

**Problem Chosen**

**A**

**2026  
MCM/ICM  
Summary Sheet**

**Team Control Number**

**1234567**

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# Your Paper Title Here

## Summary

[1]

For **Problem 1**,

For **Problem 2**,

For **Problem 3**,

For **Problem 4**,

In conclusion,

**Keywords:** Keyword 1; Keyword 2; Keyword 3; Algorithm Name; Model Name

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# 1 Introduction

## 1.1 Background

## 1.2 Problem Restatement

## 1.3 Literature Review

## 1.4 Our Work

# 2 Model Assumptions and Notations

## 2.1 Model Assumptions

## 2.2 Notations

# 3 Data Pre-processing

# 4 Model Development

## 4.1 Model for Problem 1:

## 4.2 Model for Problem 2:

## 4.3 Model for Problem 3:

## 4.4 Model for Problem 4:

# 5 Sensitivity Analysis

# 6 Model Extension

# 7 Conclusion

# References

- [1] Wei Chen and Ming Li. Global ai development: A review of the current status and future trends. *Journal of Artificial Intelligence Research*, 68:123–145, 2020.

## A Report on Use of AI

- **OpenAI ChatGPT (GPT-4o)**

- **Query:** How to implement Entropy Weight Method in Python?
  - **Usage:** The code generated was used in Section 5.1 for weight calculation.

- **Perplexity AI**

- **Query:** Latest statistics on global AI supercomputing power 2025.
  - **Usage:** Data retrieved was used in Section 3.1.