

BIN WU

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Capital University of Economics and Business

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EMPLOYMENT

Associate Professor (2022-), Assistant Professor(2019-2022), International School of Economics and Management, Capital University of Economics and Business.

EDUCATION

Ph.D. in Mathematical Economics, National University of Singapore, 2019

Dissertation: Equilibria of Large games and Large Economies.

Advisor: Prof. Yeneng Sun

B.S. in Mathematics, Beijing Normal University, 2014

RESEARCH

Research Interests

Economic Theory, Game Theory, Mathematical Economics

Publications

1. On pure-strategy Nash equilibrium in large games with traits, *Games and Economic Behavior*, **132** (2022):305–315.
2. Pareto-undominated and socially-maximal Nash equilibria with coarser traits (with Hanping Xu), *Economics Letters*, **215** (2022): 110464.
3. Characterization of Nash equilibria of large games (with Haifeng Fu), *Journal of Mathematical Economics*, **85** (2019): 46–51.
4. Socially-maximal Nash equilibrium distributions in large distributional games (with Chuyi Fang), *Economics Letters*, **175** (2019): 42–44.
5. On the characterization of Nash equilibrium action distribution in large distributional games (with Haifeng Fu), *Economics Letters*, **168** (2018): 82–84.

Working Papers

1. “Large economies with social types,” (with Wei He, Yeneng Sun and Nicholas C. Yannelis)
2. “Obvious approximate symmetric equilibrium in games with many players,”(with Enxian Chen and Hanping Xu)

TEACHING

2019-present, Capital University of Economics and Business, Advanced Microeconomics

2015-2018, National University of Singapore, Teaching Assistant: Game Theory, Stochastic Process I, Introductory Mathematics

INVITED SEMINARS AND CONFERENCE PRESENTATIONS

Nanjing International Conference on Game Theory and the 6th Microeconomics Workshop, Nanjing, China, Sep., 2019

Center University of Finance and Economics (China Economics and Management Academy), Beijing, China, Sep., 2019

Fourth PKU-NUS Annual International Conference on Quantitative Finance and Economics, Shenzhen, China, May, 2019

The 18th SAET Conference, Taipei, China, Jun 2018

The 17th SAET Conference, Faro, Portugal, Jun 2017

China Meeting of Econometric Society, Wuhan, China, Jun 2017

Asia Meeting of Econometric Society, Hong Kong, China, Jun 2017

REVIEWER FOR JOURNALS

Annals of Finance, Economics Letters, Economic Theory Bulletin, Journal of Mathematical Economics

SELECTED SCHOLARSHIPS, HONORS AND AWARDS

Research Scholarship, National University of Singapore, 2014–2018

Outstanding Graduate Award, Beijing City, May 2014

National Scholarship, Ministry of Education, China, 2012