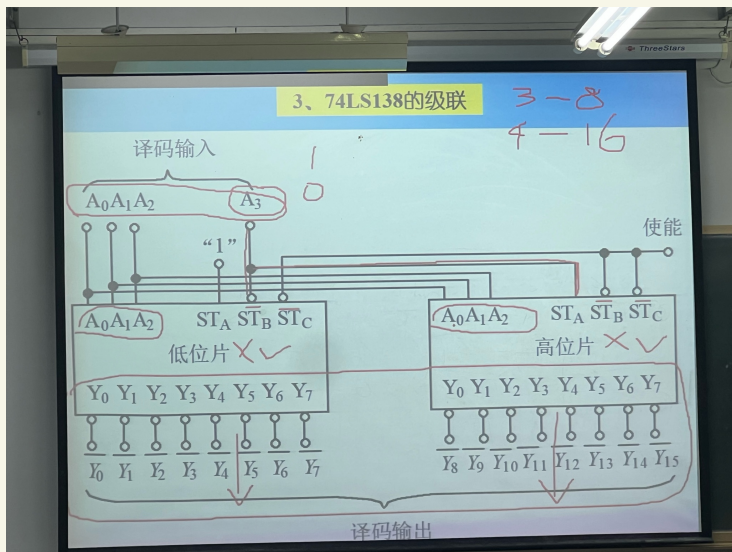


译码器

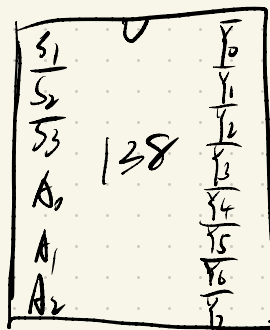
$\overline{Y_i} = \overline{M_i}$ 取反

两个非号含义不同

有电有效



138 → 与非门



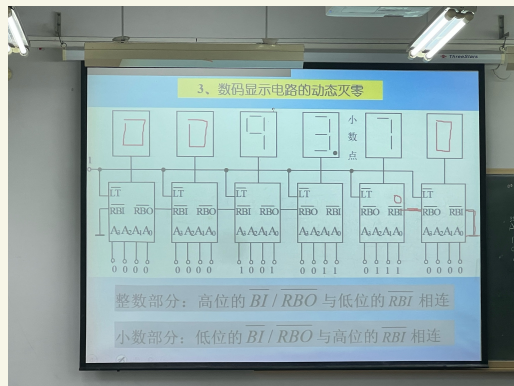
$$\overline{Y_v} = \overline{m_v}$$

$$Y(ABC) = \sum m(0, 2, 5, 7)$$

$$= \underline{\underline{m_0 + m_2 + m_5 + m_7}}$$

$$= \overline{m_0} \cdot \overline{m_2} \cdot \overline{m_5} \cdot \overline{m_7}$$

$$= \overline{Y_0} \cdot \overline{Y_2} \cdot \overline{Y_5} \cdot \overline{Y_7}$$



数据选择器

$$Y = D_0 \bar{A}_1 \bar{A}_0 + D_1 \bar{A}_1 A_0 + D_2 A_1 \bar{A}_0 + D_3 A_1 A_0 = \sum_{i=0}^3 D_i m_i$$

数据选择器的扩展

