Tatsuya Terao

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Research Interests	
Theoretical Computer Science.	
Education	
Kyoto University DOCTOR OF SCIENCE • Advisor: Prof. Yusuke Kobayashi	Kyoto, Japar April 1, 2024 - presen
Kyoto University MASTER OF SCIENCE • Advisor: Prof. Yusuke Kobayashi	Kyoto, Japar April 1, 2022 - March 31, 2024
Kyoto University BACHELOR OF SCIENCE • Faculty of Science, Division of Physics	Kyoto, Japar April 1, 2018 - March 31, 2022
Professional Experience 2024-2027 Research Fellowships for Young Scientists (DC1), Japan Society for the	he Promotion of Science
Publications	
Authors are listed alphabetically. Exceptions are marked with †.	
 Tatsuya Terao and Ryuhei Mori: Parameterized Quantum Query Algorithms for Graph Pro In Proceedings of the 32nd Annual European Symposium on Algorithms (ESA 2024), 99: doi:10.4230/LIPIcs.ESA.2024.99 	
2. Yusuke Kobayashi and Tatsuya Terao: Subquadratic Submodular Maximization with a Ge In Proceedings of the 51st EATCS International Colloquium on Automata, Languages and doi:10.4230/LIPIcs.ICALP.2024.100	
 Tatsuya Terao: Faster Matroid Partition Algorithms, To appear in ACM Transactions on Algorithms (TALG). doi:10.1145/3707208 	

Preliminary version appeared in proceedings of the 50th EATCS International Colloquium on Automata, Languages and Programming

4. 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 _____

(ICALP 2023), 104:1-104:20.

- Parameterized Quantum Query Algorithms for Graph Problems.
- ESA 2024, Egham, United Kingdom, Sep 4, 2024.

doi:10.4230/LIPIcs.ICALP.2023.104

- Subquadratic Submodular Maximization with a General Matroid Constraint.
- ICALP 2024, Tallin, Estonia, July 9, 2024.

- Faster Matroid Partition Algorithms.
- ICALP 2023, Paderborn, Germany, July 14, 2023.
- One-Face Shortest Disjoint Paths with a Deviation Terminal.
 - ISAAC 2022, Seoul, Korea, Dec 20, 2022.