

## Prof. Mehmet AHLATCIOĞLU

### Personal Information

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### Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey Continues

Doctorate, Istanbul University, School Of Business, Turkey Continues

Istanbul University, School Of Business, Turkey Continues

Undergraduate, Istanbul University, Faculty Of Science, Department Of Mathematics, Turkey Continues

Undergraduate, Istanbul University, Faculty Of Science, Fizik, Turkey Continues

### Research Areas

Mathematics, Optimization, Natural Sciences

### Academic Titles / Tasks

Professor, Yildiz Technical University, Fen Edebiyat Fakultesi, Matematik, 1999 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A TRANSITION FROM TWO-PERSON ZERO-SUM GAMES TO COOPERATIVE GAMES WITH FUZZY PAYOFFS**  
ÇEVİKEL A. C., AHLATCIOĞLU M.  
IRANIAN JOURNAL OF FUZZY SYSTEMS, vol.15, no.7, pp.121-131, 2018 (SCI-Expanded)
- II. **A mixed integer programming approach to a square fully fuzzy linear equation system**  
Ahlatcioğlu M., Albayrak F. İ., Köçken H., Özkök B.  
Journal Of Intelligent & Fuzzy Systems, vol.31, pp.1-7, 2016 (SCI-Expanded)
- III. **An approach for finding fuzzy optimal and approximate fuzzy optimal solution of fully fuzzy linear programming problems with mixed constraints**  
Özkök B., Albayrak I., Kocken H. G., AHLATCIOĞLU M.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.31, no.1, pp.623-632, 2016 (SCI-Expanded)
- IV. **A mixed integer programming approach to a square fully fuzzy linear equation**  
AHLATCIOĞLU M., Albayrak I., Kocken H. G., Özkök B.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.31, no.3, pp.2009-2015, 2016 (SCI-Expanded)
- V. **Finding the fuzzy solutions of a general fully fuzzy linear equation system**  
Kocken H., AHLATCIOĞLU M., ALBAYRAK F. İ.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.30, no.2, pp.921-933, 2016 (SCI-Expanded)
- VI. **An approach for finding fuzzy optimal and approximate fuzzy optimal solution of fully fuzzy linear programming problems with mixed constraints**  
Özkök B., Albayrak F. İ., Köçken H., Ahlatcioğlu M.

- JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.31, pp.623-632, 2016 (SCI-Expanded)
- VII. **A Compensatory Approach to Multiobjective Linear Transportation Problem with Fuzzy Cost Coefficients**  
Kocken H., AHLATCIOĞLU M.  
MATHEMATICAL PROBLEMS IN ENGINEERING, 2011 (SCI-Expanded)
- VIII. **Solutions for fuzzy matrix games**  
ÇEVİKEL A. C., AHLATCIOĞLU M.  
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.60, no.3, pp.399-410, 2010 (SCI-Expanded)
- IX. **Interactive fuzzy programming for decentralized two-level linear fractional programming (DTLLFP) problems**  
Ahlatcioglu M., Tiryaki F.  
OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, vol.35, no.4, pp.432-450, 2007 (SCI-Expanded)
- X. **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. **Üniversite ders zaman çizelgeleme problemi için ikili tamsayılı bir model ve bir uygulama**  
Köçken H., Özdemir R., Ahlatcioglu M.  
İstanbul Üniversitesi, İşletme Fakültesi Dergisi, vol.43, no.1, pp.28-54, 2014 (Peer-Reviewed Journal)
- II. **U niversite ders zaman c izelgeleme problemi ic in ikili tamsayılı bir model ve bir uygulama**  
KÖÇKEN H., Özdemir R., AHLATCIOĞLU M.  
Istanbul Universitesi İşletme Fakültesi Dergisi, 2014 (Peer-Reviewed Journal)
- III. **A Compensatory Approach to Multi objective Interval Transportation Problem**  
KÖÇKEN H., AHLATCIOĞLU M.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.31, no.1, pp.20-33, 2013 (ESCI)
- IV. **Fuzzy matris oyunların çözümleri üzerine**  
AHLATCIOĞLU M.  
Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.21, pp.25-35, 2010 (Peer-Reviewed Journal)
- V. **A linear interactive solution concept for fuzzy multiobjective games**  
AHLATCIOĞLU M.  
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.3, no.1, pp.107-117, 2010 (Peer-Reviewed Journal)
- VI. **A linear Interactive Solution Concept for Fuzzy Multiobjective Games**  
ÇEVİKEL A. C., AHLATCIOĞLU M.  
European Journal of Pure and Applied Mathematics, 2010 (Peer-Reviewed Journal)
- VII. **Fuzzy matris oyunların çözümleri üzerine**  
ÇEVİKEL A. C., AHLATCIOĞLU M.  
Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2010 (Peer-Reviewed Journal)
- VIII. **A new solution concept in fuzzy matrix games**  
AHLATCIOĞLU M.  
World Applied Sciences Journal, vol.7, pp.866-871, 2009 (Peer-Reviewed Journal)
- IX. **A New Solution Concept in Fuzzy Matrix Games**  
ÇEVİKEL A. C., AHLATCIOĞLU M.  
World Applied Sciences Journal, 2009 (Peer-Reviewed Journal)
- X. **Dengeli- Seçme ve Seçtirmeli-Ekonomik Beslenme**  
AHLATCIOĞLU M., GÜZEL N., SİVRİ M.  
Sigma Journal of Engineering and Natural Sciences, no.3, pp.94-100, 2004 (ESCI)

- XI. **Transportation of the Fuzzy Amounts using the Fuzzy Cost**  
AHLATCIOĞLU M., SİVRİ M., GÜZEL N.  
Journal of Marmara for Pure and Applied Sciences, no.18, pp.139-155, 2002 (Peer-Reviewed Journal)
- XII. **Transportation of the fuzzy amounts using the fuzzy costs**  
AHLATCIOĞLU M., SİVRİ M., GÜZEL N.  
Marmara Journal of Pure & Applied Sciences, 2002 (Peer-Reviewed Journal)
- XIII. **Being linearization objective cutting plane algorithm for the pure integer linear fractional programming problem**  
AHLATCIOĞLU M., TİRYAKİ F.  
Journal of Institute of Mathematics & Computer Sciences (Computer Science Series), vol.12, no.2, pp.219-226, 2001 (Peer-Reviewed Journal)
- XIV. **Pazarlık Kümeleri Yoluyla Çok Amaçlı Lineer Programlama ÇALP Problemine Ağırlık Bularak Çözüm Öneren Etkileşimli Bir Yöntem**  
AHLATCIOĞLU M., TİRYAKİ F.  
Marmara Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.16, pp.147-161, 2000 (Peer-Reviewed Journal)
- XV. **Pür Tamsayılı Lineer Kesirli Programlama Problemi İçin Lineerleştirilmiş Amaç Kesen Düzlem Algoritması**  
AHLATCIOĞLU M., TİRYAKİ F.  
Y.T.Ü. Dergisi, vol.1, pp.1-9, 1999 (Peer-Reviewed Journal)
- XVI. **Fiyatların ve Talep Merkezleri Taleplerinin Belirli Aralıklar Arasında Olması Durumunda Taşıma Problemine Bir Çözüm Önerisi**  
AHLATÇIOĞLU M.  
Marmara Üniversitesi, Journal of Sciences and Technology, 1999 (Non Peer-Reviewed Journal)
- XVII. **Stokastik, Minimum Zamanlı, Aralıklı Taşıma Problemi**  
AHLATÇIOĞLU M.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.2, pp.145-147, 1998 (Non Peer-Reviewed Journal)
- XVIII. **Time-Cost Tradeoff in Transportation Problems With Cost and Time Considerations**  
AHLATÇIOĞLU M.  
Journal of Institute of Mathematics & Computer Sciences, 1998 (Peer-Reviewed Journal)
- XIX. **Interval Transportation Problem and A Solution Proposal**  
AHLATÇIOĞLU M.  
Marmara University, Journal of Sciences and Technology, pp.85-90, 1998 (Non Peer-Reviewed Journal)
- XX. **A Stochastic Interval Transportation Problem With Minimum Time**  
AHLATÇIOĞLU M.  
Journal of Institute of Mathematics & Computer Sciences, 1998 (Peer-Reviewed Journal)
- XXI. **Çok Amaçlı Lineer Kesirli Programlama Problemi Çözümüne Analitik Hiyerarşi Yaklaşımı**  
AHLATCIOĞLU M., TİRYAKİ F.  
Yıldız Teknik Üniversitesi Dergisi, vol.1, pp.68-76, 1998 (Peer-Reviewed Journal)
- XXII. **Aralıklı Taşıma Problemi Çözümüne Etkin Bir Yaklaşım**  
AHLATÇIOĞLU M.  
YTÜ Dergisi, 1993 (Non Peer-Reviewed Journal)
- XXIII. **Üç Boyutlu Taşıma Problemine Bir Çözüm Yöntemi Önerisi**  
AHLATÇIOĞLU M.  
Sanayi Mühendisliği, no.22, pp.9-12, 1988 (Non Peer-Reviewed Journal)
- XXIV. **Beslenmenin Matematik Modeli**  
AHLATÇIOĞLU M.  
Diabet ve Endokrinoloji Yıllığı, no.6, pp.152-155, 1986 (Non Peer-Reviewed Journal)
- XXV. **A Compensatory Approach to Multi-objective Interval Transportation Problem**  
AHLATCIOĞLU M.  
Sigma Journal of Engineering and Natural Sciences, 1 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Transition from Two-Person Zero-Sum Games to Cooperative Games with Fuzzy Payoffs**  
ÇEVİKEL A. C., AHLATCIOĞLU M.  
13th Algebraic Hyperstructures and its Applications, 24 - 27 July 2017
- II. **Çok Aşamalı Çok Amaçlı Kapalı Devre Tedarik Zincirine Bulanık Bir Yaklaşım**  
AHLATCIOĞLU M.  
Ulusal Lojistik ve Tedarik Zinciri Kongresi, Konya, 01 May 2012
- III. **Çok Aşamalı Çok Ürünlü Tedarik Zincirine Dengeleyici Bulanık Bir Yaklaşım**  
AHLATCIOĞLU M.  
Ulusal Lojistik ve Tedarik Zinciri Kongresi, Konya, 01 May 2012
- IV. **Fuzzy ödemeli matris oyunların çözümleri üzerine**  
ÇEVİKEL A. C., ahlaticioglu m.  
XXIII. Ulusal Matematik Sempozyumu,, 01 September 2010
- V. **A Compensatory Approach to Fuzzy Shortest Path Problem**  
AHLATCIOĞLU M.  
1st International Fuzzy Systems Symposium, FUZZYSS 2009, 01 October 2009
- VI. **On finding the fuzzy nucleolus of an n-person cooperative game in fuzzy characteristic function form**  
AHLATCIOĞLU M., TIRYAKI F., ÖZKÖK B.  
5 th International Symposium on Intelligent Manufacturing Systems, Sakarya, Turkey, 29 May 2006, pp.792-802

## Supported Projects

ÖZKÖK B., AHLATCIOĞLU M., KÖÇKEN H., Project Supported by Higher Education Institutions, Tip-2 Bulanık Kümeler ile Çok Nitelikli Karar Verme Teknikleri, 2017 - 2021

ÖZKÖK B., AHLATCIOĞLU M., KÖÇKEN H., Project Supported by Higher Education Institutions, Tam Bulanık Lineer Programlama Problemine Bir Çözüm Önerisi, 2014 - 2017

## Metrics

Publication: 43

Citation (WoS): 129

Citation (Scopus): 198

H-Index (WoS): 5

H-Index (Scopus): 6

## Non Academic Experience

YILDIZ TEKNİK ÜNİVERSİTESİ

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