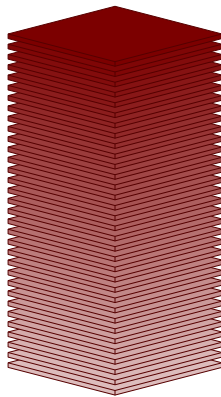
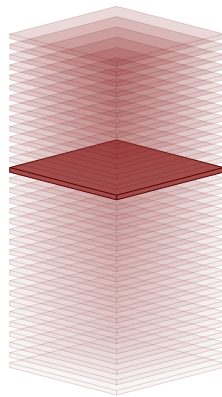


$$X_1 \times X_2 \times X_3 = \bigcup_{x_3 \in X_3} X_1 \times X_2 \times \{x_3\}$$



$$\{X_1 \times X_2 \times \{x_3\} \text{ for } x_3 \in X_3\}$$



$$X_1 \times X_2 \times \{\tilde{x}_3\}$$