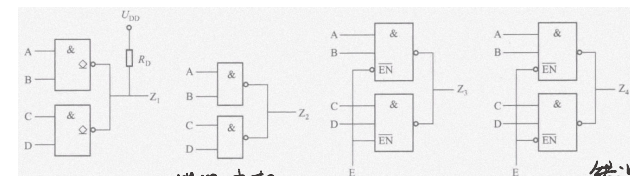


负逻辑下, $\boxed{1} \Leftrightarrow \boxed{0}$

$$Z_1 = \overline{\bar{A}(\bar{A}B)(\bar{B}C)} \cdot \bar{B}C$$

$$Z_2 = \overline{\overline{A+B+B+C} + \overline{B+C+A+C}}$$

12.



$$Z_1 = \overline{AB \cdot CD}$$

错误, 未使用三态门控制

$$\overline{ABE + CD E}$$

错误, 不同时激活三态门

