

$$\tilde{X}_2$$

$$\tilde{X}_2^c$$

$$\tilde{X}_1$$

$$\tilde{X}_1 \cap \tilde{X}_2$$

$$\tilde{X}_1 \cap \tilde{X}_2^c$$

$$\tilde{X}_1^c$$

$$\tilde{X}_1^c \cap \tilde{X}_2$$

$$\tilde{X}_1^c \cap \tilde{X}_2^c$$