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David Donatucci, M. Kirbie Dramdahl, and Nicholas Freitag McPhee

Division of Science and Mathematics

University of Minnesota, Morris

Morris, MN 56267

donat056@morris.umn.edu

dramd002@morris.umn.edu

mcphee@morris.umn.edu

Abstract

1 Introduction

2 Genetic Programming

3 Graph Databases

4 Experimental Setup

4.1 Genetic Programming Setup

4.2 Neo4j Setup

5 Results

5.1 Number of Initial Individuals With Final Generation Descendants

5.2 Effectiveness of Mutation and Crossover

5.3 Winning Root Ancestry Line Fitness

5.4 Most Recent Common Ancestor

6 Conclusions

Acknowledgements

References