

## NAGİHAN ÇÖMEZ DOLGAN

Faculty of Business, Ozyegin University

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### WORK EXPERIENCE

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Associate Professor, Ozyegin University, Istanbul	February 2020 to present
Associate Professor, Istanbul Sehir University, Istanbul	August 2016 to February 2020
Assistant Professor, Istanbul Sehir University, Istanbul	January 2015 to August 2016
Assistant Professor, Bilkent University, Ankara	September 2007-January 2015
Teaching Assistant, The Univ. of Texas at Dallas	August 2002-August 2007
Production planning department, Cak Textile, Istanbul	February - August 2002

### EDUCATION

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<b>The University of Texas at Dallas</b> , Richardson, TX <i>PhD in Operations Management</i> <i>Advisor: Prof. Kathryn E. Stecke</i> <i>Dissertation: Inventory Sharing and Planning Coordination in Centralized and Decentralized Systems</i>	August 2007
<b>The University of Texas at Dallas</b> , Richardson, TX <i>MS-MAS in Supply Chain Management</i>	August 2005
<b>Bogazici University</b> , Turkey <i>BS in Industrial Engineering</i>	June 2001

### RESEARCH INTERESTS

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- Inventory management
  - Inventory sharing through transshipments
  - Coordinated pricing and inventory management
  - Empirical investigation of inventory theories
- Retail operations management
  - Co-storing
  - Assortment planning

## PUBLICATIONS

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- Çömez-Dolgan, N., Haidar-Moussawi, L., Esmer, B., Jaber, M.Y. 2020. “Temporary Price Increase During Replenishment Leadtime”, *Applied Mathematical Modelling*, 78, pp. 217-231.
- Haidar-Moussawi, L., Çömez Dolgan, N. 2017. “Rent Contracts Between Co-Stores”, *European Journal of Operational Research*, 258, pp. 912-925.
- Çömez Dolgan, N., B. Tanyeri. 2015. “Inventory Performance with Pooling: Evidence from Mergers and Acquisitions”, *International Journal of Production Economics*, 168, pp. 331-339.
- Çömez Dolgan, N., N. Nilgun-Fescioglu. 2015. “Managing Transshipments in a Multi-Retailer System with Approximate Policies”, *Journal of the Operational Research Society*, 66, pp. 947-964.
- Çömez Dolgan, N. 2013. "Alternative Transshipment Policies for Centralized Multi-retailer Systems" (In Turkish), *Iktisat Isletme ve Finans*, 28(329), pp.49-74.
- Çömez, N., M. Çakanyıldırım, K.E. Stecke. 2013. "Optimal Transshipments and Reassignments Under Periodic or Cyclic Holding Cost Accounting", *Journal of the Operational Research Society*, 64, pp.1517-1539.
- Çömez, N., K.E. Stecke, M. Çakanyıldırım. 2012. "In-Season Transshipments among Competitive Retailers", *Manufacturing & Service Operations Management*, 14 (2), pp. 290-300.
- Çömez, N., K.E. Stecke, M. Çakanyıldırım. 2012. "Multiple In-Cycle Transshipments with Positive Delivery Times", *Production and Operations Management*, 21 (2), pp.378-395.
- Çömez, N., T. Kiessling. 2012. "Joint Inventory and Constant Price Decisions for a Continuous Review System", *International Journal of Physical Distribution & Logistics Management*, 42 (2), pp. 174-202.
- Çömez, N., K.E. Stecke, M. Çakanyıldırım. 2010. Meeting Correlated Spare Part Demands with Optimal Transshipments. *International Journal of Strategic Decision Sciences* 1(2) 1-27.

## WORKING/ SUBMITTED STUDIES

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- “Transshipment Price Negotiation and Coordination of Two Independent Retailers”, M. Çakanyıldırım, N. Comez Dolgan, and K.E. Stecke. Under revision for *Production and Operations Management*.
- “Optimal Assortment Planning for Retailers Using Transshipments”, N. Comez Dolgan, A. Sen, H. Dag. Under revision for *Production and Operations Management*.
- “The Effect of Lean Operations on Financial Distress: A Dynamic Perspective”, Comez-Dolgan, N., Mai, F., Zhao, X. Under revision for *Journal of Operations Management*.
- “A Buyer-Vendor System with Untimely Delivery Costs: Traditional Coordination vs. VMI with Consignment Stock”, Çömez-Dolgan, N., Haidar-Moussawi, L., Jaber, M.Y. Under revision for *Computers and Industrial Engineering*.
- “Capacitated Strategic Assortment Planning Under Explicit Demand Substitution”, N. Comez Dolgan, N. Fescioglu-Unver, E. Cephe. Under review at *Journal of the Operational Research Society*.

## **RESEARCH GRANTS**

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- Tübitak Career Grant, 3501, “Transshipments (Inventory Sharing) Policies Between Retailers”, April 2011-November 2013, total budget of around 94 000 TL

## **AWARDS**

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- Bilkent University-Faculty of Business Administration- Prof. Dr. Orhan Karacadağ Awards for Junior Faculty-2013.

## **CONFERENCE PRESENTATIONS**

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- Optimal Assortment Planning for Retailers Using Transshipments under Capacity Constraint, YAEM 2015 Conference, Middle East Technical University, Ankara, September 2015 and INFORMS Revenue Management and Pricing Conference, Amsterdam, Netherlands, July 2017.
- “Rent Contracts Between Co-Stores”, 2014 POMS Annual Conference in Atlanta, USA, May 2014.
- “Optimal Assortment Planning for Retailers Using Transshipments”, The International IIE Conference in Istanbul, June 2013 & 26th European Conference on Operational Research in Rome, Italy, July 2013.
- “Negotiated Transshipment Prices”, ISIR, Budapest, Hungary, August 2012.
- “Do Merged Firms Benefit from Inventory Pooling?”, MSOM Annual Conference, Haifa, Israel, June 2010 AND INFORMS Annual Meeting, Charlotte, November 2011.
- “Price Alteration of Inventories as an Emergency Action”, POMS Annual Conference, Orlando, May 2009.
- “Optimal Transshipments and Orders: A Tale of Two Retailers”, New Ideas in Order Fulfilment Research Symposium at Nottingham University, UK, September 2008.
- “Supply Chain Scheduling of Customer Orders with Two Types of Perishable Products”, INFORMS Annual Meeting, Seattle, November 2007.
- “Using Information Technology to Facilitate Pooling of Retail Inventories”, PICMET Conference, Portland, August 2007.
- “Transshipment Between Two Competing Retailers”, INFORMS Annual Meeting, Pittsburgh, November 2006 AND POMS Annual Meeting, Dallas, May 2007.
- “Virtual Pooling with Multiple In-Cycle Transshipments”, INFORMS Annual Meeting, San Francisco, November 2005 AND POMS Annual Conference, Boston, April 2006.

## **GRADUATE STUDENTS SUPERVISED**

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- Marah Abu Touk, MBA at Sehir University. Expected graduation May 2020
- Nuha Hashem, M.S. in Industrial and Systems Engineering at Sehir University. Graduated in May 2019.
- Hilal Dag, M.S. in Industrial Engineering at Bilkent University. Graduated in August 2015.
- Ecem Cephe, M.S. in Management at Bilkent University, expected to graduate in August 2016.

## ACADEMY-INDUSTRY EXPERIENCE

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- **“Vestel Durable Goods: A Distinct Approach in Logistics”**, a case study prepared on Vestel, a home and professional appliances manufacturing company.
- **“Risk Management: Comparative study across sectors for the European Space Agency”** with The International Center for Decision and Risk Analysis (ICDRiA) in The University of Texas at Dallas, Spring 2005.
- **“Improving forecast accuracy for Ericsson-US”** with The Center for Intelligent Supply Networks (C4ISN) in The University of Texas at Dallas, Fall 2003.

## TEACHING EXPERIENCE

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At Ozyegin University

- Operations Management – OPER 202

At Istanbul Sehir University

- Managerial Decision Making – ITM 422-ISE 562
- Supply Chain Management – ITM 310
- Statistical Analysis- MGT 206, GIR 206
- Business Consulting Models, ITM 405
- Operations Management, MGT 309, MBA 585, MGT 585

At Bilkent University

- Supply Chain Management for undergraduates and MBAs.
- Production Management for undergraduates.
- Operations Management for undergraduates.
- Management Science for undergraduates.
- Market Research for undergraduates.

At The University of Texas at Dallas, US

- Production Management for undergraduates.
- Operations Management for MS/MBA.

## UNIVERSITY SERVICE ACTIVITIES

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- At Istanbul Sehir University
  - Department Chair- International Trade and Management (2016- )
  - Erasmus Exchange Program Departmental Coordinator (2015-2017 )
  - Faculty Board Member at Faculty of Business Administration (2016- )

- At Bilkent University
  - Liaison for organizing weekly research seminars at Faculty of Business Administration (2007- 2015)
  - AACSB Accreditation Steering Committee Member (2013-2015)
  - Faculty Board Member at Faculty of Business Administration (2013-2015)

### **PROFESSIONAL ACTIVITIES**

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- Editorial Board Member, International Journal of Operations Research and Information Systems (IJORIS), November 2008 – present.
- Referee for journals such as JORS, Decision Sciences, MSOM, IIE Transactions, EJOR, etc.