Yuma Mizuno

Department of Mathematical and Computing Science
Tokyo Institute of Technology
2-12-1 Ookayama, Meguro-ku, Tokyo 152-8550 Japan
✉ mizuno.y.aj@m.titech.ac.jp

Education

Apr 2018–present **Doctoral Program**, *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

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.