**Constraint problem solving**

A first look at Backtracking Search

and Simulated Annealing

Introduction

Lab number 2 is focused around constraint satisfaction problems and a couple of methods to solve these problems. The problem given in this assignment is to distribute courses to classrooms so that as many of the attributes given for a classroom/course-combo is met.

This assignment is divided into 2 parts:

* Solve the problem with the use of Backtracking Search
* Solve the problem with the use of Simulated Annealing