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Education

- Mar 2021 **Doctor of Science**, *Department of Mathematical and Computing Science, Tokyo Institute of Technology.*
Supervisor: Yuji Terashima and Sakie Suzuki
- Mar 2018 **Master of Science**, *Department of Mathematical and Computing Science, Tokyo Institute of Technology.*
Supervisor: Yuji Terashima
- Mar 2016 **Bachelor of Science**, *Department of Information Science, Tokyo Institute of Technology.*

Fellowships

- 2021–2024 JSPS Research Fellow (PD), Japan Society for the Promotion of Sciences
- 2018–2021 JSPS Research Fellow (DC1), Japan Society for the Promotion of Sciences

Preprints

Difference equations arising from cluster algebras, arXiv:1912.05710, 2019.

Publications

Exponents associated with Y -systems and their relationship with q -series. *SIGMA Symmetry Integrability Geom. Methods Appl.*, 16:028, 42 pages, 2020.

Jacobian matrices of Y -seed mutations, *Advances in Applied Mathematics*, 115:101987, 2020.

Quiver mutation sequences and q -binomial identities, joint work with Akishi Kato and Yuji Terashima, *International Mathematics Research Notices*, 2018(23):7335–7358, 2018.