
Shortest Path Algorithms: Taxonomy and Advance in Research

my summary

Contents

1	Introduction	1
1.1	Overview	1
1.2	Restatement of the Problem	1
1.3	Our Work	1
2	Notations and assumptions	1
2.1	Notations	1
2.2	Assumptions	1
3	... Model	1
3.1	Model Overview	2
4	Robustness Analysis	2
5	Strength and Weaknesses	2
5.1	Strengths	2
5.2	Weaknesses	2
	Refences	2
A	1	2
A.1	1	3
A.1.1	1	3
B	report on Use of AI	4

1 Introduction

test

1.1 Overview

test

1.2 Restatement of the Problem

- develop a model to

1.3 Our Work

- develop a model to

2 Notations and assumptions

2.1 Notations

Symbols	Description
1	2

2.2 Assumptions

to simplify the problem

- **Assumption 1:** The number of
Justification: We assume

3 ... Model

Definition 3.1. *Niche width is the range of resources that a species can use.*

Niche width is an indicator [1]

Algorithm 1 An algorithm with caption

Require: $n \geq 0$

Ensure: $y = x^n$

$y \leftarrow 1$

$X \leftarrow x$

$N \leftarrow n$

while $N \neq 0$ **do**

if N is even **then**

$X \leftarrow X \times X$

$N \leftarrow \frac{N}{2}$

else if N is odd **then**

$y \leftarrow y \times X$

$N \leftarrow N - 1$

end if

end while

▷ This is a comment

3.1 Model Overview

4 Robustness Analysis

5 Strength and Weaknesses

5.1 Strengths

tableofcontents

5.2 Weaknesses

test

References

- [1] Alice Axford, Bob Birkin, Charlie Copper, and Danny Dannford. Demonstration of bibliography items. *Journal of T_EXperts*, 36(7):114–120, Mar 2013.

backmatter/papers

Begin your appendix here.

A 1

test

A.1 1

test

A.1.1 1

test

1 test

1 test

B report on Use of AI

1.

OpenAI ChatGPT (Feb 2,2024 version,ChatGPT3.5)

Query1: *“swings in play and runs of success by one player are random” can this sentence to be interpreted as swings in play and runs of success by one player are independent?*

Output: *Yes, the sentence ”swings in play and runs of success by one player are random” can be interpreted as suggesting that swings in play and runs of success by one player are independent of each other. In statistical terms, independence means that the occurrence or outcome of one event does not influence the occurrence or outcome of another.*

In the context of tennis, this would imply that the fluctuations in the dynamics of the match (swings in play) and a player’s success streaks (runs of success) are not connected or dependent on each other. Each event is considered random and not influenced by the occurrence of the other.