Comparative Evaluation of Approximate Byzantine Vector Consensus Algorithms

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***Abstract*—This is an abstract.**

I. Introduction

Introduce these topics.

- byzantine problem
- multiple byzantine problem
- following conditions
- approximate agreement

[**?**]

II. Asynchronous communication primitives

A. Reliable Broadcast

Reliable broadcase

B. Witness Technique

Witness Technique

III. Safe Area

A. Introduction

Introduction to safe area.

B. Algorithms

Algorithms.

IV. Sufficient Condition for Multidimensional Approximate Agreement

A. AAD

B. MH

C. VG

V. Comparasion

A. Time complexity

Time complexity.

B. Running Time

Running time.

VI. Conclusion

This is conclusion

References

[1] H. Mendes, M. Herlihy, N. Vaidya, and V. K. Garg. Multidimensional agreement in byzantine systems. *Distributed Computing*, 28(6):423–441, 2015.