Assignment 4

Due on SECS 129-1, 29 Mar 2023

Problem 1: Consider the following statement:

"If the sets of balls are mutually exclusive and the number of balls in each set is finite, then the number of balls is also finite."

Can you provide a counterexample to disprove this statement?

Problem 2: Consider the following statement:

"If the sets of balls are mutually exclusive and the number of balls in each set is finite, then the number of balls is also finite."

Can you provide a counterexample to disprove this statement?

Problem 3: Consider the following statement:

"If the sets of balls are mutually exclusive and the number of balls in each set is finite, then the number of balls is also finite."

Can you provide a counterexample to disprove this statement?

Problem 4: Consider the following statement:

"If the sets of balls are mutually exclusive and the number of balls in each set is finite, then the number of balls is also finite."

Can you provide a counterexample to disprove this statement?