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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 1987 - 1993

Research Areas

Social Sciences and Humanities, Management, Quantitative Methods, Mathematics, Optimization, Natural Sciences

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2006 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Fuzzy Approach Using Generalized Dinkelbach's Algorithm for Multiobjective Linear Fractional Transportation Problem**
Cetin N., TİRYAKİ F.
MATHEMATICAL PROBLEMS IN ENGINEERING, 2014 (SCI-Expanded)
- II. **A compensatory fuzzy approach to multi-objective linear supplier selection problem with multiple-item**
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EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.9, pp.11363-11368, 2011 (SCI-Expanded)
- III. **Fuzzy portfolio selection using fuzzy analytic hierarchy process**
TİRYAKİ F., Ahlatcioglu B.
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- IV. **Interactive fuzzy programming for decentralized two-level linear fractional programming (DTLLFP) problems**
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OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, vol.35, no.4, pp.432-450, 2007 (SCI-Expanded)
- V. **Using analytic hierarchy process (AHP) in location selection for a yarn factory: A case study**
Guner A. F., TIRYAKI F., AKKAYA G.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.13, no.4, pp.334-340, 2006 (SCI-Expanded)
- VI. **Fuzzy stock selection using a new fuzzy ranking and weighting algorithm**
Tiryaki F., Ahlatcioglu M.
APPLIED MATHEMATICS AND COMPUTATION, vol.170, no.1, pp.144-157, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Using some fuzzy aggregation operators for multi objective linear transportation problem**
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- II. **A Compensatory Fuzzy Approach to Multi Objective Linear Transportation Problem with Fuzzy Parameters**
Köçken H., Özkök B., Tiryaki F.
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.7, no.3, pp.369-386, 2014 (ESCI)
- III. **A Hierarchical Supply Chain Planning Model for a Perishable Item with Stochastic Lifetime**
GÜNAY AKDEMİR H., TİRYAKİ F.
Balkan Journal of Mathematics, pp.1-15, 2013 (Peer-Reviewed Journal)
- IV. **Bilevel Stochastic Transportation Problem with Exponentially Distributed Demand**
TİRYAKİ F.
Bitlis Eren University Journal of Science and Technology, vol.2, no.1, pp.32-37, 2012 (Peer-Reviewed Journal)
- V. **İki Seviyeli Kesikli Stokastik Taşıma Problemi**
TİRYAKİ F.
Elektronik Meslek Yüksekokulları Dergisi, vol.1, no.1, pp.198-210, 2011 (Peer-Reviewed Journal)
- VI. **Using Fuzzy Linear Regression to Estimate Relationship between Forest Fires and Meteorological Conditions**
TİRYAKİ F.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, 1 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Mobile app evaluation application with AHP method based on interval type-2 fuzzy sets**
Meniz B., Tiryaki F.
5th International Conference on Analysis and Applied Mathematics, ICAAM 2020, Mersin, Turkey, 23 - 30 September 2020, vol.2325
- II. **Using some fuzzy aggregation operators for Multi-Objective Linear Transportation Problem**
TİRYAKİ F.
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- III. **Çok Ürünlü Çok Amaçlı Lineer Tedarikçi Seçim Problemi İçin Bulanık Dengeleyici Bir Yaklaşım**
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- IV. **On finding the fuzzy nucleolus of an n-person cooperative game in fuzzy characteristic function form**
AHLATCIOĞLU M., TİRYAKİ F., ÖZKÖK B.
5 th International Symposium on Intelligent Manufacturing Systems, Sakarya, Turkey, 29 May 2006, pp.792-802
- V. **A Compensatory Fuzzy Approach to Multiple Objective Linear Transportation Problem**
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Innovations in Intelligent Systems and Applications, INISTA'2005, İstanbul, Turkey, 15 - 18 October 2005, pp.79-82
- VI. **Fuzzy Stock Selection using Fuzzy Analytic Hierarchy Process**
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- VII. **Bulanık Fiyat, Arz ve Talep Miktarlı Çok Amaçlı Lineer Taşıma Problemine Bir Dengeleyici Yaklaşım**
Tiryaki F., ÖZKÖK B., Gonca H.
Yöneylem Araştırması ve Endüstri Mühendisliği 2005 (YA/EM 2005) 25. Ulusal Kongresi, İstanbul, Turkey, 04 July 2005, pp.54
- VIII. **A New Fuzzy Approach to Multiple Objective Linear Programming (MOLP) Problems through Shapley Value**
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International Symposium on Innovations in Intelligent Systems and Applications, İstanbul, Turkey, 15 June 2005,
pp.67

IX. An Application of the Analytic Hierarchy Process to Location Selection.

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5th EURO/INFORMS Joint International Meeting, İstanbul, Turkey, 6 - 10 July 2003

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