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EDUCATION

Northeastern University, USA August, 2003
Ph.D. in Industrial Engineering
Dissertation: Some Multivariate Optimization and Frontier Estimation Problems

Northeastern University, USA June, 2001
M.S. in Industrial Engineering
Thesis: Consolidation of the Warehousing System of a North America Based Company

Yıldız Technical University, Turkey June, 1999
B.S. in Mathematical Engineering

ACADEMIC APPOINTMENTS

Title	Institution	Department	Year
Associate Professor	IŞIK University	Industrial Engineering	2012 -
Assistant Professor	IŞIK University	Industrial Engineering	2008 - 2012
Instructor	IŞIK University	Industrial Engineering	2004 - 2008
Research Assistant	Northeastern University	Industrial Engineering	1999 - 2003

ADMINISTRATIVE EXPERIENCE

- Department Head (Acting), 2013- ongoing
IŞIK University, Department of Industrial Engineering
- Faculty Board Member, 2013- ongoing
IŞIK University, College of Engineering
- Accreditation Coordinator, 2014- ongoing
IŞIK University, Department of Industrial Engineering
(IE program fully accredited by ENAEE and MUDEK in May 2016)
- Institute Board Member, 2012-2016
IŞIK University, Graduate School of Science and Engineering
- Erasmus Exchange Coordinator, 2007-2010
IŞIK University, Department of Industrial Engineering

JOURNAL PUBLICATIONS

1. Aksezer, C.S. (2016) “A Nonparametric Approach for Optimal Reliability Allocation in Health Services”, *International Journal of Quality & Reliability Management*, Vol. 33, No. 2, pp.284–294.
2. Aksezer, C.S. and Benneyan, J.C. (2013) “Multiresponse optimisation of powder metals via probabilistic loss functions”, *European Journal of Industrial Engineering*, Vol. 7, No. 3, pp.295–311.
3. Aksezer, C.S. (2011) “Failure Analysis and Warranty Modelling of Used Cars”, *Engineering Failure Analysis*, Vol.18, No.6, pp.1520–1526.
4. Aksezer, C.S. (2011) “Reliability Evaluation of Healthcare Services by Assessing the Technical Efficiency”, *The Service Industries Journal*, Vol.31, No.14, pp.2309–2319.
5. Aksezer, C.S. and Benneyan, J.C. (2010) “Assessing the efficiency of hospitals operating under a unique owner: a DEA application in the presence of missing data”, *International Journal of Services and Operations Management*, Vol.7, No.1, pp.53–75.
6. Aksezer, C.S. (2008) “On the sensitivity of Desirability Functions for Multiresponse Optimization”, *Journal of Industrial and Management Optimization*, Vol.4, No.4, pp.685–696.

CONFERENCE PUBLICATIONS and PRESENTATIONS

1. Paşalı, B. and Aksezer, S.Ç. “A Combined Algorithm for Placement of Rectangular Vehicles in a Non-Rectangular Ferry”, *3rd World Conference on Innovation and Computer Sciences*, 2013, April 26-29, Antalya, Turkey.
2. Köksel, A. and Aksezer, S.Ç. “Statistical Implications of Kano Model”, *12th International Symposium on Econometrics, Statistics, and Operations Research*, 2011, May 26-29, Pamukkale, Turkey, pp. 42-48.
3. Özonar, G and Aksezer, S.Ç. “Evaluation of Perceived Quality in Automobile Industry by Utilizing Theory of Attractive Quality”, *30th National Operations Research and Industrial Engineering Congress*, 2010, June 30 – July 2, Istanbul, Turkey. (Abstract Only)
4. Özer, İ., Ersin F. and Aksezer, S.Ç. “Reducing the Slitting Waste in Steel Pipe Production from Six Sigma Perspective”, *27th National Operations Research and Industrial Engineering Congress*, 2007, July 2-4, İzmir, Turkey, pp. 377.
5. Aksezer, C.S. and Benneyan, J.C. “Probability Distributions and Variances of Quadratic Loss Functions”, *Proceedings of the 36th International Conference on Computers and Industrial Engineering*, 2006, June 20-23, Taipei, Taiwan, pp. 2890–2899.
6. Benneyan, J.C., Sunnetci, A. and Aksezer, C.S. “Identifying healthcare’s Toyotas: Production frontiers, hospital quality indices, and modeling issues”, *Proceedings of the 36th International Conference on Computers and Industrial Engineering*, 2006, June 20–23, Taipei, Taiwan, pp. 3596.
7. Aksezer, S.Ç. and Anlı, O.M. “Multiresponse Optimization of Printed Circuit Boards”, *26th National Operations Research and Industrial Engineering Congress*, 2006, July 3-5, Kocaeli, Turkey, pp. 115-118.

M.S. THESES SUPERVISED

1. İpek Durmuş, “An Assortment Planning Problem with an Empirical Demand Model”, IŞIK University, 2017.
2. Büşra Paşalı, “A Combined Algorithm for Placement of Rectangular Vehicles in a Ferry”, IŞIK University, 2013.
3. Ayhan Köksel, “Statistical and Modeling Implications of Kano's Theory of Attractive Quality”, IŞIK University, 2012.

TEACHING EXPERIENCE

- Engineering Orientation
- Probability
- Engineering Statistics
- Production and Service Operations Planning
- Quality Planning and Control
- Work Study and Ergonomics
- Reliability Analysis
- Applied Statistics
- Design for Quality and Productivity
- Service Systems Management
- Risk Management and Decision Analysis
- Design Project

RESEARCH INTERESTS

- Design and control for quality
- Service systems optimization
- Process and product reliability
- Health and safety engineering

REFeree ACTIVITIES

- Service Industries Journal
- International Journal of Technology Management
- Journal of Engineering Design
- International Journal of Production Research
- Engineering Failure Analysis

SCIENTIFIC and PROFESSIONAL AFFILIATIONS

- American Society for Quality (ASQ)
- The Institute for Operations Research and the Management Sciences (INFORMS)
- Professional Association of Diving Instructors (PADI)