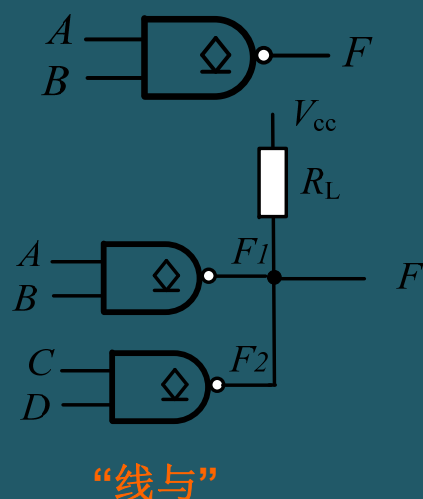
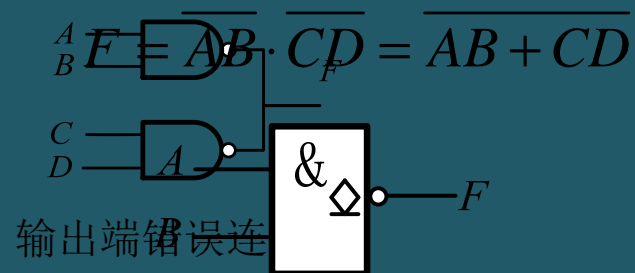


2.3.3 集电极开路门和三态逻辑门

常用集电极开路门(OC门)起的方式2是危险的, 加电后易损坏



普通逻辑门: 逻辑 0 和逻辑 1

三态门还有第三种状态—高阻态, 相当于悬空



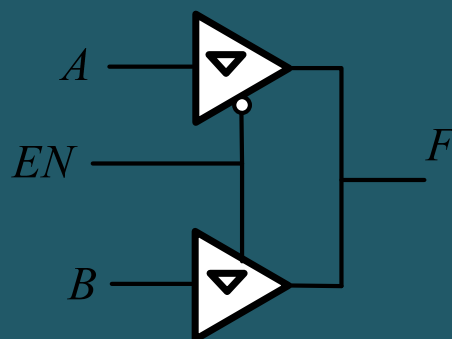
$$EN = 0 \quad F = A$$

$$EN = 1 \quad F \text{ 为高阻态}$$



$$EN = 1 \quad F = A$$

$$EN = 0 \quad F \text{ 为高阻态}$$



$$EN = 1 \quad F = B$$

$$EN = 0 \quad F = A$$

$$F = \overline{EN} A + EN B$$