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Personal Information

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Education Information

Doctorate, University Of Florida, Endüstri Mühendisliği, United States Of America 2003 - 2007

Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Endüstri Mühendisliği (YI) (Tezli), Turkey 2001 - 2003

Under Graduate, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, Turkey 1996 - 2001

Foreign Languages

English, C1 Advanced

Research Areas

Industrial Engineering , Stochastic Modeling, Production Planning and Control, Supply Chain and Logistics Management, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2009 - Continues

Lecturer PhD, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2008 - 2009

Advising Theses

Bakal I. S. , Bayindir Z. P. , Value of supplier flexibility and extension opportunity for perishable items in an EOQ environment, Post Graduate, S.CEREN(Student), 2019

BAKAL İ. S. , BAYINDIR Z. P. , Effects of competition on product recovery decisions, Post Graduate, C.BARIŞ(Student), 2018

BAKAL İ. S. , A remanufacturing system with imperfect sorting: Deterministic and probabilistic models, Post Graduate, M.TAN(Student), 2018

KARAER Ö. , BAKAL İ. S. , Competition of manufacturers for retailer shelf space, Post Graduate, B.DİLER(Student), 2016

BAKAL İ. S. , Analysis of price-only and revenue sharing contracts in a reverse supply chain, Post Graduate, M.BIAZARAN(Student), 2016

BAKAL İ. S. , BAYINDIR Z. P. , An integrated model for preventive maintenance and spare part inventory planning, Post Graduate, P.KAYA(Student), 2014

BAKAL İ. S. , BAYINDIR Z. P. , Value of disruption information in an EOQ environmet, Post Graduate, D.ESİN(Student), 2014

SÜRAL H., BAKAL İ. S. , The single-item lot sizing problem in SMT production lines, Post Graduate, H.SERİN(Student), 2014

BAKAL İ. S. , Joint quantity flexibility under market information update, Post Graduate, M.GÜLDEN(Student), 2013

BAKAL İ. S. , Analysis of an options contract in a dual sourcing supply chain under disruption risk, Post Graduate, H.KÖLE(Student), 2012

BAKAL İ. S. , BAYINDIR Z. P. , An assessment of a two-echelon inventory system against alternative systems, Post Graduate, S.ÖZPAMUKÇU(Student), 2011

BAKAL İ. S. , BAYINDIR Z. P. , Optimal pricing and production decisions in reusable container systems, Post Graduate, B.ATAMER(Student), 2010

BAKAL İ. S. , DURAN S., Tactical inventory and backorder decisions for systems with predictable production yield, Post Graduate, T.MART(Student), 2010

BAKAL İ. S. , Limited quantity flexibility in a decentralized supply chain, Post Graduate, S.KARAKAYA(Student), 2010

BAKAL İ. S. , BAYINDIR Z. P. , Centralization and advance quality information in remanufacturing, Post Graduate, M.ÜNAL(Student), 2009

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Exact and heuristic approaches for joint maintenance and spare parts planning**
Bulbul P., BAYINDIR Z. P. , BAKAL İ. S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.129, pp.239-250, 2019 (Journal Indexed in SCI)
- **Value of disruption information in an EOQ environment**
BAKAL İ. S. , BAYINDIR Z. P. , Emer D. E.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.263, pp.446-460, 2017 (Journal Indexed in SCI)
- **Value of information through options contract under disruption risk**
Kole H., BAKAL İ. S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.103, pp.85-97, 2017 (Journal Indexed in SCI)
- **Optimal pricing and production decisions in utilizing reusable containers**
Atamer B., BAKAL İ. S. , BAYINDIR Z. P.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.143, pp.222-232, 2013 (Journal Indexed in SCI)
- **Tactical inventory and backorder decisions for systems with predictable production yield**
MART T., Duran S., Bakal I. S.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.143, pp.294-303, 2013 (Journal Indexed in SCI)
- **Joint quantity flexibility for multiple products in a decentralized supply chain**
Karakaya S., BAKAL İ. S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.64, pp.696-707, 2013 (Journal Indexed in SCI)
- **Value of supplier's capacity information in a two-echelon supply chain**
BAKAL İ. S. , ERKİP N. K. , GÜLLÜ A. R.
ANNALS OF OPERATIONS RESEARCH, vol.191, pp.115-135, 2011 (Journal Indexed in SCI)
- **Order timing strategies in a single-supplier, multi-retailer system**
BAKAL İ. S. , Geunes J.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.48, pp.2395-2412, 2010 (Journal Indexed in SCI)
- **Market selection decisions for inventory models with price-sensitive demand**
BAKAL İ. S. , Geunes J., Romeijn H. E.
JOURNAL OF GLOBAL OPTIMIZATION, vol.41, pp.633-657, 2008 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Two-Stage Versus Single-Stage Inventory Models with or without Repair Ability**
BAKAL İ. S. , Ozpamukcu S., BAYINDIR Z. P.
International Annual Conference of the German-Operations-Research-Society (GOR), Hannover, Germany, 5 - 07
September 2012, pp.555-560
- **Quantity Flexibility for Multiple Products in a Decentralized Supply Chain**
BAKAL İ. S. , Karakaya S.
Annual International Conference of the German-Operations-Research-Society (GOR), Neubiberg, Germany, 1 - 03
September 2010, pp.411-416

Citations

Total Citations (WOS):101

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