Symbolic Algorithms For Computing Strongly Connected Components

Magdalena Kalin-Czerska, Jonathan Eilath , and Mikael Bisgaard Dahlsen-Jensen

Aarhus University

March 1, 2021

1 Abstract

Abstract

2 Introduction

Introduction

3 Description of Emerson-Lei and Lockstep algorithm

4 Implementing the algorithms

5 Inputs and experimenting

6 Comparison of results

7 Theoretical analysis of the results

8 Investigation of other graph problems using symbolic algorithms

9 Conclusion

10 Acknowledgements

11 References

12 Appendix