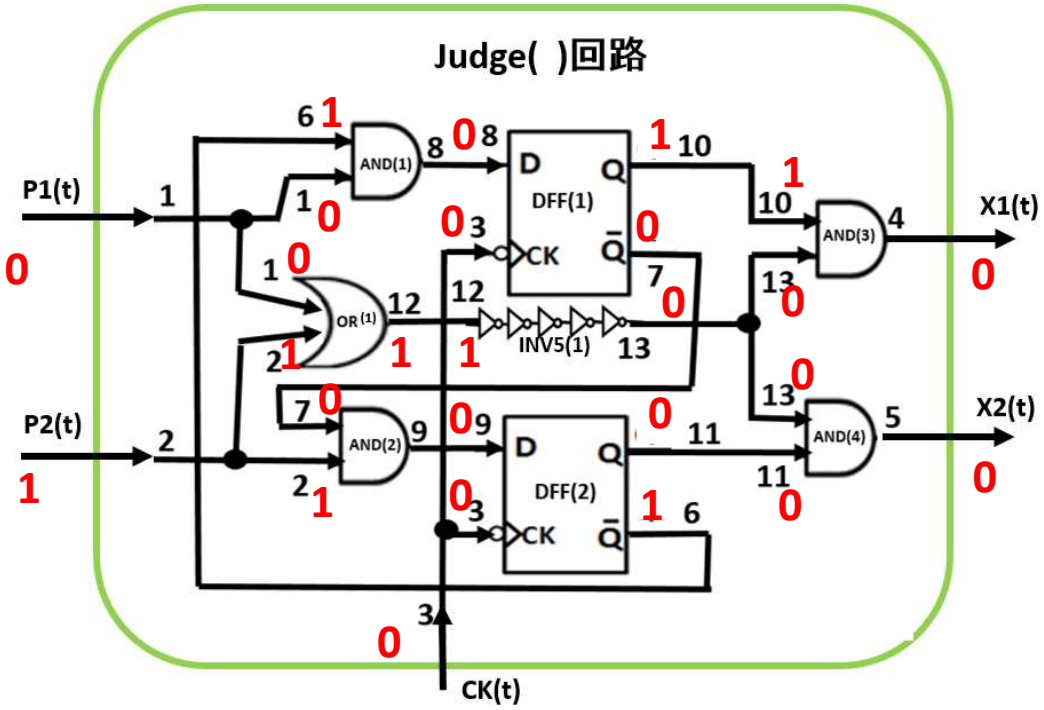


********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5( ) = Ninv= 5

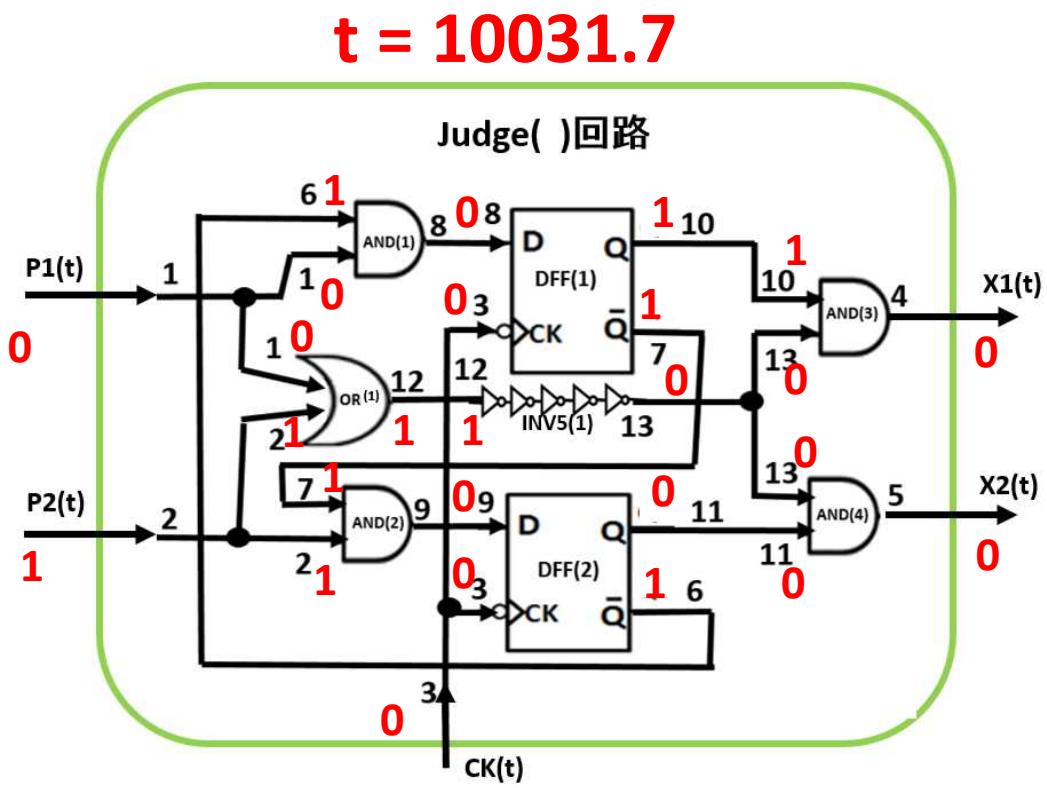
t = 10031.4



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

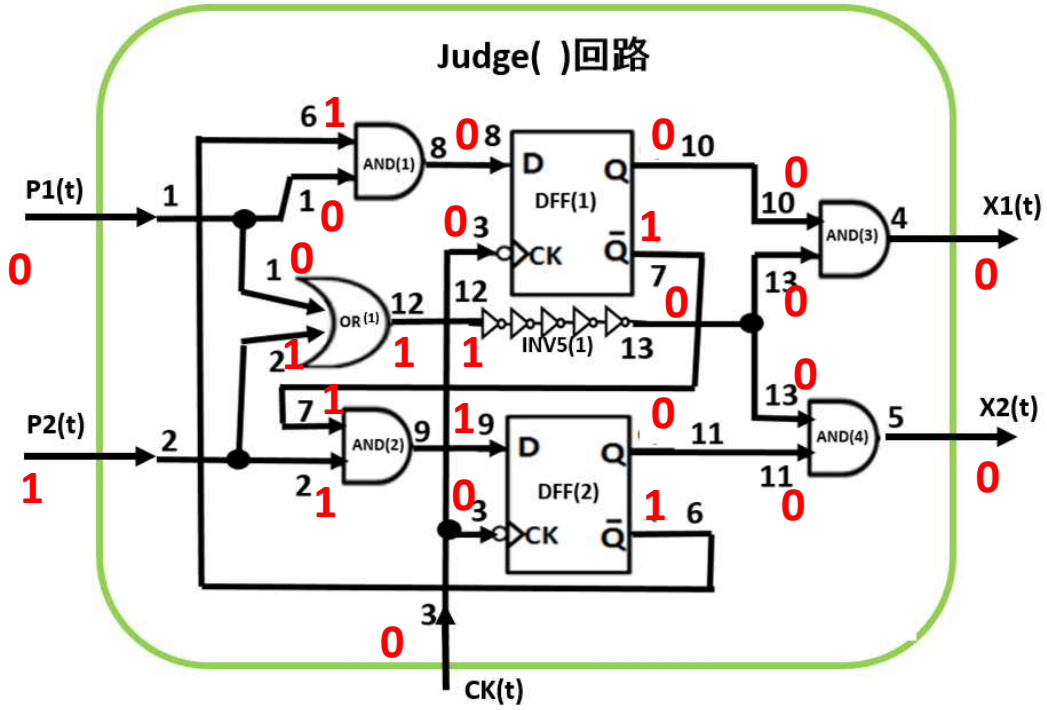
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

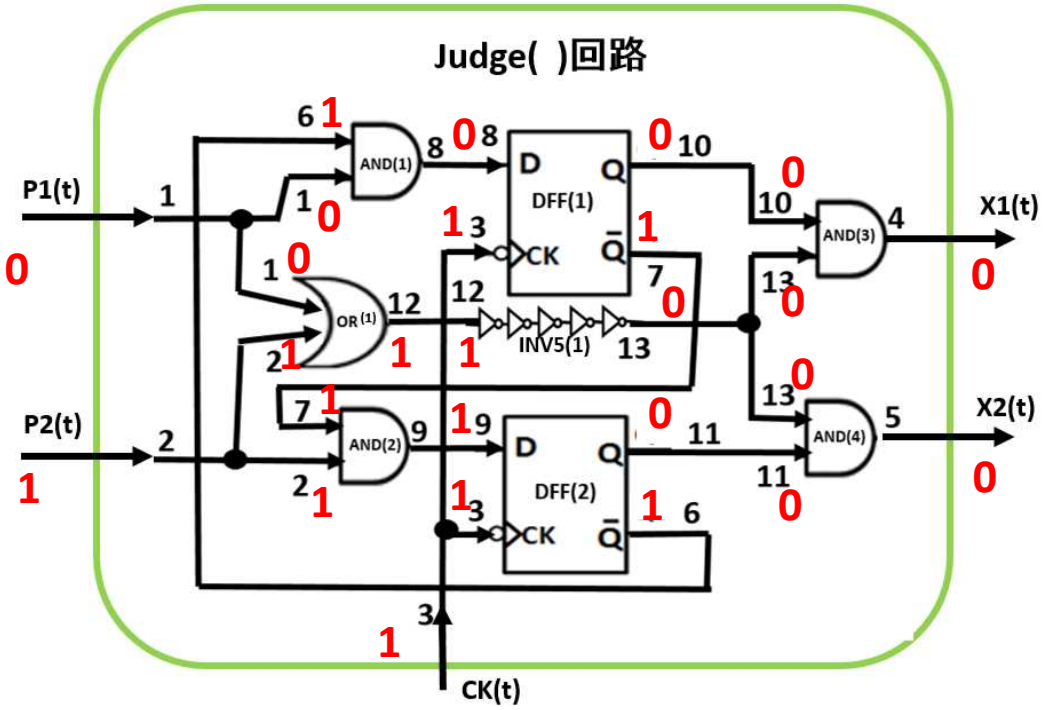
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

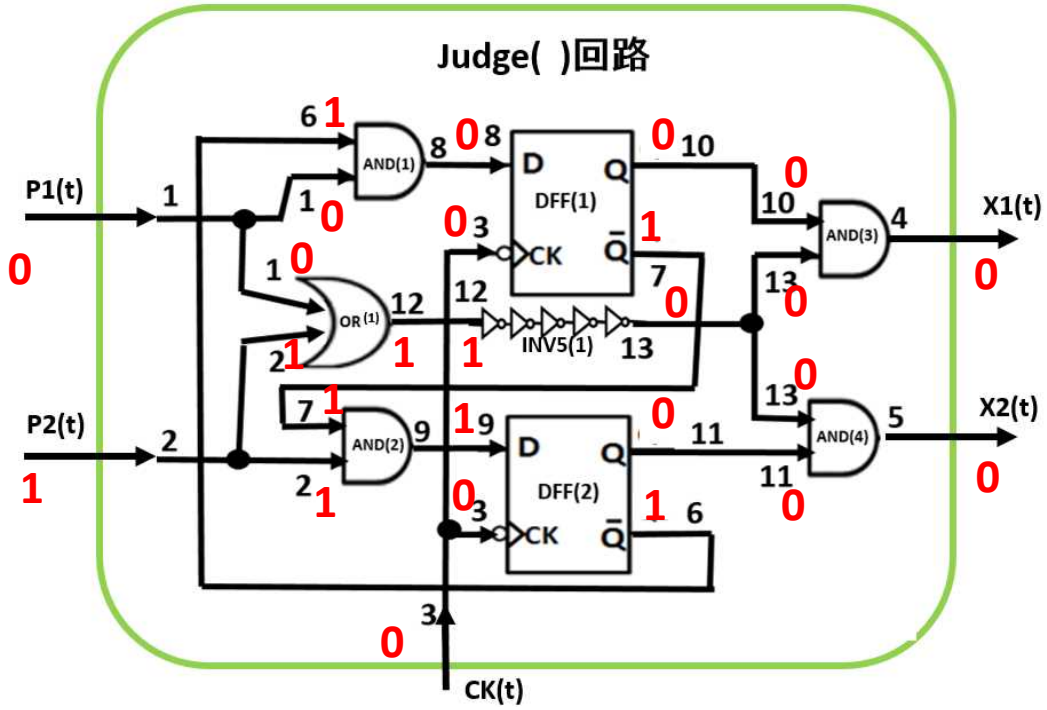
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

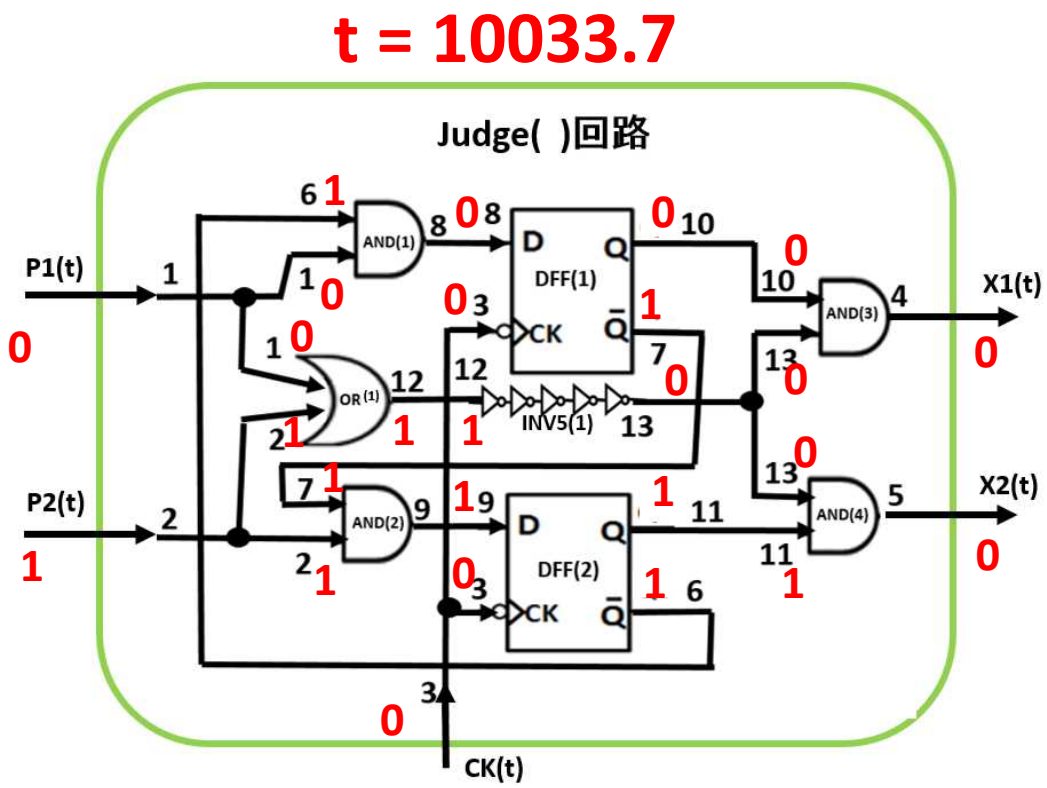
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

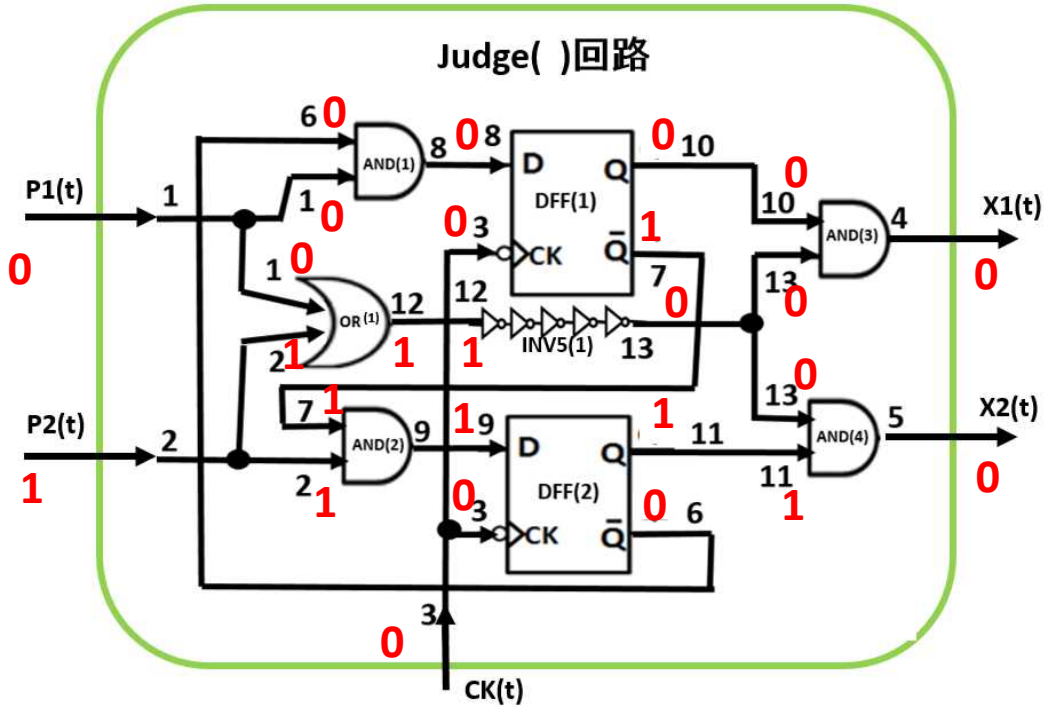
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

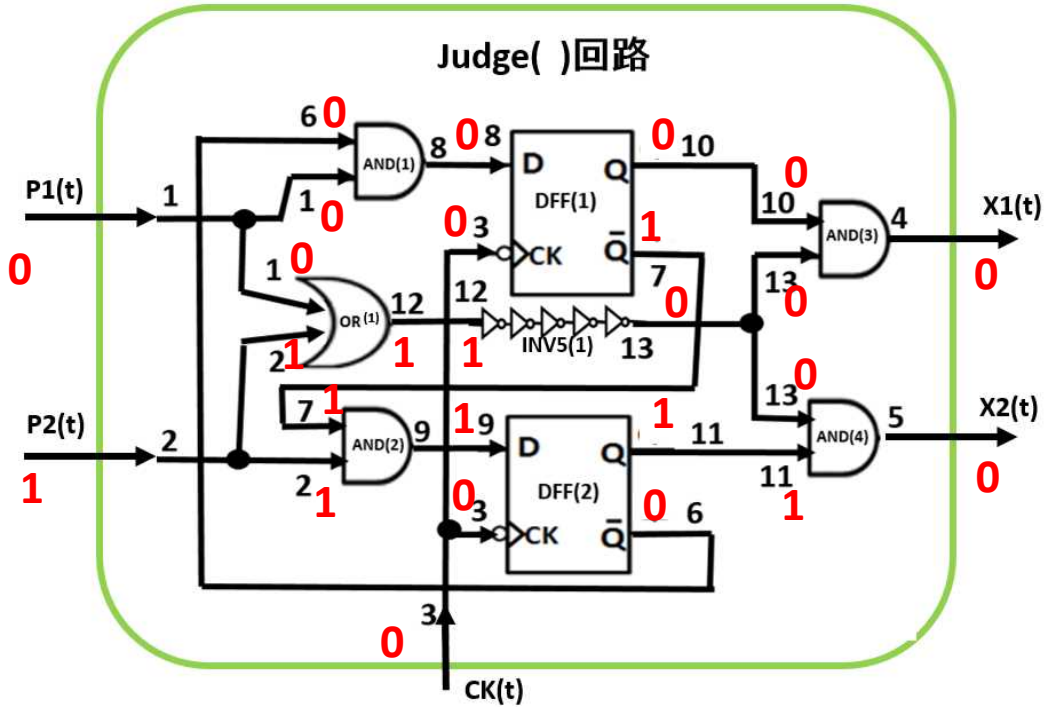
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

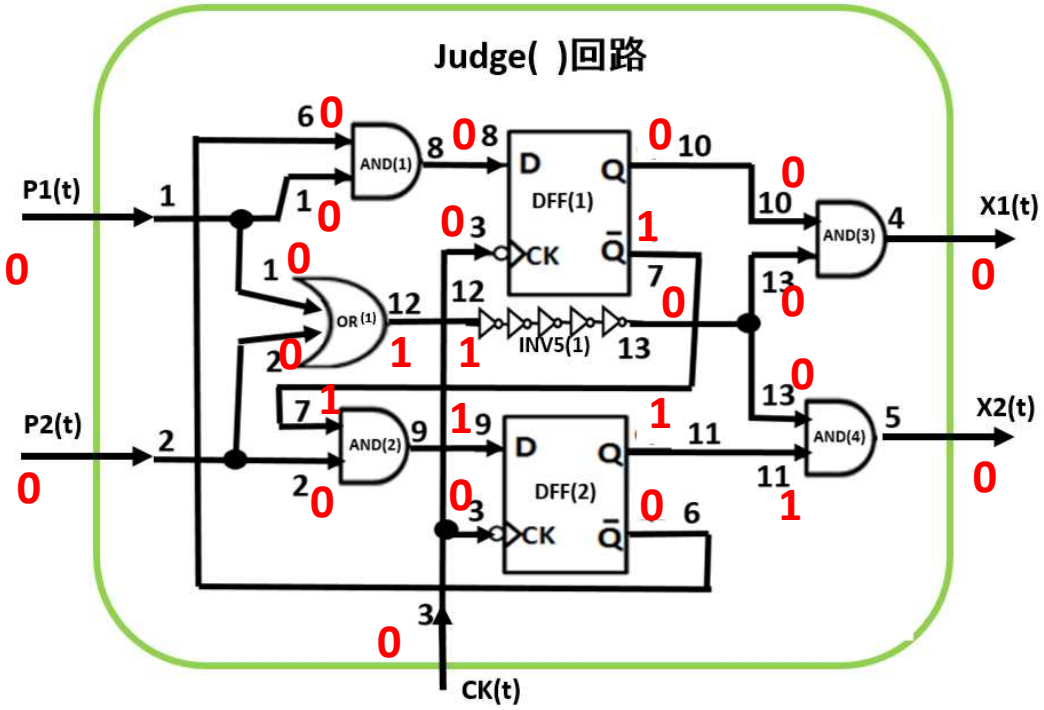
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

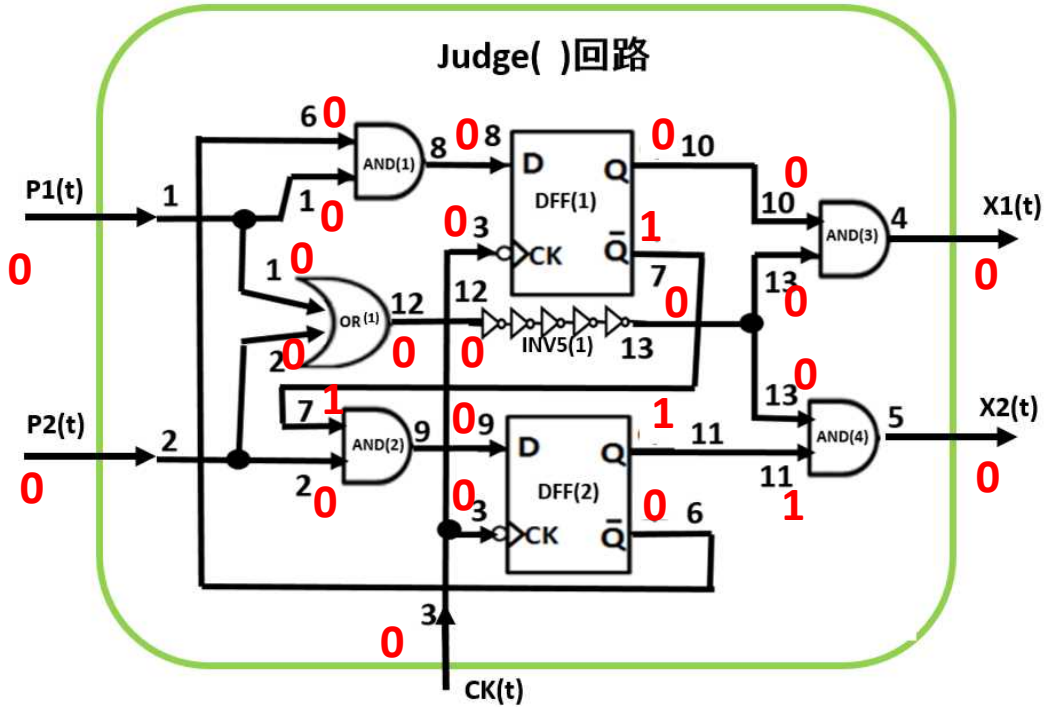
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5( ) = Ninv= 5

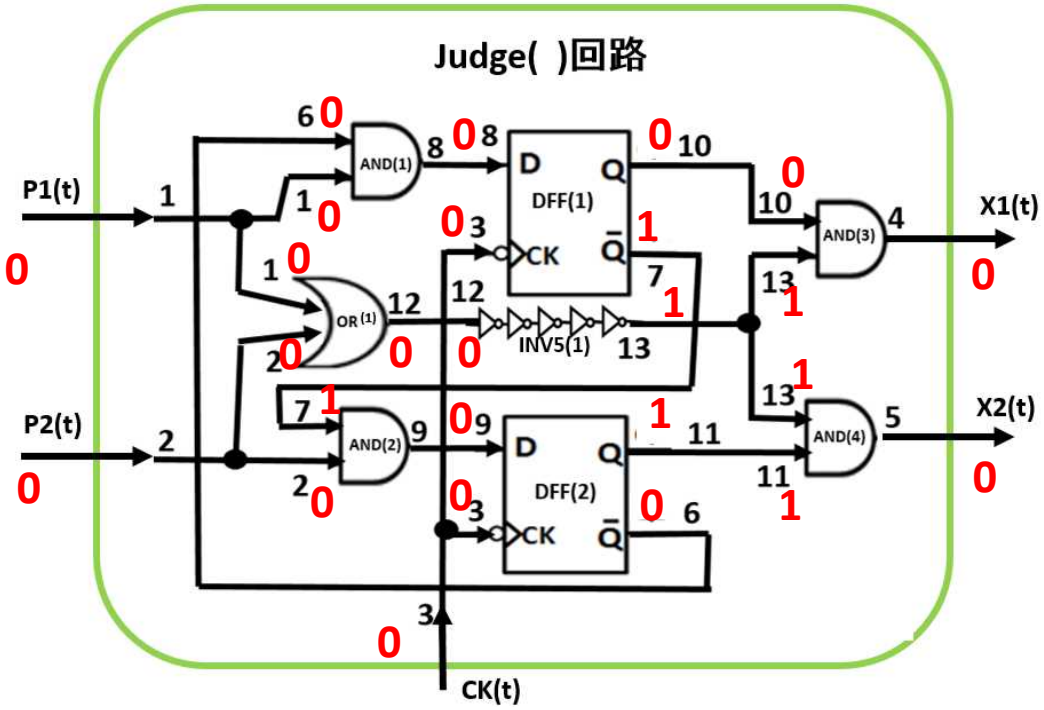


********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5( ) = Ninv= 5

t = 10036.7

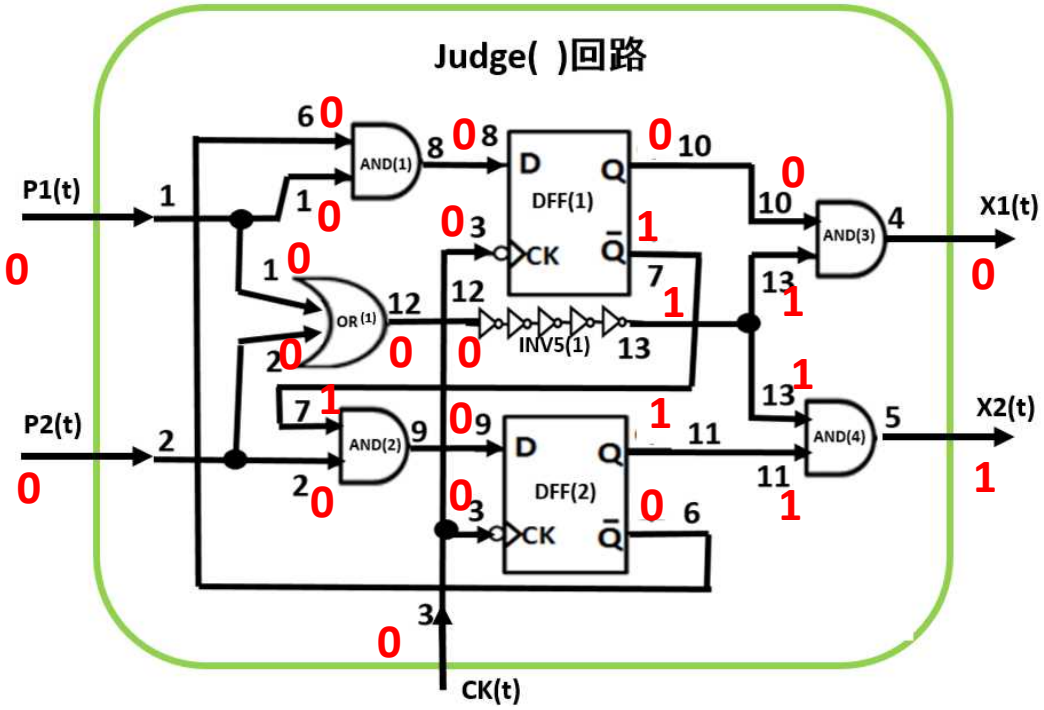


********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5( ) = Ninv= 5

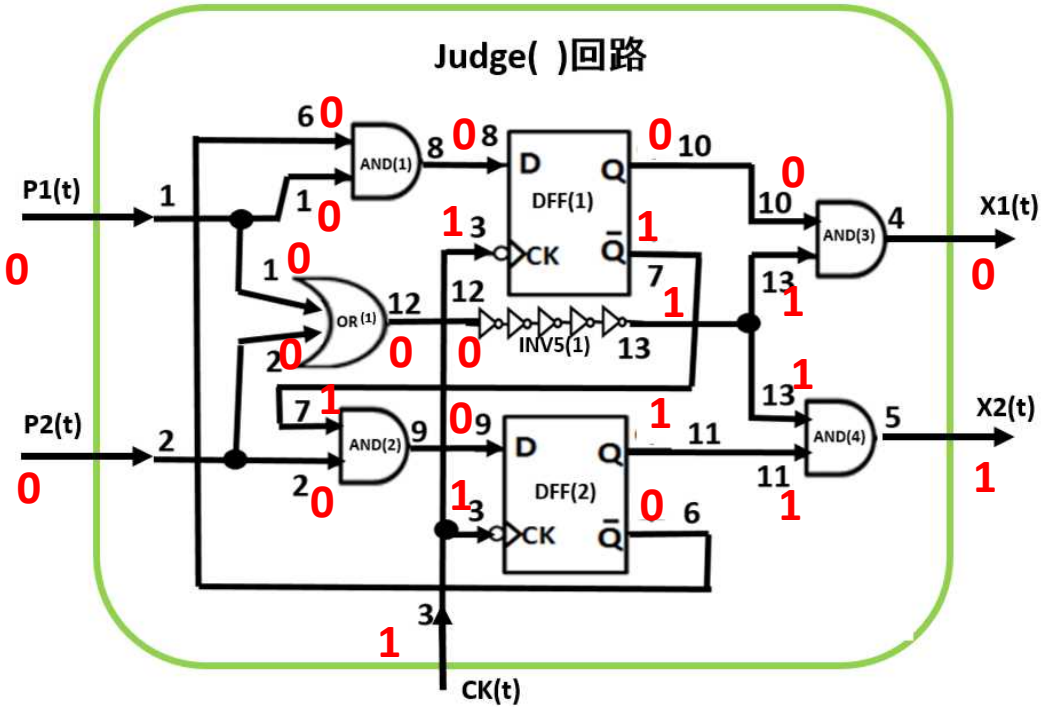
t = 10036.8



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

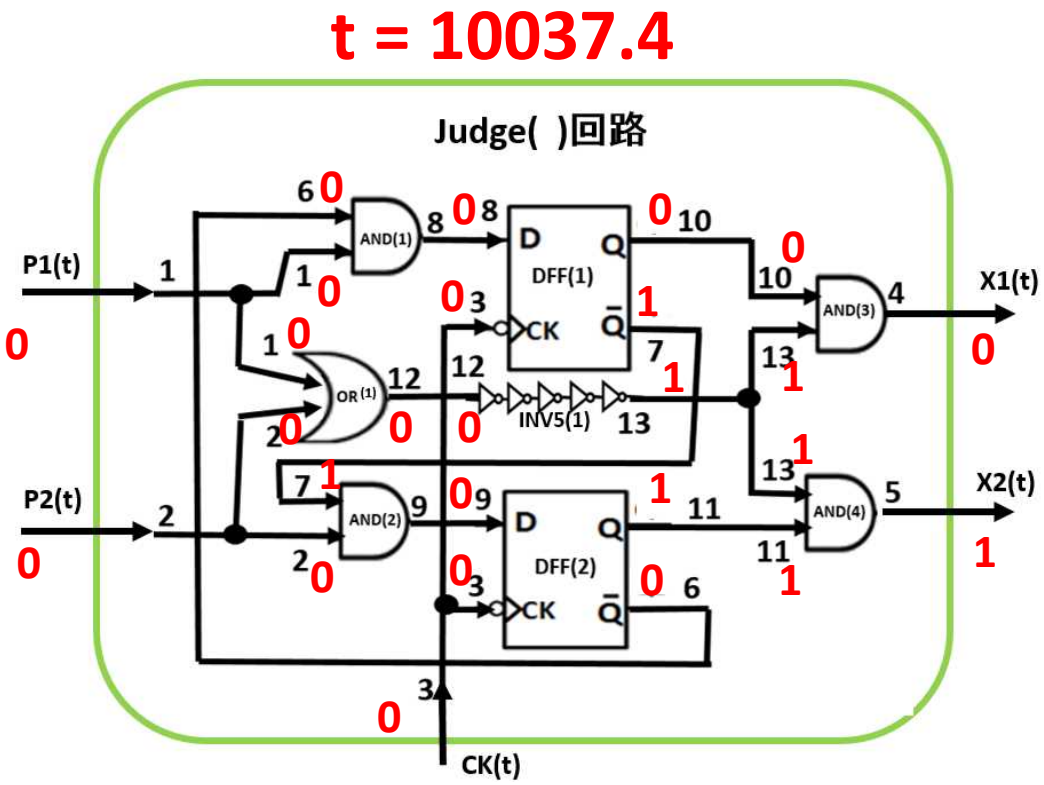
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

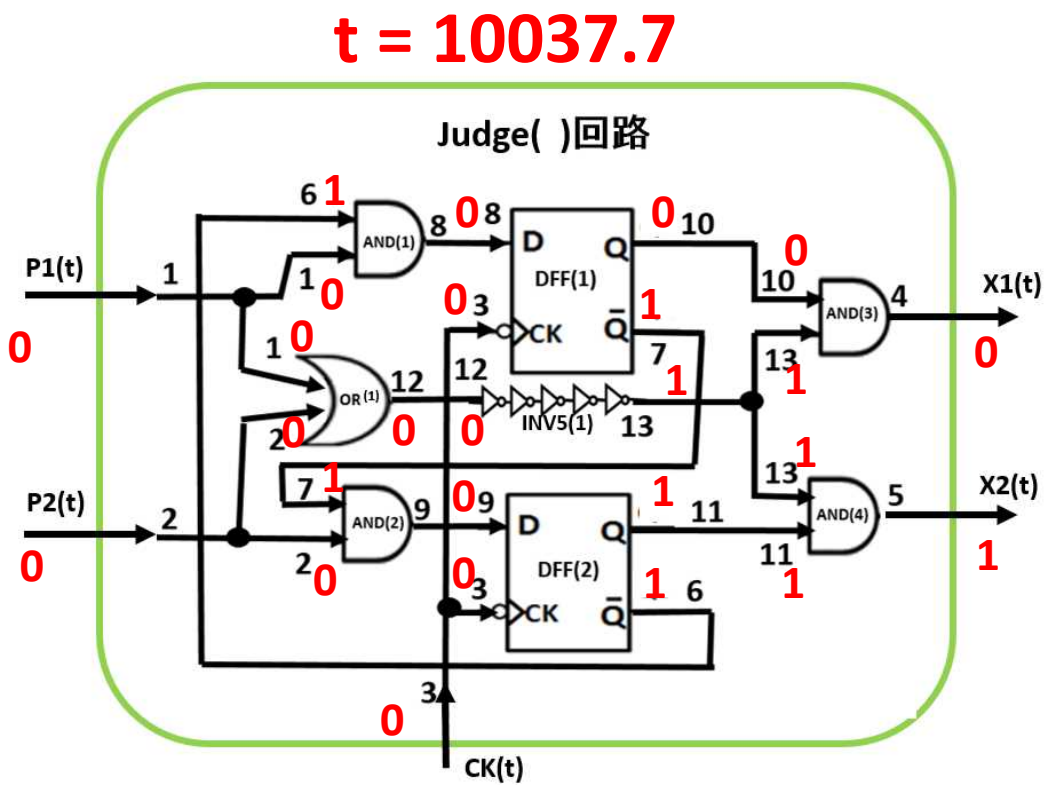
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

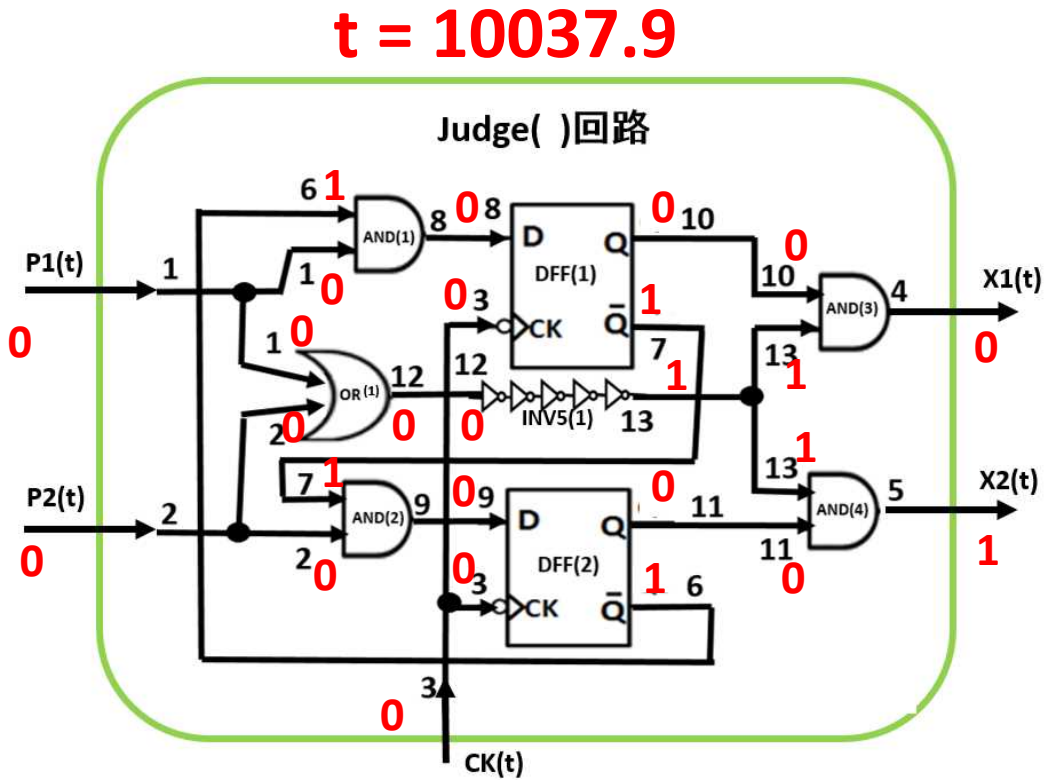
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

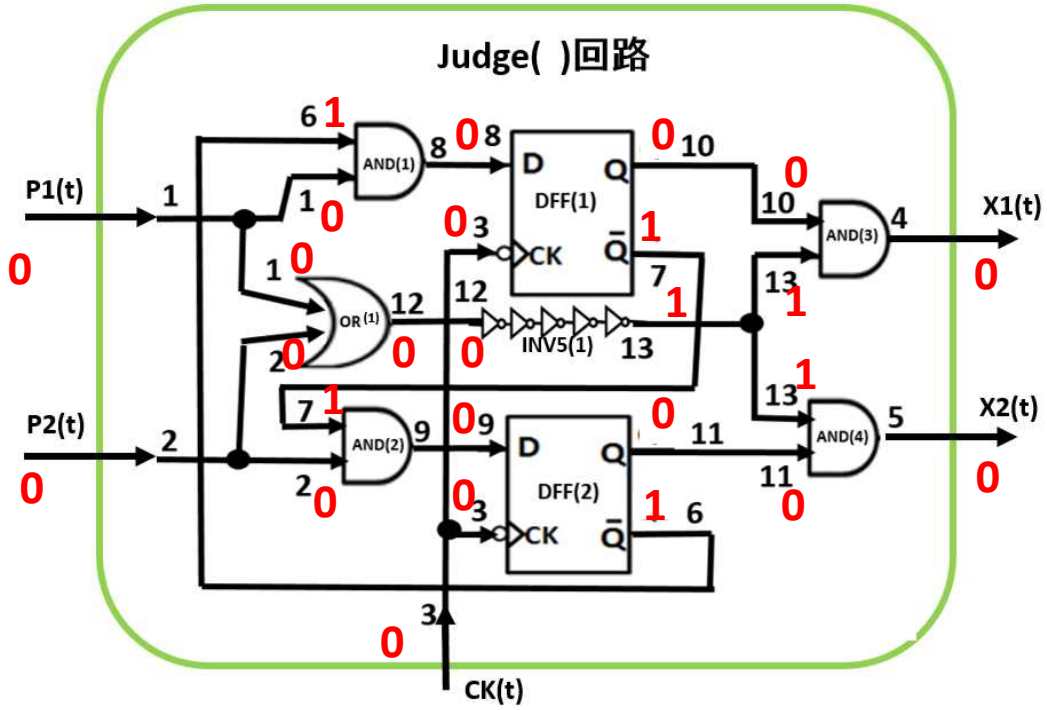
When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5( ) = Ninv= 5



********** Clock Pulse Width dt = 0.3 **********

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1