

High Performance Genetic Algorithms for Steganalysis

Joseph Bingham

Department of Mathematics

Iowa State University of Science and Technology

Ames, Iowa 50010, United States of America

April 9, 2018

Abstract

This research will outline a novel implementation of a genetic algorithm that leverages high performance parallelizations to detect steganographically embedded images. The two main components that are new to this project are the application of parallelization for genetic algorithms and the application of genetic algorithm for steganalysis.

1 Introduction

Outline ??

2 Previous work

3 Results

4 Conclusions