CS303 Project1: AI Algorithm for Reversed Reversi

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4 Experiments

Experiment is very important in Computer Science Research, at least as important as it is in natural science in my opinion.

The following experiments were performed under the following environment conditions:

- Systeminfo: AMD Ryzen 7 4800H with Radeon Graphics， Microsoft Windows 11 专业版, RAM 16G
- Python: Python 3.10.5, Pycharm 2022.1.3 (PE), numpy 1.22.4, numba

4.1 Experiment 1: 探究当算法为贪心算法时不同评估函数对Agent理性程度的影响

4.1.1 Experiment principle and experiment hypothesis

4.1.2 Experiment setup and experiment steps

As we said in 4.1.1, one of the best ways to evaluate an RR agents` rationality is to evaluate their ranking in the round robin. We need to

4.1.2.1 Sub-Experiment 1.1

4.1.3 Experiment results and experiment analysis

5 Conclusion and discussion

References