

Tatsuya Terao

MASTER STUDENT

Research Institute for Mathematical Sciences, Kyoto University, Kyoto 606-8502, Japan

✉ ttatsuya@kurims.kyoto-u.ac.jp | 🏠 <https://otera99.github.io/>

Research Interests

- Graph algorithms, Matroid algorithms, etc.

Education

Kyoto University

MASTER OF SCIENCE

- Advisor: Prof. Yusuke Kobayashi

Kyoto, Japan

April 1, 2022 - March 31, 2024

Kyoto University

BACHELOR OF SCIENCE

- Faculty of Science, Division of Physics

Kyoto, Japan

April 1, 2018 - March 31, 2022

Professional Experience

2024-2027 **Research Fellowships for Young Scientists (DC1)**, Japan Society for the Promotion of Science

Publications

REFEREED CONFERENCE PROCEEDINGS

1. **Tatsuya Terao**: Faster matroid partition algorithms, In Proceedings of the 50th EATCS International Colloquium on Automata, Languages and Programming (**ICALP 2023**), 104:1–104:20. [doi:10.4230/LIPIcs.ICALP.2023.104](#)
2. Yusuke Kobayashi and **Tatsuya Terao**: One-face shortest disjoint paths with a deviation terminal, In Proceedings of the 33rd International Symposium on Algorithms and Computation (**ISAAC 2022**), 47:1–47:15. [doi:10.4230/LIPIcs.ISAAC.2022.47](#)

Presentations

CONFERENCE PRESENTATIONS

1. Faster matroid partition algorithms, ICALP 2023, Paderborn, Germany, July 14, 2023.
2. One-face shortest disjoint paths with a deviation terminal, ISAAC 2022, Seoul, Korea, Dec 20, 2022.