

# **MAT 352 Week 1 Assignment**

Computer Science Department

March 16, 2023

## **Question**

Proof the Inclusion Exclusion Rule by Mathematical Induction

Proof of Inclusion Exclusion Rule by Mathematical Induction

$$P(E_1 \cup B \cup \cdots \cup n) = P(A) + P(B) - P(A \cap B)$$