

問題 5.8

(包除原理) 次の等式を証明せよ.

$$\begin{aligned} P(A \cup B \cup C) &= P(A) + P(B) + P(C) \\ &\quad - P(A \cap B) - P(B \cap C) - P(C \cap A) + P(A \cap B \cap C). \end{aligned}$$