

Excercise 4

Implementing a centralized agent

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November 1, 2018

1 Solution Representation

1.1 Variables

1.2 Constraints

1.3 Objective function

2 Stochastic optimization

2.1 Initial solution

2.2 Generating neighbours

2.3 Stochastic optimization algorithm

3 Results

3.1 Experiment 1: Model parameters

3.1.1 Setting

3.1.2 Observations

3.2 Experiment 2: Different configurations

3.2.1 Setting

3.2.2 Observations