Prof. Eyüp ÇETİN

Personal Information

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Education Information

Doctorate, Istanbul University, Institute of Social Sciences, İşletme/Sayısal Yöntemler, Turkey 2001 - 2004
Postgraduate, European University Of Lefke, Faculty Of Economıcs And Admınıstratıve Scıences, Department Of Busıness Admınıstratıon, Cyprus (Kktc) 1999 - 2000
Undergraduate, Marmara University, Ataturk Faculty Of Education, Matematik Eğitimi (İngilizce), Turkey 1992 - 1998

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Developing a Portfolio Optimization Model Using Stochastic Programming, Istanbul University, Institute of Social Sciences, İşletme Sayısal Yöntemler, 2004

Research Areas

Social Sciences and Humanities, Management, Quantitative Methods

Academic Titles / Tasks

Professor, York University, 2020 - Continues
Professor, Istanbul University, School of Business, Sayısal Yöntemler Anabilim Dalı, 2013 - Continues

Academic and Administrative Experience

İstanbul Üniversitesi, School of Transportation and Logistics, 2015 - 2015
İstanbul Üniversitesi, 2013 - 2015
Vice Dean, Istanbul University, School Of Business, 2010 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A Mathematical Immunochemoradiotherapy Model: A Multiobjective Approach**
ESEN H. Ö., ÇETİN E., TOLUN S.
NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS, vol.9, no.2, pp.511-517, 2008 (SCI-Expanded)

II. **A mathematical immunochemoradiotherapy model: A multiobjective approach**
Esen O., Cetin E., Esen S.
NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS, vol.9, no.2, pp.511-517, 2008 (SCI-Expanded)

III. **Handling organ motion in radiotherapy of cancer via Markov chains**
Cetin E.
APPLIED MATHEMATICS AND COMPUTATION, vol.184, no.2, pp.149-155, 2007 (SCI-Expanded)

IV. **A weapon-target assignment approach to media allocation**
Cetin E., Esen S.
APPLIED MATHEMATICS AND COMPUTATION, vol.175, no.2, pp.1266-1275, 2006 (SCI-Expanded)

V. **Determining the optimal duration of an advertising campaign using diffusion of information**
Cetin E.
APPLIED MATHEMATICS AND COMPUTATION, vol.173, no.1, pp.430-442, 2006 (SCI-Expanded)

Articles Published in Other Journals

I. **The Optimal Orchestration of Packaging for Sustainability**
Onay O., Cetin E.
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.9, no.2, pp.125-139, 2016 (ESCI)

II. **A GENETIC ALGORITHM METAHEURISTIC FOR THE WEAPON-TARGET BASED MEDIA ALLOCATION PROBLEM**
KESKİNTÜRK T., ÇETİN E.
ALPHANUMERİC JOURNAL, vol.3, no.1, pp.1-6, 2015 (Peer-Reviewed Journal)

III. **An Invitation to Algebraic Statistics: New Outlook and Opportunities**
ÇETİN E.
Istanbul University Journal of the School of Business Administration, vol.41, no.2, pp.278-283, 2012 (Peer-Reviewed Journal)

IV. **Determining the Popularity of Tourist Destinations: Istanbul Case**
ÖNAY O., ÇETİN E.
Istanbul University Journal of Management, vol.23, no.72, pp.90-109, 2012 (Peer-Reviewed Journal)

V. **Turistik Yerlerin Popülaritesinin Belirlenmesi: İstanbul Örneği**
Önay O., Çetin E.
İ. Ü. İşletme Fakültesi İşletme İktisadı Enstitüsü Yönetim Dergisi, vol.23/72, no.72, pp.90-109, 2012 (Peer-Reviewed Journal)

VI. **Examining traditional display advertisement and advertorial according to advertisement and advertised product perception based on factor analysis**
OKUMUŞ A., Cetinturk N., Cetin E.
ISTANBUL UNIVERSITY JOURNAL OF THE SCHOOL OF BUSINESS, vol.40, no.2, pp.176-194, 2011 (ESCI)

VII. **Geleneksel ilan ve advertorial (tanıtıcı reklam) uygulamalarının reklam ve reklamı yapılan ürünün algısına ilişkin değerlemelerinin faktör analizi temelli incelenmesi**
Okumuş A., Çetintürk N., Çetin E.
Journal of the School of Business Administration, Istanbul University, vol.40, no.2, pp.176-194, 2011 (Peer-Reviewed Journal)

VIII. **Matematiksel Epidemiyoloji: Pandemik A/H1N1 Gribi Vakası**
ÇETİN E., KİREMİTÇİ B., Yurt İ. D.
İstanbul Üniversitesi İşletme Fakültesi Dergisi, vol.38, no.2, pp.197-209, 2009 (Peer-Reviewed Journal)

IX. **A BLOOD BANK LOCATİON MODEL: A MULTİOBJECTİVE APPROACH**
ÇETİN E., SARUL L. S.

EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, no.2, pp.112-124, 2009 (Peer-Reviewed Journal)

X. **Mathematical Epidemiology: Pandemic A (H1N1) Case**
ÇETİN E., Kiremitçi B., Yurt İ. D.
Istanbul University Journal of the School of Business Administration, vol.38, no.2, pp.197-209, 2009 (Peer-Reviewed Journal)

XI. **Efficient Choice of Biasing Constant for Ridge Regression**
Mardikyan S., ÇETİN E.
International Journal of Contemporary Mathematical Sciences, vol.3, no.11, pp.527-536, 2008 (Peer-Reviewed Journal)

XII. **Operations Research Techniques in Cancer Treatment**
TOLUN S., ÇETİN E.
İstanbul Üniversitesi İşletme İktisadı Enstitüsü Yönetim Dergisi, no.58, pp.23-27, 2007 (Peer-Reviewed Journal)

XIII. **Operations research techniques in cancer treatment**
ÇETİN E., Tolun S.
Istanbul University Journal of Management, vol.18, no.58, pp.23-27, 2007 (Peer-Reviewed Journal)

XIV. **A Multicriteria Reward Allocation Model: The Orchestration of the Shapley Values**
ÇETİN E., TOLUN S.
International Journal of Pure and Applied Mathematics, vol.36, no.4, pp.353-364, 2007 (Peer-Reviewed Journal)

XV. **A new group theoretic approach to the traveling salesperson problem**
Tekir Ü., ÇETİN E.
International Journal of Applied Mathematics, vol.20, no.2, 2007 (Scopus)

XVI. **A queuing theoretical model for anticancer tool selection**
ÇETİN E.
International Mathematical Forum, vol.54, no.2, pp.2675-2685, 2007 (Peer-Reviewed Journal)

XVII. **A multiobjective approach to the weapon-target assignment problem: An integer goal programming model and spreadsheet solution proposal**
ÇETİN E., Tolun S.
Turkish Military School, Institute for Defense Sciences, Journal of Defense Sciences, vol.0, no.0, pp.141-159, 2005 (Peer-Reviewed Journal)

XVIII. **Silah Atama Problemine Çok Amaçlı Yaklaşım: Tamsayılı Hedef Programlama Modeli ve Elektronik Tablo Çözüm Önerisi**
ÇETİN E., TOLUN S.
Kara Harp Okulu Savunma Bilimleri Enstitüsü Savunma Bilimleri Dergisi, vol.4, no.1, pp.141-159, 2005 (Peer-Reviewed Journal)

XIX. **A multiobjective approach to portfolio selection: A nonlinear goal programming model**
ÇETİN E.
TURMOB, Journal of Accounting and Auditing, vol.0, no.0, pp.57-74, 2005 (Peer-Reviewed Journal)

XX. **A spreadsheet solution proposal for linear programming with interval coefficients and its sensitivity analysis**
ÇETİN E.
Istanbul University Journal of Management, vol.15, no.47, pp.93-104, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Medikal Karar Verme Yöntemleri Sağlık Yönetimi ve Tıpta Matematiksel Uygulamalar**
Çetin E.
Beta Yayınevi, İstanbul, 2013

II. **Oyun Teorisi**
ÇETİN E.
in: Uygulamalı Yöneylem Araştırması, Esen H. Ö., Editor, Çağlayan Kitabevi, İstanbul, 2007

Refereed Congress / Symposium Publications in Proceedings

I. **A novel metaheuristic approach for travelling tourist problem with time windows: A single day in Istanbul**
Keskintürk T., Çetin E., YILDIRIM B. F.
2015 International Conference on Artificial Intelligence, ICAI 2015 - WORLDCOMP 2015, Nevada, United States Of America, 27 - 30 July 2015, pp.770-773

II. **Solving a Multiobjective Blood Bank Location Problem via Differential Evolution Algorithm**
ÇETİN E., KESKİNTÜRK T.
2016 3rd International Conference on Mechanical, Electronics and Computer Engineering (CMECE 2016), New York, United States Of America, 7 - 09 January 2016, pp.1

III. **A Novel Metaheuristic Approach for Travelling Tourist Problem with Time Windows: Single Day in Istanbul**
KESKİNTÜRK T., ÇETİN E., YILDIRIM B. F.
The 17th International Conference on Artificial Intelligence (ICAI'15), Las Vegas, United States Of America, 27 - 30 July 2015, pp.1-4

IV. **Tıpta Yöneylem Araştırması Teknikleri ve Seçilmiş Uygulamalar**
ESEN H. Ö., ÇETİN E., TOLUN S.
İstanbul Üniversitesi Cerrahpaşa Tıp Fakültesi, 2. Tıbbi Biyoloji Kongresi, İstanbul, Turkey, 1 - 04 May 2006, no.1, pp.14

Activities in Scientific Journals

Journal of Algebraic Statistics, First Editor, 2009 - Continues
European Journal of Pure and Applied Mathematics, First Editor, 2007 - Continues
İ.Ü. İşletme Fakültesi Dergisi, First Editor, 2007 - 2015

Metrics

Publication: 31
Citation (WoS): 33
Citation (Scopus): 42
H-Index (WoS): 3
H-Index (Scopus): 3

Congress and Symposium Activities

2016 3rd International Conference on Mechanical, Electronics and Computer Engineering (CMECE 2016), New York, ABD, 7-9 Ocak 2016, Attendee, New York, United States Of America, 2016

Non Academic Experience

İstanbul Üniversitesi İşletme Fakültesi
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