

CONTACT INFORMATION	Ben-Gurion University of the Negev (BGU) Building 72, room 454 Beer Sheva, Israel	tsodikev@bgu.ac.il (+972) 052-871-8099 tsodikovich.com
RESEARCH INTERESTS	Game Theory, Economic Theory, Opinion Dynamics, Networks, Switching Costs.	
POSITIONS	<b>Lecturer (Assistant Professor)</b> Ben-Gurion University, Israel	2024-
	<b>Postdoctoral Researcher</b> Bar-Ilan University (BIU), Israel Hosts: Yuval Heller, Ziv Hellman & Ron Peretz	2022-2024
	<b>Postdoctoral Researcher</b> Aix-Marseille School of Economics, France	2019-2022
EDUCATION	<b>Tel Aviv University (TAU), Israel</b>	
	Ph.D., Mathematics Thesis: <i>“Dynamic decision making with long-term binding actions”</i> Advisor: Professor Ehud Lehrer	2019
	M.Sc., Physics Thesis: <i>“TRIMOR: Three-dimensional correlation technique to analyze multi-order spectra of triple stellar systems; Application to HD 188753”</i> Advisor: Professor Tsevi Mazeh	2011
	B.Sc., Physics and Electrical Engineering, <i>Cum Laude.</i>	2008
	<b>The Open University of Israel, Israel</b>	
	B.Sc., Mathematics, <i>Cum Laude.</i>	2008
HONORS & AWARDS	<ul style="list-style-type: none"> <li>• Top 100 Junior Faculty Members (TAs) List, TAU</li> <li>• The Student Union Lecturer-of-the-Year Award, TAU</li> <li>• Dean’s Award for Excellence in Teaching Faculty of Engineering, TAU</li> <li>• The Rector’s Award for Excellence in Teaching, TAU</li> <li>• The Ruth and Nathan Eliosef Award for Excellence in Teaching School of Mathematics, TAU</li> </ul>	2015-2019 2017 2015,2017 2015 2015
ORGANIZATION	• BIU Economic Theory Seminar	2022-2024
TEACHING EXPERIENCE	<b>Lecturer, BGU</b>	2024-
	<ul style="list-style-type: none"> <li>• Statistics for Economists 1</li> <li>• Calculus for B.A. in Economics</li> <li>• Opinion Dynamics on Networks Seminar</li> </ul>	
	<b>Lecturer, The Open University of Israel</b>	2017-2019
	• Game Theory	
	<b>Lecturer, TAU</b>	2017-2019
	• Probability Theory for Engineers	
	<b>Teaching Assistant, TAU</b>	2014-2019
	• Probability Theory and Statistics for Engineers	

**Teaching Assistant**, The Open University of Israel

2014-2019

- Linear Algebra 1
- Mathematics for Students of Social Sciences

REFEREE FOR

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

## Yevgeny Tsodikovich - Publication List

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|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFEREED<br>JOURNAL<br>PUBLICATIONS                     | <p>6. <b>Tsodikovich Y.</b>, Venel X. &amp; Zseleva A., 2024<br/> <i>"Folk theorems in repeated games with switching costs"</i>.<br/>           Games and Economic Behavior, 146</p> <p>5. <b>Tsodikovich Y.</b>, Venel X. &amp; Zseleva A., 2024<br/> <i>"The Price of History-Independent Strategies in Games With Inter-Temporal Externalities"</i>.<br/>           Dynamic Games and Applications</p> <p>4. Ashkenazi-Golan G., <b>Tsodikovich Y.</b> &amp; Viossat, Y., 2023<br/> <i>"I Want To Tell You? Maximizing Revenue in First-Price Two-Stage Auctions"</i>.<br/>           Economic Theory, 76</p> <p>3. <b>Tsodikovich Y.</b>, Venel X. &amp; Zseleva A., 2023<br/> <i>"The Regularity of the Value Function of Repeated Games with Switching Costs"</i>.<br/>           Mathematics of Operations Research, 48(4)</p> <p>2. <b>Tsodikovich Y.</b>, 2021<br/> <i>"The Worst-Case Payoff in Games with Stochastic Revision Opportunities"</i>.<br/>           Annals of Operations Research, 300(1)</p> <p>1. <b>Tsodikovich Y.</b> &amp; Lehrer E. 2019<br/> <i>"Stochastic Revision Opportunities in Markov Decision Problems"</i>.<br/>           Annals of Operations Research, 279(1)</p> |
| WORKING PAPERS<br>& WORK IN<br>PROGRESS                 | <p>6. Arieli I., Ashkenazi-Golan G., Peretz R. &amp; <b>Tsodikovich Y.</b>, R&amp;R at JET<br/> <i>"Minimal Contagious Sets: Degree Distributional Bounds"</i>.</p> <p>5. Grillo A., Fournier G. &amp; <b>Tsodikovich Y.</b>, R&amp;R at IER<br/> <i>"Strategic flip-flopping in political competition"</i>.</p> <p>4. Lagziel D. &amp; <b>Tsodikovich Y.</b>, Under review<br/> <i>"AI-enhanced Decisions and the Humility Threshold"</i>.</p> <p>3. Gilio D., Porat A. &amp; <b>Tsodikovich Y.</b>, Under review<br/> <i>"Addiction to a Network"</i>.</p> <p>2. Milchtaich I., Peretz R. &amp; <b>Tsodikovich Y.</b>,<br/> <i>"Centrality Measure for Opinion Dynamics"</i>.</p> <p>1. Lagziel D., Raveh O. &amp; <b>Tsodikovich Y.</b>,<br/> <i>"On the Dynamics of Political Campaigns"</i>.</p>                                                                                                                                                                                                                                                                                                                                                                                                        |
| REFEREED<br>JOURNAL<br>PUBLICATIONS –<br>SPACE SCIENCES | <p>5. Bacsardi L., et al. (including <b>Tsodikovich, Y.</b>) 2017<br/> <i>"The current state and the future of space internet – the Space Generation Perspective"</i>,<br/>           New Space Journal, 5(4)</p> <p>4. Tal-Or L., et al. (including <b>Tsodikovich, Y.</b>) 2011<br/> <i>"CoRoT LRA02_E2.0121: Neptune-size candidate turns into a hierarchical triple system with a giant primary"</i>,<br/>           Astronomy &amp; Astrophysics, 534</p> <p>3. Vilardell F., et al. (including <b>Tsodikovich, Y.</b>) 2011<br/> <i>"The most massive eclipsing binary with apsidal motion"</i>,<br/>           Bulletin de la Societe Royale des Sciences de Liege, 80</p> <p>2. Mazeh T., <b>Tsodikovich Y.</b>, Segal Y., et al. 2009<br/> <i>"TRIMOR – Three-dimensional correlation technique to analyze multi-order spectra of triple stellar systems; Application to HD 188753"</i>,<br/>           Monthly Notices of the Royal Astronomical Society, 399(2)</p>                                                                                                                                                                                                                               |

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

**"Centrality Measure for Opinion Dynamics"**

- The 13th Conference of the Israeli Game Theory Society June 2024  
*Bar Ilan, Israel*
- 4th Durham Economic Theory Conference June 2024  
*Durham, UK*
- 27th Annual Coalition Theory Network Conference June 2024  
*Budapest, Hungary*

**"Minimal Contagious Sets: Degree Distributional Bounds"**

- GSBE-ETBC Seminar December 2023  
*Maastricht, Netherlands*
- Alpine Game Theory Symposium June 2023  
*Grenoble, France*
- 26th Annual Coalition Theory Network Conference May 2023  
*Bielefeld, Germany*
- Adaptive Learning & Opinion Dynamics in Social Networks February 2023  
*Bar Ilan, Israel*

**"AI-enhanced Decisions and the Humility Threshold"**

- The 12th Conference of the Israeli Game Theory Society March 2023  
*Tel Aviv, Israel*
- SING17 – European Meeting on Game Theory July 2022  
*Online*
- SMGT2022 – 7th Workshop on Stochastic Methods in Game Theory May 2022  
*Erice, Italy*

**"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, Hungary*
- 20th Journées Louis-André Gérard-Varet June 2021  
*Marseille, France*
- XXIX European Workshop on Economic Theory June 2021  
*Akko, Israel*

**"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, Germany*

**Stochastic Revision Opportunities in Markov Decision Problems**

- Workshop on Stopping Time Problems in Game Theory July 2018  
*Stony Brook, USA*