

■ 所属 : 一般教育科

■ 職位 : 助教

■ 学位 : 博士(理学)

■ 入職 : 2026/4/1

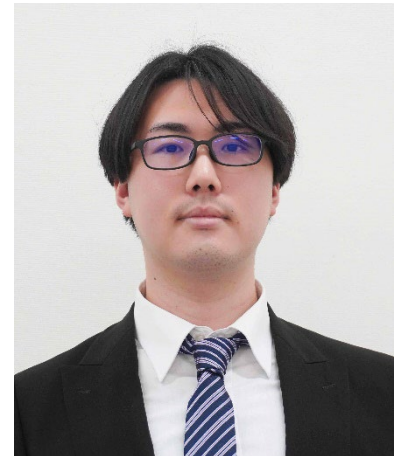
■ 業績

【論文】

- [1] Dynamical systems with bounded condition and C*-algebras, [Annals of Functional Analysis](#) 17, 26 (2026)
URL: <https://doi.org/10.1007/s43034-026-00501-4>
- [2] (With H. Matui) Cup and cap products for cohomology and homology groups of ample groupoids, [Münster Journal of Mathematics](#) 18, 1, 119-140 (2025)
URL: <https://www.uni-muenster.de/FB10/mjm/vol18.html>
- [3] Application of operator theory for the Collatz conjecture, [Advances in Operator Theory](#) 10, 37 (2025)
URL: <https://doi.org/10.1007/s43036-025-00425-1>
- [4] (With M. Hagiwara) Perfect Multi Deletion Codes Achieve the Asymptotic Optimality of Code Size, [IEEE Transactions on Information Theory](#), 67, 6, pp. 3315-3321 (2021)
URL: <https://doi.org/10.1109/TIT.2020.3016261>

【口頭発表・ポスターセッション】

- [1] Dynamical systems with bounded condition and C*-algebras, 日本数学会2026年度年会, 東京理科大学 (2026)
- [2] Dynamical systems with bounded condition and associated C*-algebras, Recent Progress in Operator Theory and its Applications, Research Institute for Mathematical Science, Kyoto University (2025)



次ページへ続く

■ 業績(前ページの続き)

- [3] Application of Operator Theory for the Collatz Conjecture,
[東大作用素環セミナー](#), 東京大学 (2025)
URL: <https://www.ms.u-tokyo.ac.jp/~yasuyuki/mori2025.htm>
- [4] (招待講演) Application of Operator Theory for the Collatz Conjecture,
[BIMSA-Tsinghua Quantum Symmetry Seminar](#), Beijing Institute of
Mathematical Sciences and Applications, Tsinghua University (2025)
URL: (動画) <https://www.youtube.com/watch?v=rMr2tnhGR88>
- [5] Application of Operator Theory for the Collatz Conjecture,
日本数学会2025年度年会, 早稲田大学 (2025)
- [6] コラッツ予想の作用素論的定式化について, 2024年度関数解析研究会, 北海道大学 (2024)

以上