

Curriculum Vitae

Jianrong Tian

Contact Information

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Education

- Ph.D. in Economics, UW-Madison, 2016
- M.S. in Economics, UW-Madison, 2012
- B.S. in Economics, Fudan University, 1999

Academic Positions

- March 2025: Professor, Division of Economics, Liaoning University
- July 2023 - June 2024: Visiting Assistant Professor, National School of Development, Peking University
- July 2016 - June 2023: Assistant Professor in Economics, Faculty of Business and Economics, The University of Hong Kong

Other Visiting Experiences

- University of Pompeu Fabra, Visit to Antonio Penta, Oct 2024 - Jan 2025
- Dept. of Public Finance, Xiamen University, Jul - Sep 2024

Working Papers

- *Implementability without Quasilinearity: The Rochetian Approach*, pdf, Apr 2025.
 - Without assuming quasilinearity, I characterize implementability via a novel cyclical monotonicity condition that generalizes Rochet (1987), under an assumption of compensation flexibility. This characterization is then applied to show that the classical results on implementing monotone allocations in quasilinear settings extend seamlessly to the more general non-quasilinear context, without the need for any regularity assumptions. The approach leverages the ordinal structure intrinsic to the implementability problem and naturally yields extreme incentive compatible transfers.
 - This paper builds on Sections 1–4 of “Implementability Without Quasilinearity” (IWQ), originated from my draft dated November 23, 2023, where the (strong) cyclical monotonicity condition, Theorem 1, the sufficiency direction of Theorem 3, and Theorem 4 were developed under the full-range assumption.

Publications

- “*Informational Separability and Entropy*,” **Journal of Economic Theory**, Vol. 216, Mar 2024.
- “*Optimal Interval Division*,” **Economic Journal**, Vol. 132, Jan 2022.
- “*Informational Herding, Optimal Experimentation, and Contrarianism*,” Lones Smith, Peter Sørensen, and Jianrong Tian, **Review of Economic Studies**, Vol. 88, Oct 2021.
 - About my work in this paper, please see “A Research Note on My Work in This Paper.”

Other Writings

- A Note on Extreme Transfers, Sep 2024, incorporated into “Implementability without Quasilinearity.”

- A comment on Miller (2023)'s endpoint rules, Sep 2024, permanent working paper.
- A note on “Implementing Monotone allocations, a Rochetian approach” and other related thoughts, pdf, Jul 2024.
- Some Tools for Microeconomic Analysis, a Lecture Note, pdf.
- Implementing Monotone Allocations: The Rochetian Approach, pdf, Jianrong Tian and Ju Hu, Jan 2024, (a log on this paper).

Presentations

- 2024: University of Copenhagen, Hong Kong City University, Nanyang Technological University, National University of Singapore, Xiamen University, Fudan University, Shandong University

Referee for

- *Canadian Journal of Economics, Games and Economic Behavior, Journal of Economic Behavior and Organization, Journal of Economic Theory, Journal of Political Economy*

Teaching Experience

- At HKU
 - Econ2285 Mathematic Economics, for undergrads, 2016, 2019-2021.
 - Econ6002 Selected Topics in Microeconomics, for Ph.D. Students, 2019-2022, co- taught in 2020-2022.
 - ECON3215 Uncertainty and Information, for undergrads, 2 times.
 - Econ6011 Microeconomic Theory, Core Course for Master and Ph.D. Students, 2017-2022, co-taught in 2018-2022.
 - Econ1001 Intro-Micro, for first-year undergrads.
 - Econ3234 Behavioural Economics, for undergrads, 2021-2022.

- Econ2285 Mathematic Economics, for undergrads, 2016, 2019-2021.
- At Xiamen University, Summer Program
 - Some Advanced Tools for Microeconomic Analysis, 2024.

Languages

Mandarin, English