

# Tatsuya Terao

DOCTORAL STUDENT

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## Research Interests

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- Graph algorithms, Matroid algorithms, etc.

## Education

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### Kyoto University

DOCTOR OF SCIENCE

- Advisor: Prof. Yusuke Kobayashi

Kyoto, Japan

April 1, 2024 - present

### 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

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

## Publications

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### 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

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### 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.