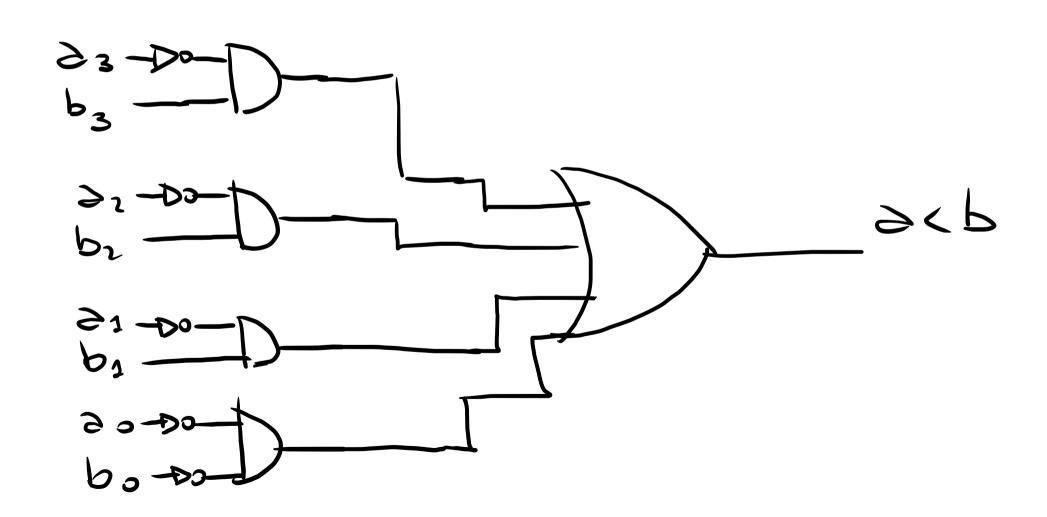
derive the L. Exp XCY 1 = 1 20 = 2 王 = X·Y (minterms) 11 = 3 "Sum of Pro" " OR of AMO" 1 = X < Y 9421 a (b = False 9= \$017°= 17 1<0 b= 0100 = 4 0 < 0 No (F) 121 mo(F) b = 0110 0 (1 yes (T)

2<sub>d</sub> = 2<sub>3</sub> 2<sub>1</sub> 2<sub>1</sub> 2<sub>0</sub>
b<sub>d</sub> = 2<sub>3</sub> 2<sub>1</sub> 2<sub>1</sub> 2<sub>0</sub>



$$\Xi = \overline{\chi} \cdot \overline{\gamma} + \overline{\chi} \cdot \gamma + \chi \cdot \gamma = \overline{\chi} \cdot (\gamma + \overline{\gamma}) + \chi \cdot \gamma = \overline{\chi} \cdot (\gamma + \overline{\gamma}) + \chi \cdot \gamma = \overline{\chi} + \chi \cdot \gamma = \overline$$

$$\begin{array}{c} X \longrightarrow \\ Y \longrightarrow \\ \end{array} \qquad \begin{array}{c} \mathcal{F} = (X \subseteq Y) \end{array}$$

主=X Sum Y

52 53 54 55 56 HexDecRep 10  $\mathbf{O}$ O AHD O 1 0 Q 201 + て、しってっしの+ 0 MIMTERM D 0 1

= (XY)+XY minterms

$$\overline{A} = \overline{XY} \cdot \overline{XY} = (\overline{X} + \overline{Y}) \cdot (\overline{X} + \overline{Y})$$
 Prod. of 10ms