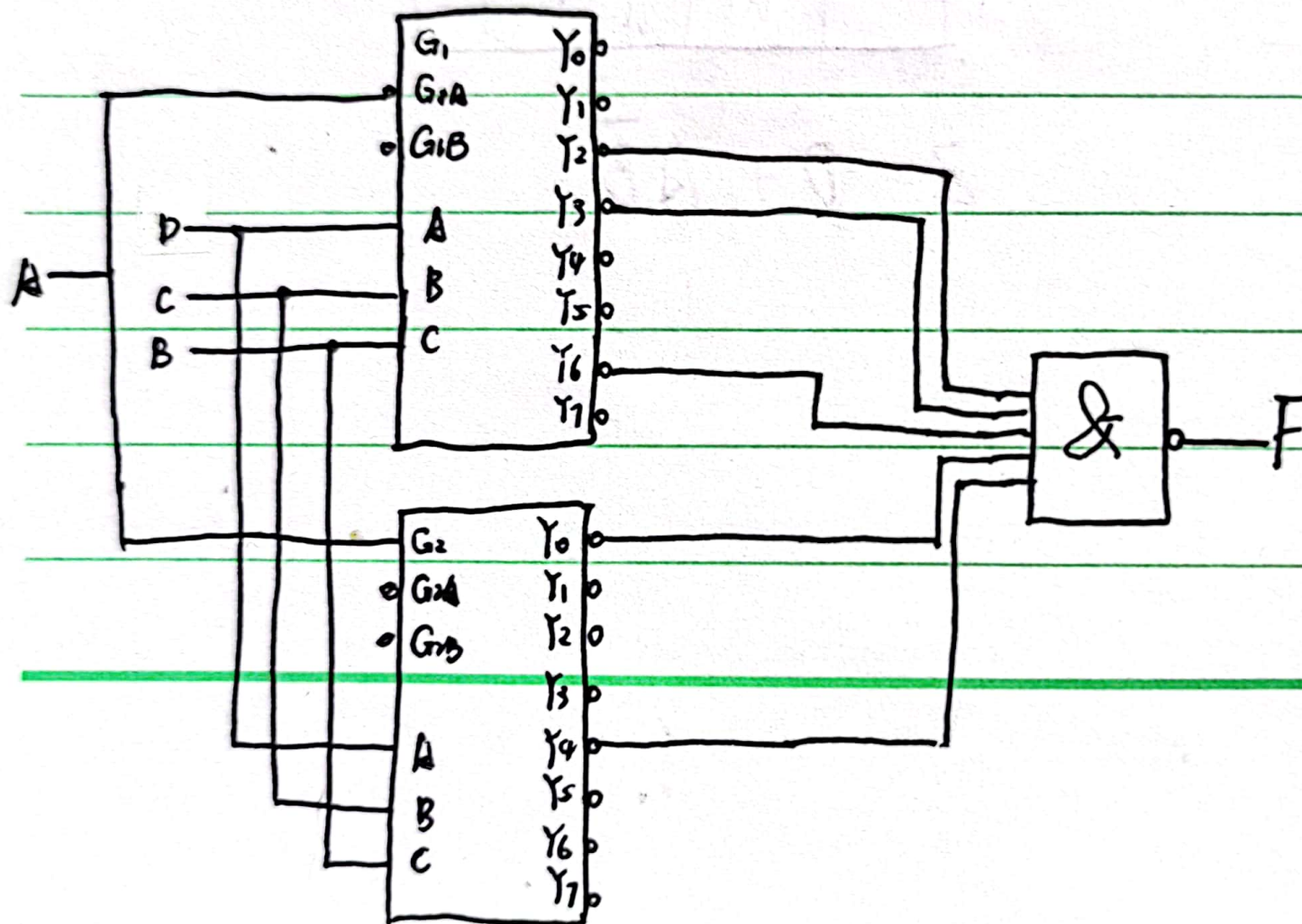


2.13<sub>(1)</sub>

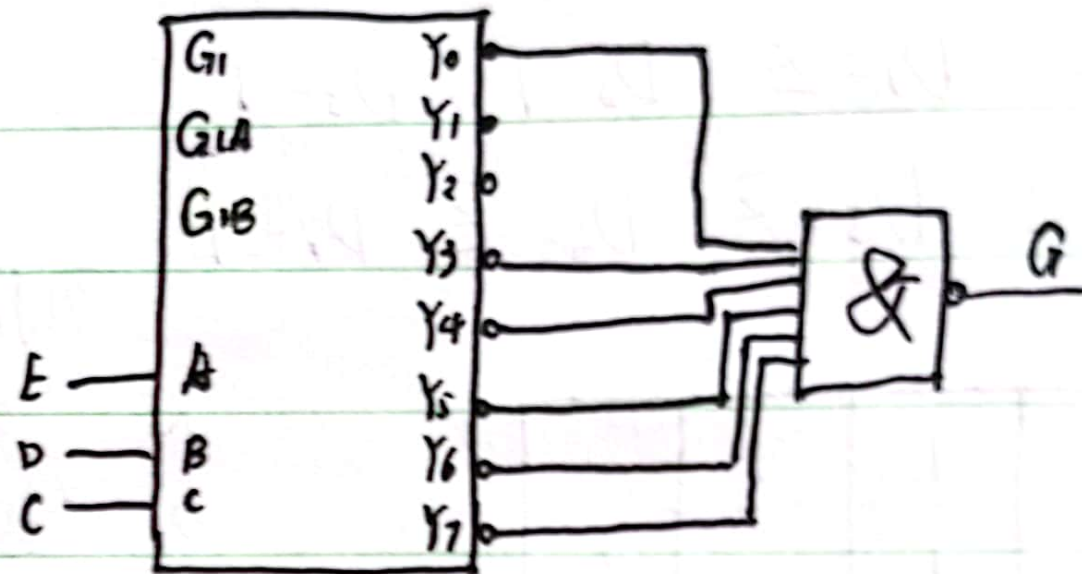
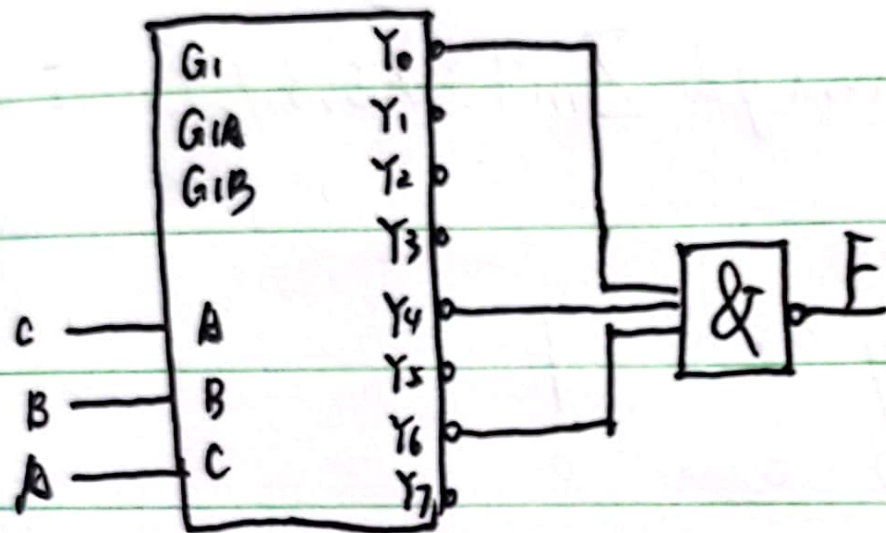
用:  $F = \sum m^4(2, 3, 6, 8, 12)$  设输入分别为 A, B, C, D

A 为高位 起选片作用. B, C, D 为低位



Date: \_\_\_\_\_

(4)  $f(ABC) = \sum m(0, 4, 6)$   
 $G(CDE) = \prod M(1, 2)$



No: \_\_\_\_\_

Date: \_\_\_\_\_

2.17

解:  $wxy$  作为地址输入  $z$  作为数据输入

$$D_0 = 0 \quad D_1 = z \quad D_2 = 1 \quad D_3 = 1$$

$$F(w, x, y, z) = \sum m^i(3, 4, 5, 6, 7, 9, 10, 12, 14, 15)$$

$$D_4 = z \quad D_5 = \bar{z} \quad D_6 = \bar{z} \quad D_7 = 1$$

真值表为

w \ yz	00	01	11	10
0	0	1	1	0
1	1	1	1	1

w	x	y	z	F
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	1
0	1	0	0	1
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	0
1	0	0	1	1
1	0	1	0	1
1	0	1	1	0
1	1	0	0	1
1	1	0	1	0
1	1	1	0	1
1	1	1	1	1