

Problem Solving and Search in AI Tutorial 2 (on April 30th)

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Exercise 2.1:

Design a Tabu Search Algorithm for the Maze Problem of Exercise 1.1. Consider the following questions.

- How would do you represent a solution? If you are considering different options, discuss the pros and cons.
- How do you generate the initial solution resp. how do you ensure feasibility of solutions?
- What is the neighbourhood of a solution?
- What is the evaluation function?
- How do you organize the tabu list?
- What kind of aspiration criteria would you consider?