

**Problem Chosen**

**A**

**2025  
MCM/ICM  
Summary Sheet**

**Team Control Number**

**0000000**

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# **Study Summary**

This is the abstract.

Therefore, the abstract is a brief summary of the paper. It should be concise and informative. It should not contain any unnecessary information.

**Keywords:** Keyword1, Keyword2, Keyword3

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# 1 Introduction

## 1.1 Background

## 1.2 Literature Review

We review the literature on the topic of study([1]).

Now, we will introduce the problem and the model from [2].

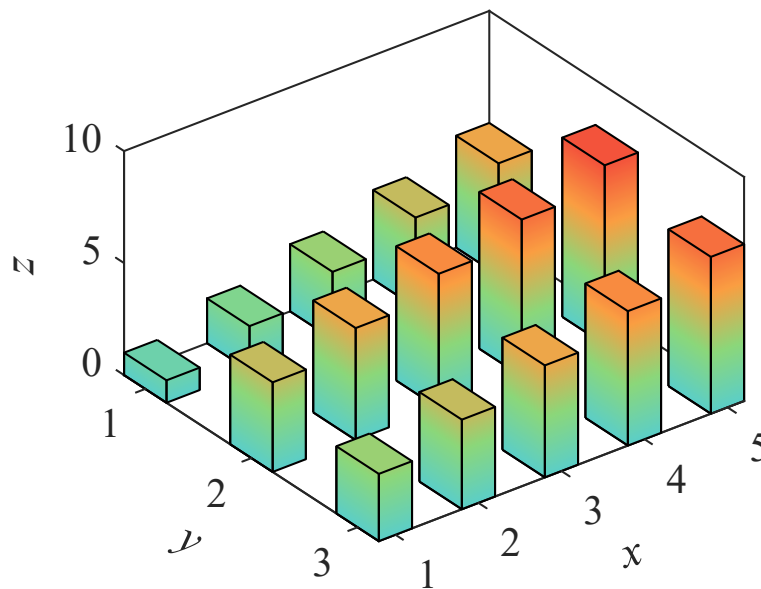


Figure 1: Example Image

## 1.3 Restatement of the Problem

## 2 Assumptions and Justification

## 3 Notations

## 4 Model

## 5 Application of the Model

## 6 Sensitivity Analysis

## 7 Model Extension

## 8 Model Evaluation and Further Discussion

We evaluate the model using various metrics and compare it with other models.

Next, we discuss the limitations of the model and suggest further research directions.

Here is the reference for the literature review: [1, 2].

## References

- [1] Stephens J P, Heaphy E D, Carmeli A, et al. Relationship quality and virtuousness: Emotional carrying capacity as a source of individual and team resilience[J]. The Journal of Applied Behavioral Science, 2013, 49(1): 13-41.
- [2] Boillet A, Noble M, Sachet I, et al. Individualized optimal strategy in team pursuit for track cycling[J]. Scientific Reports, 2024, 14(1): 25308.