Academic Investigation of a Genetic Algorithm

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**ABSTRACT**

In this paper, we describe the formatting guidelines for ACM SIG Proceedings that you should use to format your coursework

# INTRODUCTION

## Background

## Definitions

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# APPROACH

## Selection

Roulette Wheel Selection is employed in this GA. Roulette wheel is also known as Fitness Proportionate Selection because it basis the probability of any individual selection by its fitness relative to the sum of the population fitness.

## Crossover

## Mutation

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# EXPERIMENTATION

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# COMPARISON & ANALYSIS

## A Subsection

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## Another subsection

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# CONCLUSION

# REFERENCES

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