

$$\mathbf{X} = \begin{matrix} \mathbf{X}_1 \\ \mathbf{X}_2 \\ \mathbf{X}_3 \end{matrix} = \begin{matrix} \text{light blue} \\ \text{blue} \\ \text{dark blue} \end{matrix} \times \begin{matrix} \text{light red} \\ \text{red} \end{matrix} \times \begin{matrix} \text{light pink} \\ \text{pink} \\ \text{magenta} \end{matrix}$$

$$\mathcal{P} = \left\{ \begin{matrix} \mathbb{B}_{\text{light blue}} \\ \mathbb{B}_{\text{light blue} \mid \text{light red}} \\ \mathbb{B}_{\text{light blue}} \not\sqsupseteq \end{matrix} \right. = \left. \begin{matrix} \text{light blue} \times \text{light red} \times \begin{matrix} \text{light pink} \\ \text{pink} \\ \text{magenta} \end{matrix}, \\ \text{light blue} \times \text{red} \times \begin{matrix} \text{light pink} \\ \text{pink} \\ \text{magenta} \end{matrix}, \\ \text{light blue} \times \begin{matrix} \text{light pink} \\ \text{pink} \\ \text{magenta} \end{matrix} \times \text{red} \times \begin{matrix} \text{light pink} \\ \text{pink} \\ \text{magenta} \end{matrix} \end{matrix} \right\}$$