

## Burak Gökgür

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<b>Contact Information</b>	Sabancı Business School Sabancı University Orta Mahalle, Tuzla 34956, İstanbul, Turkey	<i>E-mail:</i> burak.gokgur@sabanciuniv.edu
<b>Academic Position</b>	<b>Sabancı University</b> , İstanbul, Turkey Assistant Professor of Operations Management, 2018 - present	
<b>Degrees</b>	<b>Koç University</b> , İstanbul, Turkey Ph.D., Operations Management and Information Systems, 2018 <b>İzmir University of Economics</b> , İzmir, Turkey M.Sc., Intelligent Production Systems Engineering, July 2013 B.S., Industrial Systems Engineering, June 2010	
<b>Research Interests</b>	<b>Applications:</b> <ul style="list-style-type: none"><li>Retail Operations, Online Retailing, Interface of Operations Management and Marketing, Data-Driven Decision Making, Revenue Management, Supply Chain Management and Scheduling</li></ul> <b>Methodologies:</b> <ul style="list-style-type: none"><li>Dynamic Programming, Game Theory, Integer Programming</li></ul>	
<b>Refereed Journal Publications</b>	Gökgür, B., and Karabatı, S. Randomized Pricing of a Storable Good in the Presence of Consumer Stockpiling, <i>OR Spectrum</i> , forthcoming. Karabağ, O., and Gökgür, B., Integrated optimization of pricing, manufacturing, and procurement decisions of a make-to-stock system operating in a fluctuating environment, <i>International Journal of Production Research</i> , 2022, DOI: 10.1080/00207543.2022.2152127. Gökgür B., and Özpeynirci, S., Minimization of Number of Tool Switching Instants in Automated Manufacturing Systems: Heuristic and Constraint Programming Approaches, <i>Gazi University Journal of Science</i> , <b>35</b> (1), 113-130, 2022. Gökgür, B., and Karabatı, S. Dynamic and Targeted Bundle Pricing of two Independently Valued Products, <i>European Journal of Operational Research</i> , <b>279</b> (1), 184-198, 2019. Gökgür, B., Özpeynirci, S., and Hnich, B. Parallel Machine Scheduling with Tool Loading: A Constraint Programming Approach, <i>International Journal of Production Research</i> . <b>56</b> (16), 5541-5557, 2018. Özpeynirci, S., Gökgür, B., and Hnich, B. Parallel Machine Scheduling with Tool Loading. <i>Applied Mathematical Modelling</i> . <b>40</b> (9-10), 5660-5671, 2016. Gökgür, B., Gökçe, M.A., and Özpeynirci, S. Large-Scale Disassembly Operations Planning with Parallel Resources. <i>International Journal of Advanced Manufacturing Technology</i> . <b>81</b> (5),1195-1214, 2015.	
<b>Working Papers</b>	Gökgür B., and Karabatı, S., Trade Promotions with One-Time Bundle Discounts.	

## Projects

*An Integrated Approach to Product Line Design and Pricing Policies in the Presence of Variability in Use Phase Behaviors of Consumers and Extended Producer Responsibility Programs*, with Selçuk Karabatı and Güneş Biliciler, TÜBİTAK (The Scientific and Technological Research Council of Turkey), March, 2023 - present.

*Machine Learning Applications in Bundle Pricing Problem to Learn Product Valuations*, with Ezgi Karabulut Türkseven, TÜBİTAK (The Scientific and Technological Research Council of Turkey), March, 2022 - present.

*Assignment and Scheduling Problems in Flexible Manufacturing Systems*, with Selin Özpeynirci, TÜBİTAK (The Scientific and Technological Research Council of Turkey), April, 2011 - May, 2013.

*Production Planning and Scheduling in Keskinoğlu Poultry Organization*, with Mahmut Ali Gökçe, September, 2009 - August, 2010.

## Teaching Experience

Sabancı University, İstanbul, Turkey

*Faculty Member*

**September, 2018 - present**

- MGMT 201: Introduction to Management, Undergraduate Program (Core).
- OPIM 408: Retail Operations and Marketing Analytics, Undergraduate Program (Area Elective).
- BAN 527: Descriptive Analytics, M.Sc. Business Analytics Program (Core).
- OPIM 611: Modeling in Operations Management, Ph.D. Program in Operations Management (Core)

Koç University, İstanbul, Turkey

*Teaching Assistant*

**September, 2013 - June, 2018**

- Operations Management (OPSM 301, OPSM 501),
- Supply Chain Management (OPSM 305),
- Operations Strategy (OPSM 410)

İzmir University of Economics, İzmir, Turkey

*Teaching Assistant*

**September, 2010 - August, 2013**

- Production Systems Analysis (ISE 216), Stochastic Models (ISE 305), Combinatorial Optimization (ISE 310), Production Planning, Design and Control (ISE 315), Art of Mathematical Modeling (ISE 336), Network Optimization (ISE 415), Quantitative Production Planning (ISE 421)

*Student Assistant*

**September 2009 to June 2010**

- Engineering Statistics-I (MATH 223), Advanced Manufacturing Systems (ISE 314), Production Planning, Design and Control (ISE 315)

## Conferences and Proceedings

Erzurumlu, İ. and Gökgür B. To Donate or Not to Donate: Dealing with Unsold Luxury Goods, In: EMAC Conference, Odense, Denmark, 2023.

Erzurumlu, İ. and Gökgür B. To Donate or Not to Donate: Dealing with Unsold Luxury Goods, In: 5th Monaco Luxury Symposium, Monaco, 2023.

Gökgür B., Karabatı S., and Biliciler G. A Design and Pricing Problem of Eco-Friendly Product With Heterogeneous Eco-Conscious Consumers, In: 5th EURO Working Group on Retail Operations, İstanbul, Turkey, October, 2022.

- Gökgür B. and Karabatı S. Randomized Pricing with Consumer Stockpiling, INFORMS Annual Meeting, Seattle, WA, October, 2019.
- Gökgür B. and Karabatı S. Dynamic and Targeted Bundle Pricing of two Independently Valued Products In: *3rd EURO Working Group on Retail Operations, (EWG Retail)*, Eindhoven, Netherlands, May, 2018.
- Gökgür B. Amazon's Supply Chain Optimization Summit, Seattle, WA, October, 2016.
- Gökgür B. and Karabatı S. Bağlı-Paket Yaklaşımı ile Satılma Teşvikleri In: *Yöneylem Araştırması/Endüstri Mühendisliği 35. Ulusal Kongresi, (YA/EM 2015)*, Ankara, Turkey, September, 2015.
- Özpeynirci S. and Gökgür B. Scheduling with Tool Switching in Flexible Manufacturing Systems In: *2nd International Conference on Operations Research and Enterprise Systems, (ICORES 2013)*, Barcelona, Spain, February, 2013.
- Özdemirel A., Gökgür B. and Eliyi D.T. An assignment and routing problem with time windows and capacity restriction In: *Proceedings of The 15th Meeting of the EURO Working Group on Transportation, (EWGT 2012)*, Paris, France, September, 2012.
- Gökgür B., Hnich B. and Özpeynirci, S. Mathematical modelling and constraint programming approaches for operation assignment and tool loading problems in flexible manufacturing systems. In: *21st International Symposium on Mathematical Programming, (ISMP 2012)*, Berlin, Germany, August, 2012.
- Gökgür B., Gökçe, M.A. and Özpeynirci, S. Scheduling for Disassembly Systems. In: *21st International Symposium on Mathematical Programming, (ISMP 2012)*, Berlin, Germany, August, 2012.
- Gökgür B., Gökçe, M.A. and Özpeynirci, S. Scheduling for Disassembly Systems In: *25th Conference Of European Chapter On Combinatorial Optimization, (ECCO)*, Antalya, Turkey, April, 2012. Abstract Book.
- Özdemirel A., Eliyi D.T. and Gökgür B. An Assignment-Based Approach for Distributing Donated Items to Indigent Residents In: *International Conference on Operations Research 2011, (OR 2011)*, Zurich, Switzerland, August, 2011. Abstract Book.
- Gökçe, M.A., and Gökgür B. Disassembly Planning and Application in Keskinöğlü Poultry In: *International Conference on Operations Research 2011, (OR 2011)*, Zurich, Switzerland, August, 2011. Abstract Book.
- Özpeynirci, S., and Gökgür B. A Tabu Search Algorithm for Scheduling with Tool Assignment in Flexible Manufacturing Systems. In: *The 24th Conference of the European Chapter on Combinatorial Optimization, (ECCO)*, Amsterdam, Netherlands, May-June, 2011. Abstract Book.
- Gökçe, M.A., Gökgür B., Elverdi E., Er E. and Gördesli T. Production Planning and Control at an Integrated Poultry Organization. In: *Proceedings of the 24th Mini EURO Conference*, İzmir, Turkey, June, 2010.

## References

Available upon request