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Curriculum Vitae

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PROFESSIONAL EXPERIENCE

Fuqua School of Business, Duke University

Associate Professor of Operations Management, July 2007 - present

Assistant Professor of Operations Management, August 2003 – July 2007

EDUCATION

The Wharton School, University of Pennsylvania

Ph.D. in Operations and Information Management, 2003.

Thesis: Management of Product Variety in Retail Operations.

Advisors: Marshall L. Fisher, Gérard P. Cachon

M.A. in Applied Economics, 2000.

Bilkent University, Turkey

M.S. in Industrial Engineering, 1998.

B.S. in Industrial Engineering, 1996.

PUBLICATIONS

Published/Forthcoming papers

- [1] Cachon, G., A.G. Kök. 2007. Competing manufacturers in a retail supply chain: On contractual form and coordination. *Management Science*. Forthcoming.
- [2] Bernstein, F., A.G. Kök. 2009. Dynamic cost reduction through process improvement in assembly networks. *Management Science*. **55** (4) 552–567.
- [3] Kök, A.G., M. Fisher. 2007. Demand estimation and assortment optimization under substitution: methodology and application. *Operations Research*. **55** (6) 1001–1021. This paper received Honorable Mention in INFORMS 2003 MSOM Student Paper Competition.
- [4] Cachon, G., A.G. Kök. 2007. Category management and coordination in retail assortment planning in the presence of basket shopping consumers. *Management Science*. **53** (6) 934-951.

- [5] Kök, A.G., K. Shang. 2007. Inspection and replenishment policies for systems with inventory record inaccuracy. *Manufacturing & Service Operations Management*. **9**(2) 185-205. This paper received Honorable Mention in INFORMS 2005 JFIG Paper Competition.
- [6] Cachon, G., A.G. Kök. 2007. Implementation of the newsvendor model with clearance pricing: how to (and how not to) estimate a salvage value. *Manufacturing & Service Operations Management*. **9** (3) 276-290.
- [7] Kök, A.G., M. Fisher, R. Vaidyanathan. 2008. Retail assortment planning: Review of literature and industry practice. In *Retail Supply Chain Management*, Eds. N. Agrawal, S.A. Smith. Springer.
- [8] Sabuncuoglu, I., E. Erel, A.G. Kök. 2002. Analysis of Assembly Systems for Interdeparture Time Variability and Throughput, *IIE Transactions*, **34** (1) 23-40.
- [9] Erel E., I. Sabuncuoglu, A.G. Kök. 2004. Analyses of serial production line systems for interdeparture time variability and WIP inventory. *Inter. Jour. of Oper. and Quant. Management* **10** (4): 275-296.

Working papers

- [10] Kök, A.G., K. Shang. 2009. Evaluation of supply chains with inventory record inaccuracy and implications on IT investments. Major revision for *Management Science*.
- [11] Bernstein, F., A.G. Kök., L.Xie. 2009. The role of commonality in product assortment decisions. Major revision for *Manufacturing & Service Operations Management*.
- [12] Kök, A.G. Y. Xu. 2009. Customer choice models and the structural properties of optimal assortments. In preparation.
- [13] Bernstein, F., A.G. Kök., L.Xie. 2009. Dynamic assortment customization with limited inventories. In preparation.

TEACHING EXPERIENCE

2003 – Present	Duke University OPS 370, MBA core in Operations Management (2004-2009) GATE: CHINA. MBA elective (2007,2008) EGRMGMT262, Operations Elective in Master of Engineering Management, Pratt School of Engineering (2004, 2006, and 2007) BA 591, Ph.D. Seminar on Revenue Management (2006,2008)
1998 – 2003	Teaching and Research Fellow, Operations and Information Management Department, The Wharton School, University of Pennsylvania.
1996 – 1998	Teaching Assistant, Dept. of Industrial Eng., Bilkent University, Turkey.

AWARDS & GRANTS

- ICI-Unilever (ECR-Europe) Research Grant. Principal Investigator. €20,000.
- M&SOM Meritorious Service Award for 2007.

- Honorable mention, INFORMS Junior Faculty Paper Competition, 2005.
 - Honorable mention, INFORMS M&SOM Society Student Paper Competition, 2003.
 - Fellowship by OPIM Department, The Wharton School, University of Pennsylvania, 1998-2002.
 - Grant by Scientific and Technical Research Council of Turkey within the scope of NATO Science Scholarship Programme in the field of Industrial Engineering, July 1996.
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RESEARCH PROJECTS

1999 – Present	Harvard – Wharton Consortium for Operational Excellence in Retailing. Academy-industry collaboration project with more than 30 participating retailers.
2007	System Design to Improve Childhood Immunization Rates in Zambia Joint project with Duke Clinical Research Institute
2006 – 2007	Performance Evaluation & Strategy Development for the Organized Industrial Zones A project led by Dokuz Eylul University of Izmir, Turkey, prepared for and funded by National Planning Agency of Turkey.
2000 – 2002	Royal AHOLD N.V., The Netherlands. Merchandising and Replenishment Coherence
1999	Nine West Group, Inc., NY. Management of Size of Apparel and Shoe Products

PROFESSIONAL SERVICE

- Member, Institute for Operations Research and Management Sciences.
 - Member, Manufacturing & Service Operations Management Society.
 - Referee for *Management Science*, *Operations Research*, *Manufacturing & Service Operations Management*, *Naval Research Logistics*, *Production and Operations Management*, *IIE Transactions*, *European Journal of Operational Research*.
 - Judge for MSOM Student Paper Competition 2006, 2007, 2009.
 - Member of Fuqua School of Business, Operations Area Ph.D. Program Committee.
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PRESENTATIONS

Conferences

- Dynamic assortment customization with limited inventories. INFORMS 2009, San Diego, CA.
- Customer choice models and the structural properties of optimal assortments. INFORMS 2009, San Diego, CA.
- Evaluation of supply chains with inventory record inaccuracy. INFORMS 2007, Seattle, WA; MSOM 2008, College Park, MD.
- Competing manufacturers in a retail supply chain. INFORMS 2007, Seattle, WA; INFORMS 2008, Washington DC.
- Supplier competition in retail supply chains. INFORMS 2006, Pittsburgh, PA.

- Process innovation in assembly networks. INFORMS 2005, San Francisco, CA; MSOM 2006, Atlanta, GA; IFORS 2006, Hong Kong.
- Replenishment and inspection policies. MSOM 2005, Evanston, IL; INFORMS 2004, Denver, CO.
- Demand estimation and assortment optimization. INFORMS 2003, Atlanta, GA.
- Heuristic equilibrium. MSOM 2003 Los Angeles, CA; INFORMS 2002 San Jose, CA.
- Coordination of retail categories. INFORMS 2002 San Jose, CA; INFORMS 2001 Miami, FL.
- Assembly systems. INFORMS 1998 Seattle, WA.
- Serial production systems. INFORMS 1997 San Diego, CA.