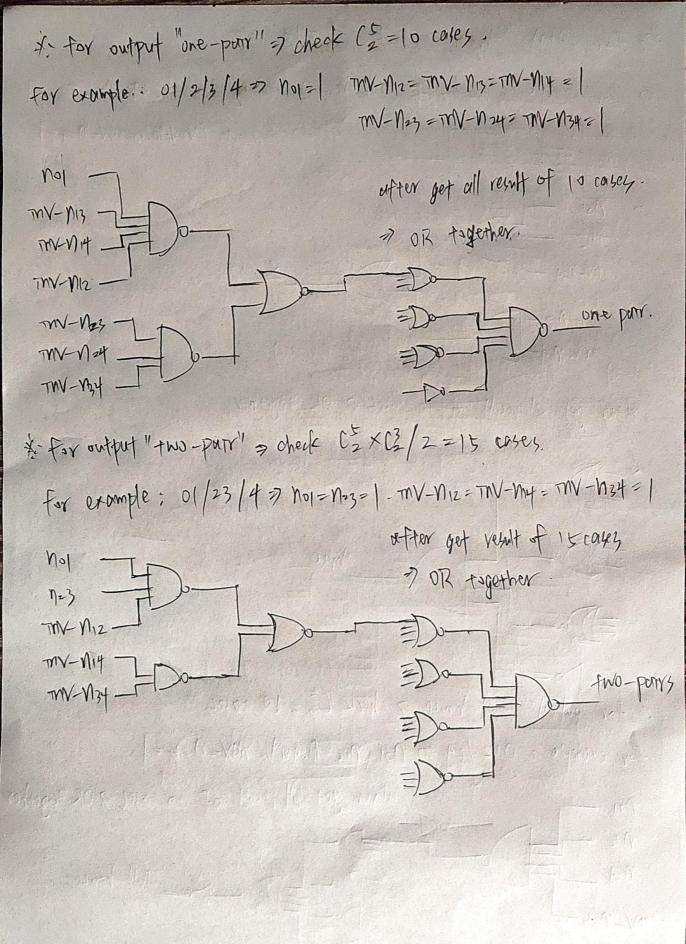


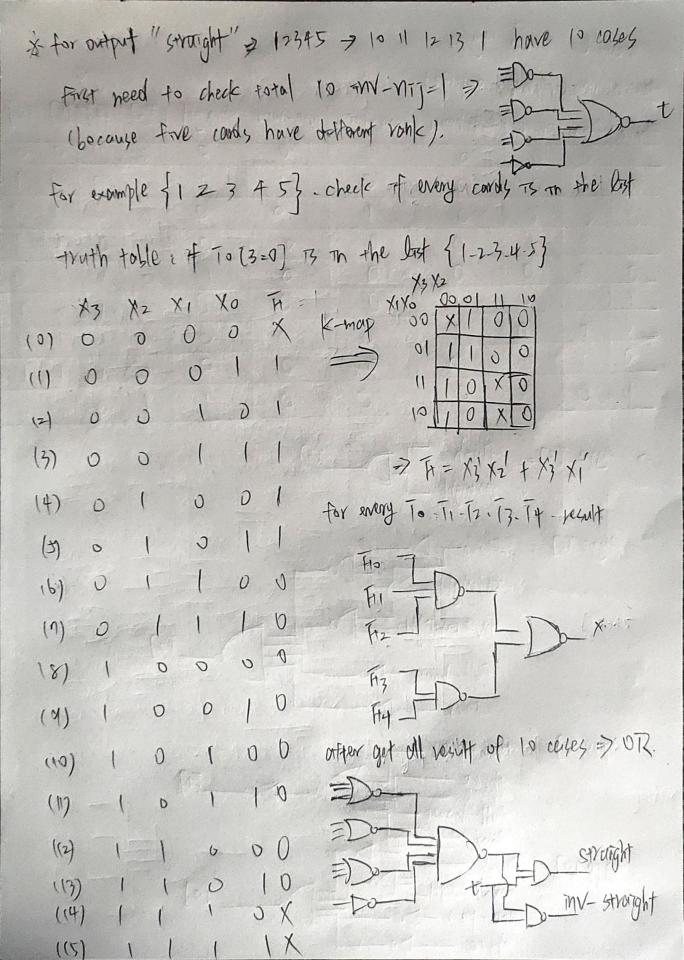
A Many - 1 = 1200

for output "three" > check Cz = 10 case for example: 012/3/4 which representing No1=N12=1:7nV-N34=1-TMV-1/23=TMV-1/24= after get all result of 10 cases > OR together. Who was Do-Lothree

Do-Lothree

Do-Lothree 一点作物 11/11-110 it for out of "Full-house" & check C3 = 10 cases For example : 012/34 => No1=N12=1347/1. TMV-123= often get all result of 10 cases > OR together NIZ NZT =Do-FDa Do-full-house. mV-19=3-





To]

one-pair to [0]

type [0]

Discussion: how to improve critical path

- 1. 盡量把 AND 和 OR gate 轉換成 NAND 和 NOR gate。
- 2. 因為 delay 取決於路徑上 gate 數量,盡量不要疊太多的 gate。
- 3. 把所有可能的 case 都攤開來平行的做,可以減少 delay。
- 4. 如果 AND 或 OR 的 input 太多的話, 拆成多級, 每個 gate input 平均且少

Ex OR 15
$$\rightarrow$$
 NOR4 * 3 + NOR3 + NAND4

OR 10
$$\rightarrow$$
 NOR3 * 3 + NAND4