

Examination Timetabling

Optimization Methods and Algorithms Group 9

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1. Introduction

- 2. Initial solution generation
 - 2.1 Scheduling Exams
 - 2.2 Local Search
- 3. Simulated Mutant Annealing
 - 3.1 Temperature and Probability Calibration
 - 3.2 Neighbor Generation/Mutation
 - 3.3 Time Slot Swap
- Conclusions
 - 4.1 Statistics
 - 4.2 The end

Introduction

Our algorithm is based on:

- Simulated annealing
- Local search
- Swapping timetables
- Multistart

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Scheduling Exams

Local Search

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Temperature and Probability Calibration

Neighbor Generation/Mutation

Time Slot Swap

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Statistics

The end

Thanks for listening.

P.s. code is avalable on Github: github.com/pimack/OMA9