Curriculum Vitae
Tomer Ezra
Date: 13.09.2023

Personal details

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Homepage: https://tomer-ezra.github.io/

Languages: Hebrew (mother tongue), English (fluent)

Education

[2016-2022]: PhD in Computer Science, Tel Aviv University, under the supervision of Prof. Michal Feldman. Dissertation Title: Simple Algorithms for Limited Information Settings

[2011-2016]: MSc. in Computer Science, Tel Aviv University, under the supervision of Prof. Michal Feldman

[2005-2010]: BSc in Computer Science, The Open University (Summa cum Laude)

Professional Experience and Appointments

[2023]: Distinguished Research Postdoctoral Fellow supported by the Alfred P. Sloan Foundation at Simons Laufer Mathematical Sciences Institute

[2021-2023]: Postdoc, Sapienza University of Rome, hosted by Prof. Stefano Leonardi

[2020]: Summer research internship at Amazon, Alexa Shopping Science Team

[2019-2020]: Consultant at Pagaya

[2015]: Summer internship at Facebook as a software developer

[2009-2014]: Research officer at IDF

Teaching

[2022]: Algorithm Design, Sapienza University of Rome, Italy

[2016]: Programming Languages, Tel Aviv University, Israel

[2015]: Complexity, Tel Aviv University, Israel

Honors and Awards

[2021]: The Deutsch Prize, Tel Aviv University

[2009]: Representing Israel in the International Olympiad in Informatics

[2010]: Bronze medal in SEEMOUS Olympiad for math

[2009]: Dean's list, The Open University

[2008]: Rector's list, The Open University

[2007]: Dean's list, The Open University

[2006]: Dean's list, The Open University

Conference Proceedings Publications (Peer-Reviewed):

1. **Tomer Ezra**, Stefano Leonardi, Rebecca Reiffenhäuser, Matteo Russo, and Alexandros Tsigonias-Dimitriadis:
   "Prophet Inequalities via the Expected Competitive Ratio", (WINE'23), 2023

2. **Tomer Ezra**, and Tamar Garbuz:
   "The Importance of Knowing the Arrival Order in Combinatorial Bayesian Settings", (WINE'23), 2023

3. Ben Berger, **Tomer Ezra**, Michal Feldman, and Federico Fusco:
   "Pandora's Problem with Combinatorial Costs", (EC'23), 2023

4. Paul Duetting, **Tomer Ezra**, Michal Feldman, and Thomas Kesselheim:
   "Multi-Agent Contracts", Annual Symposium on Theory of Computing (STOC'23), 2023

5. **Tomer Ezra**, Michal Feldman, Nick Gravin, and Zhihao Gavin Tang:
   "``Who is Next in Line?" On the Significance of Knowing the Arrival Order in Bayesian Online Settings", (SODA'23), 2023

6. **Tomer Ezra**, Michal Feldman, Nick Gravin, and Zhihao Gavin Tang:
   "Secretary Matchings with General Arrivals", (EC'22), 2022

7. Moshe Babaioff, **Tomer Ezra**, and Uriel Feige:
   "Best-of-Both-Worlds Fair-Share Allocation", (WINE'22), 2022

8. Moshe Babaioff, **Tomer Ezra**, and Uriel Feige:
   "Fair and Truthful Mechanisms for Dichotomous Valuations", Conference on Artificial Intelligence (AAAI'21) 2021

9. Moshe Babaioff, **Tomer Ezra**, and Uriel Feige:
   "Fair-Share Allocations for Agents with Arbitrary Entitlements", ACM Conference on Economics and Computation (EC'21), 2021

10. **Tomer Ezra**, Michal Feldman, and Ron Kupfer:
    "On a Competitive Secretary Problem with Deferred Selections", International Joint Conference on Artificial Intelligence (IJCAI'21), 2021

11. **Tomer Ezra**, Michal Feldman, and Ron Kupfer:
    "Prophet Inequality with Competing Agents", International Symposium on Algorithmic Game Theory (SAGT'21), 2021

12. Paul Duetting, **Tomer Ezra**, Michal Feldman, and Thomas Kesselheim:
    "Combinatorial Contracts", Annual Symposium on Foundations of Computer Science (FOCS'21), 2021

13. **Tomer Ezra**, Michal Feldman, and Ophir Friedler:
    "A General Framework for Endowment Effects in Combinatorial Markets", ACM Conference on Economics and Computation (EC'20), 2020

14. **Tomer Ezra**, Michal Feldman, Nick Gravin, and Zhihao Gavin Tang:
    "Online Stochastic Max-Weight Matching: Prophet Inequality for Vertex and Edge Arrival Models", ACM Conference on Economics and Computation (EC'20), 2020

15. **Tomer Ezra**, Michal Feldman, Eric Neyman, Inbal Talgam-Cohen, and Matthew Weinberg: "Settling the Communication Complexity of Combinatorial Auctions with Two Subadditive Buyers", Annual Symposium on Foundations of Computer Science (FOCS'19), 2019

16. **Tomer Ezra**, Michal Feldman, and Ilan Nehama: "Prophets and Secretaries with Overbooking", ACM Conference on Economics and Computation (EC'18), 2018

17. **Tomer Ezra**, Michal Feldman, Tim Roughgarden, and Warut Suksompong: "Pricing Identical Items", Conference on Web and Internet Economics (WINE'18), 2018

18. Alon Eden, **Tomer Ezra**, and Michal Feldman: "Pricing Social Goods", European Symposium on Algorithms (ESA'17), 2017

Journal Publications:

1. **Tomer Ezra**, Michal Feldman, Nick Gravin, and Zhihao Gavin Tang: "Prophet Matching with General Arrivals", Mathematics of Operations Research (MOR), 2021

2. **Tomer Ezra**, Michal Feldman, and Ophir Friedler: "A General Framework for Endowment Effects in Combinatorial Markets", SIGecom Exchanges, 2020

3. **Tomer Ezra**, Michal Feldman, Tim Roughgarden, and Warut Suksompong: "Pricing Multi-Unit Markets", ACM Transactions on Economics and Computation (TEAC), 2020

Preprints:

19. Georgios Birmpas, **Tomer Ezra**, Stefano Leonardi, and Matteo Russo: "Fair Division with Interdependent Values"

Service:

Program committee:
- ACM Conference of Economics and Computation (EC'21, EC'22, EC'23)
- Conference on Web and Internet Economics (WINE'21, WINE'23)
- The Web Conference (WWW'23)
- The International Symposium on Algorithmic Game Theory (SAGT'23)

Reviewer:
FOCS, STOC, SODA, EC, WINE, SAGT, ESA, WWW, SOSA, ICALP, APPROX, TEAC, MOR, OR, GEB, MSS.