Yevgeny Tsodikovich

CONTACT INFORMATION	Ben-Gurion University of the Negev (BGU) Building 72, room 454 Beer Sheva 🇮🇱	tsodikev@bgu.ac.il (+972) 052-871-8099 tsodikovich.com

RESEARCH INTERESTS

Game Theory, Economic Theory, Networks, Opinion Dynamics, Switching Costs.

POSITIONS

Lecturer (Assistant Professor) Ben-Gurion University 🇮🇱	2024-
Postdoctoral Researcher Bar-Ilan University (BIU) 🇮🇱 Hosts: Yuval Heller, Ziv Hellman & Ron Peretz	2022-2024
Postdoctoral Researcher Aix-Marseille School of Economics 🇫🇷	2019-2022

EDUCATION

Tel Aviv University (TAU) 🇮🇱

- Ph.D., Mathematics — 2019
  Thesis: *"Dynamic decision making with long-term binding actions"*
  Advisor: Professor Ehud Lehrer
- M.Sc., Physics — 2011
  Thesis: *"TRIMOR: Three-dimensional correlation technique to analyze multi-order spectra of triple stellar systems; Application to HD 188753"*
  Advisor: Professor Tsevi Mazeh
- B.Sc., Physics and Electrical Engineering, *Cum Laude*. — 2008

The Open University of Israel 🇮🇱

- B.Sc., Mathematics, *Cum Laude*. — 2008

HONORS & AWARDS

- Top 100 Junior Faculty Members (TAs) List, TAU	2015-2019
- The Student Union Lecturer-of-the-Year Award, TAU	2017
- Dean's Award for Excellence in Teaching Faculty of Engineering, TAU	2015,2017
- The Rector's Award for Excellence in Teaching, TAU	2015
- The Ruth and Nathan Eliosef Award for Excellence in Teaching School of Mathematics, TAU	2015

ORGANIZATION

- BIU Economic Theory Seminar	2022-2024

TEACHING EXPERIENCE

Lecturer, BGU - Statistics 1 for Economists - Calculus for Economists	2024-
Lecturer, The Open University of Israel - Game Theory	2017-2019
Lecturer, TAU - Probability Theory for Engineers	2017-2019
Teaching Assistant, TAU - Probability Theory and Statistics for Engineers	2014-2019
Teaching Assistant, The Open University of Israel - Linear Algebra 1 - Mathematics for Students of Social Sciences	2014-2019

REFEREE FOR   Mathematics of Operations Research, Games and Economic Behavior, International Journal of Game Theory, Annals of Operations Research, Sports Economics Review, Operations Research Letters.

STUDENTS   **MA Students**
- Reut Haas   2025-2026
  "Replication Dynamics in Evolutionary Game Theory"

Yevgeny Tsodikovich - Publication List

REFEREED
JOURNAL
PUBLICATIONS

8. Grillo A., Fournier G. & **Tsodikovich Y.**,   2025
"Strategic Flip-Flopping in Political Competition".
International Economic Review

7. Arieli I., Ashkenazi-Golan G., Peretz R. & **Tsodikovich Y.**,   2025
"Minimal Contagious Sets: Degree Distributional Bounds".
Journal of Economic Theory, 226

6. **Tsodikovich Y.**, Venel X. & Zseleva A.,   2024
"Folk Theorems in Repeated Games with Switching Costs".
Games and Economic Behavior, 146

5. **Tsodikovich Y.**, Venel X. & Zseleva A.,   2024
"The Price of History-Independent Strategies in Games With Inter-Temporal Externalities".
Dynamic Games and Applications, 14

4. Ashkenazi-Golan G., **Tsodikovich Y.** & Viossat, Y.,   2023
"I Want to Tell You? Maximizing Revenue in First-Price Two-Stage Auctions".
Economic Theory, 76

3. **Tsodikovich Y.**, Venel X. & Zseleva A.,   2023
"The Regularity of the Value Function of Repeated Games with Switching Costs".
Mathematics of Operations Research, 48(4)

2. **Tsodikovich Y.**,   2021
"The Worst-Case Payoff in Games with Stochastic Revision Opportunities".
Annals of Operations Research, 300(1)

1. **Tsodikovich Y.** & Lehrer E.   2019
"Stochastic Revision Opportunities in Markov Decision Problems".
Annals of Operations Research, 279(1)

WORKING PAPERS
& WORK IN
PROGRESS

5. Lagziel D. & **Tsodikovich Y.**,   R&R at GEB
"AI-Enhanced Decisions and the Humility Threshold".

4. Gilo D., Porat A. & **Tsodikovich Y.**,   Under review
"Addiction to a Network".

3. Milchtaich I., Peretz R. & **Tsodikovich Y.**,   Under review
"Authority Measure for Opinion Dynamics".

2. Kerman T., Tenev A. & **Tsodikovich Y.**,   Under review
"Bayesian Persuasion in Networks: Divisibility and Network Irrelevance".

1. Kerman T., Tenev A. & **Tsodikovich Y.**,
"Bayesian Persuasion in an Unknown Network".

REFEREED
JOURNAL
PUBLICATIONS –
SPACE SCIENCES

5. Bacsardi L., et al. (including **Tsodikovich, Y.**)   2017
"The Current State and the Future of Space Internet – The Space Generation Perspective",
New Space Journal, 5(4)

4. Tal-Or L., et al. (including **Tsodikovich, Y.**)   2011
"CoRoT LRa02_E2_0121: Neptune-Size Candidate Turns Into a Hierarchical Triple System With a Giant Primary",
Astronomy & Astrophysics, 534

3. Vilardell F., et al. (including **Tsodikovich, Y.**)   2011
"The Most Massive Eclipsing Binary With Apsidal Motion",
Bulletin de la Societe Royale des Sciences de Liege, 80

2. Mazeh T., **Tsodikovich Y.**, Segal Y., et al.   2009
"TRIMOR – Three-Dimensional Correlation Technique to Analyze Multi-Order Spectra of Triple Stellar Systems; Application to Hd 188753",
Monthly Notices of the Royal Astronomical Society, 399(2)

1. Loeillet B., et al. (including **Tsodikovich, Y.**)   2008
"Refined Parameters and Spectroscopic Transit of the Super-Massive Planet HD 147506b",
Astronomy & Astrophysics, 481(2)

REPORTS &
BOOKS

1. **Tsodikovich, Y.**   2019
"Solution Manual for 'Game Theory' by Zamir, Maschler & Solan' (2015)" [in Hebrew],
The Open University of Israel, Raanana.

COLLOQUIA,
SEMINARS &
POSTERS

"Authority Measure for Opinion Dynamics"
- The 13th Conference of the Israeli Game Theory Society   June 2024
  Bar-Ilan 🇮🇱
- 4th Durham Economic Theory Conference   June 2024
  Durham 🇬🇧
- 27th Annual Coalition Theory Network Conference   June 2024
  Budapest 🇭🇺

"Minimal Contagious Sets: Degree Distributional Bounds"
- GSBE-ETBC Seminar   December 2023
  Maastricht 🇳🇱
- Alpine Game Theory Symposium   June 2023
  Grenoble 🇫🇷
- 26th Annual Coalition Theory Network Conference   May 2023
  Bielefeld 🇩🇪
- Adaptive Learning & Opinion Dynamics in Social Networks   February 2023
  Bar-Ilan 🇮🇱

"'AI-Enhanced Decisions and the Humility Threshold"
- The 12th Conference of the Israeli Game Theory Society   March 2023
  Tel Aviv 🇮🇱
- SING17 – European Meeting on Game Theory   July 2022
  Online
- SMGT2022 – 7th Workshop on Stochastic Methods in Game Theory   May 2022
  Erice 🇮🇹

"I Want to Tell You? Maximizing Revenue in First-Price Two-Stage Auctions"
- Games 2020.1 – 6th World Congress of the Game Theory Society   July 2021
  Budapest 🇭🇺
- 20th Journées Louis-André Gérard-Varet   June 2021
  Marseille 🇫🇷
- XXIX European Workshop on Economic Theory   June 2021
  Akko 🇮🇱

"The Regularity of the Value Function of Repeated Games with Switching Costs"
- SING16 – European Meeting on Game Theory   July 2021
  Online
- One World Mathematical Game Theory Seminar   February 2021
  Online

The Worst-Case Payoff in Games with Stochastic Revision Opportunities
- SING14 – European Meeting on Game Theory   July 2018
  Bayreuth 🇩🇪

Stochastic Revision Opportunities in Markov Decision Problems
- Workshop on Stopping Time Problems in Game Theory   July 2018
  Stony Brook 🇺🇸