Eyran J. Gisches

Personal Details
Name: Eyran J. Gisches
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Education
2010: Ph.D. in Management with concentration in Management of Information Systems, Eller College, University of Arizona.
2001: Advanced Computer Programming Training, Technion, Israel Institute of Technology, advanced studies unit, Tel-Aviv, Israel.
2002: M.B.A., Major in Finance, Minor in Accounting, Hebrew University, Jerusalem, Israel.
1995: B.Sc. Civil Engineering, Technion, Israel Institute of Technology, Haifa, Israel.

Current Employment
2018-Current: Senior Lecturer, Department of Management Information Systems, Eller College, University of Arizona.
2010-2018: Lecturer, Department of Management Information Systems, Eller College, University of Arizona.
2007-Current: Lab Manager, Decision Behavior Laboratory, Eller College, University of Arizona.

Previous Work Experience
2011: Visiting Scholar, The Hebrew University, Jerusalem, Israel.
2001-2004: Programmer and Research Assistant, The Hebrew University, Jerusalem, Israel.
1998-2000 Civil Engineer: Project Management and Supervision.
Jerusalem, Israel.

Research Interests
Behavioral Operations Management, Interactive Decisions in Networks, Revenue Management.

Teaching
MIS578 – Project Management
MIS576 – Operations Management
OSCM560 – Operations Management (in-person & online)
MIS478 – Project Management
MIS473B – Production and Operations Management
OSCM373 – Basic Operations Management (in-person & online)

Publications

1. Braess paradox in the laboratory: An experimental study of route choice in traffic networks with asymmetric costs (2008) (with Rapoport, A., Kugler, T., Dugar, S.), in press. In Kugler, T., Smith J. C., Connolly, T. and Son Y. J. (Eds.) *Decision modeling and behavior in uncertain and complex environments*. New York: Springer, p. 309-337

2. Choice of routes in traffic networks: Experimental tests of the Braess paradox (2008) (with Rapoport, A., Kugler, T. & Dugar, S.), *Games and Economic Behavior* 65(2):538-571.

3. Departure Times in Y-Shaped Traffic Networks with Multiple Bottlenecks (2009) (with Daniel, T. & Rapoport A.), *American Economic Review* 99(5):2149-2176.

4. Degrading Network Capacity May Improve Performance: Private vs. Public Monitoring in the Braess Paradox (2010) (with Rapoport A.), *Theory and Decision*. Published online Dec. 2010.

5. Competitive Dynamic Pricing with Alternating Offers: Theory and Experiment (2012) (with Mak, V. & Rapoport A.), *Games and Economic Behavior*. 75:250-264.

6. Distributed Decisions in Networks: Laboratory Study of Routing Splittable Flow (2014) (with Rapoport A., Mak V. and J. Han) *Production and Operations Management Society*. 23(2):314-331.

7. Purchasing Scarce Products under Dynamic Pricing: An experimental Investigation (2014) (with Mak V. and Rapoport A.). *Manufacturing & Service Operations Management*. 16(3)425-438.

8. Pre-trip Information and Route Choice Decisions with Stochastic Conditions: Experiment (2014). (with Lindsey R., Daniel T., and Rapoport, A.). *Transportation Research B.* (68)154-172.

9. Pre-trip Information and Route Choice Decisions with Stochastic Conditions: Theory (2014). (with Lindsey R., Daniel T., and Rapoport, A *Transportation Research B.* (67)187-207.

10. Route vs. Segment: An Experiment on Real-Time Travel Information in Congestible Networks (2015) (with Rapoport A. & Mak, V.). *Production and Operations Management Society.* (24)947-960.

11. The Braess Paradox and Coordination Failure in Directed Networks with Mixed Externalities (2017) (with Mak, V., Rapoport A. & Seale D.). *Production and Operations Management Society*.

12. Dynamic Pricing Decisions and Seller-Buyer Interactions under Capacity Constraints (2018) (with Mak, V., Rapoport A.). *Games - Special Issue Logistics Games*.

13. A Network Ridesharing Experiment with Sequential Choice of Transportation Model (with Mak. V, Seale D., Cheng M., Moon M., Yang R. and Rapoport A.). *Theory and Decision*. In press.

14. Voting Rules in Sequential Search by Committees: Theory and Experiments (2019) (with Mak. V, Seale D. and Rapoport A.). *Management Science*. 65 (9), 3949-4450.

15. When a few undermine the whole: A class of social dilemmas in ridesharing (2019) (with Mak. V, Qi H. and Rapoport A.). *Journal of Economic Behavior and Organization*.
16. Strategic Retailers and Myopic Consumers: Competitive Pricing of Perishable Goods under Duopoly (2021) (with Qi H., Becker W. and Rapoport R.). *Journal of Behavioral and Experimental Economics*.
17. Strategic Decisions in Directed Networks: Experiments on Queueing, Route Choice, and Departure Time (with Rapoport A. & Mak V.) (2022). *Cambridge Scholars Publishing*.
18. Package Deals in Multi-issue Bilateral Bargaining (2022) (with Rapoport A., Seale D., Kugler T. & Jie Y). *Journal of Behavioral Decision Making*. In Press.

Submitted Papers
1. The Downs Thompson Paradox with Endogenously Determined Departure Times (with Otsubo H. & Rapoport A.).

Working Papers and Work in Progress
1. The impact of Competition on Immoral Behavior (with Kugler T. & Cardella E.)
2. Weighted Minority Games (with Rapoport A & Seale D.).

Awards
1. James F. LaSalle Award for Teaching Excellence as a Graduate Student Instructor, December 2008
2. Course Improvement Award, April 2014.
3. Teaching Innovation Award, May 2017.
4. Undergraduate Faculty Member of Year in Upper Division, May 2020.

Grants
1. National Science Foundation $274,000, August 2010. Routing in Congestible Networks.

Refereeing
- Ad hoc referee: Production and Operations Management Society Journal (PMS), National Science Foundation (NSF).

Presentations
1. Asian-Pacific Economics Science Association, Haifa University Israel, March 2009. "Dynamic Pricing in a Duopoly with Myopic or Strategic Consumers".
2. Behavioral Operations Conference, Syracuse University USA, June 2009. "Dynamic Pricing with Strategic Consumers under Inventory Constraints"
3. North-American Economics Science Association, Tucson AZ, USA, November 2009. "Information Paradox in Congested Traffic Networks".
4. Economic Science Laboratory, Tucson AZ, USA, May 2010. "Information Paradox in Congested Traffic Networks".

5. System and Industrial Engineering, University of Arizona, Tucson AZ, USA, October 2010. "Degrading Network Capacity May Improve Performance: Private vs. Public Monitoring in the Braess Paradox"
6. Department of Statistics, Hebrew University of Jerusalem, Israel, April 2011. "Departure Times in Y-Shaped Traffic Networks with Multiple Bottlenecks".
7. The 14th International Conference on Social Dilemmas, Amsterdam, Netherlands, July 2011. "An Information Paradox In Traffic Networks".
8. INFORMS Annual Meeting 2012, Phoenix AZ, USA, October 2012. "Distributed Choices in Networks: Routing of Splittable Flow".
9. North-American Economics Science Association, Tucson AZ, USA, November 2012. "Distributed Choices in Networks: Routing of Splittable Flow ".