CSCI 446 Artificial Intelligence Project 1 Design Report

Roy Smart

NEVIN LEH

Brian Marsh

Montana State University

- 1 Introduction
- PROBLEM GENERATION
- 3 **EXPERIMENT DESIGN**
- GRAPH COLORING ALGORITHMS
- Minimum Conflicts 4.1
- 4.2 Simple Backtracking
- Backtracking with Forward Checking
- Backtracking with Constraint Propagation
- 4.5 Local Search Using a Genetic Algorithm