

DM841
Discrete Optimization

Lecture 5
EasyLocal++

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Overview

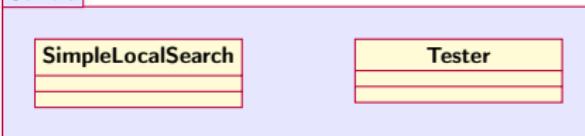
- ▶ Enumeration for N-Queens
- ▶ Enumeration for Bus Driver Scheduling
 - ▶ feasibility
 - ▶ optimizaiton (exploit order, bounds and pruning)
- ▶ Enumeration for optimization
- ▶ Easy Local: general view
- ▶ Easy Local for N-Queens

Examples treated in class

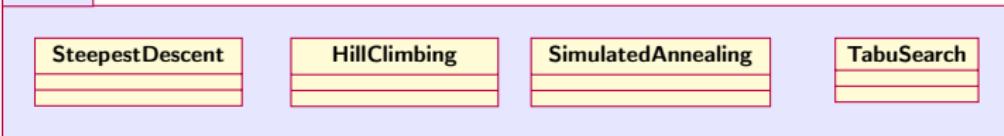
- ▶ BusDriver/InputOutput BusDriver/Instances
- ▶ EnumerationFramework/example
- ▶ Queens/Enumeration
- ▶ BusDriver/Enumeration
- ▶ BusDriver/EnumerationOpt
- ▶ Queens/LocalSearch

Starting point for a new problem: EL3SeedProject/

Solvers



Runners



Helpers



Basics

