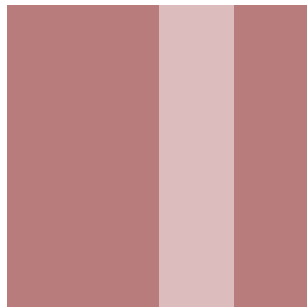


$$\mathbf{x}_1 \times X_2$$



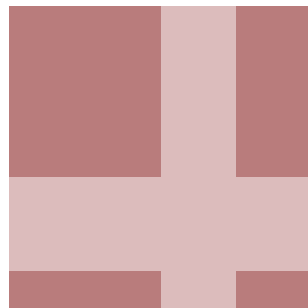
$$\mathbf{x}_1^c \times X_2$$



$$X_1 \times \mathbf{x}_2$$



$$X_1 \times \mathbf{x}_2^c$$



$$\mathbf{x}_1^c \times \mathbf{x}_2^c = (\mathbf{x}_1^c \times X_2) \cap (X_1 \times \mathbf{x}_2^c)$$