Tatsuya Terao

MASTER STUDENT

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Research Interests

- Graph algorithms, Matroid algorithms

Education

Kyoto University   *Kyoto, Japan*
MASTER OF SCIENCE   *April 1, 2022 - March 31, 2024*
- Advisor: Dr. Yusuke Kobayashi

Kyoto University   *Kyoto, Japan*
BACHELOR OF SCIENCE   *April 1, 2018 - March 31, 2022*
- Faculty of Science, Division of Physics

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.