Stanford

Tadashi Tokieda

Professor (Teaching) of Mathematics

Bio

ACADEMIC APPOINTMENTS

- Professor-Teaching, Mathematics

Teaching

COURSES

2026-27

- Differential Equations with Linear Algebra, Fourier Methods, and Modern Applications: MATH 53 (Spr)
- Mathematical Methods of Classical Mechanics: MATH 137 (Win)
- Modern Mathematics: Discrete Methods: MATH 63DM (Spr)

2025-26

- Graduate Teaching Seminar: MATH 355 (Aut)
- Modern Mathematics: Discrete Methods: MATH 63DM (Spr)
- Topics in Applied Math: A world of flows I: MATH 275B (Win)

2024-25

- Modern Mathematics: Discrete Methods: MATH 63DM (Spr)
- Modules and Group Representations: MATH 122 (Spr)
- Topics in Applied Math: Surprises in Special Relativity and Quantum Mechanics: MATH 275B (Win)

2023-24

- Graduate Teaching Seminar: MATH 355 (Aut)
- Modern Mathematics: Discrete Methods: MATH 63DM (Spr)
- Topics in Applied Math I: MATH 275A (Aut)

Publications

PUBLICATIONS

- **An Entropy Proof of the Arithmetic Mean-Geometric Mean Inequality** *AMERICAN MATHEMATICAL MONTHLY*
  Graham, C., Tokieda, T.
  2020; 127 (6): 545–46
- **Surprises in Numerical Expressions of Physical Constants** *AMERICAN MATHEMATICAL MONTHLY*
  Amir, A., Lemeshko, M., Tokieda, T.
  2016; 123 (6): 609-612
- **The Turnover of a Tippy Top** *JOURNAL OF DYNAMICS AND DIFFERENTIAL EQUATIONS*
  Ockendon, H., Ockendon, J. R., Tokieda, T.

2015; 27 (3-4): 929-940