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Personal Information

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International Researcher IDs

ORCID: 0000-0003-0110-2941

Publons / Web Of Science ResearcherID: T-9173-2017

Yoksis Researcher ID: 44698

Education Information

2011 - 2015	Doctorate, Istanbul University, Sosyal Bilimler, Sayısal Yöntemler, Turkey
2008 - 2011	Postgraduate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Endüstri Mühendisliği, Turkey
2004 - 2008	Undergraduate, Marmara University, Fen Edebiyat Fakültesi, Matematik, Turkey

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

2019	Eğitiminin Eğitimi Sertifika Programı, Education Management and Planning, İstanbul Üniversitesi
2015	Istanbul Quantitative Lectures (ISTQL) 2015, Education Management and Planning, İstanbul Üniversitesi İşletme Fakültesi

Dissertations

2015	DİNAMİK ARAÇ ROTALAMA PROBLEMİNE PARÇACIK SÜRÜ OPTİMİZASYONU ALGORİTMASI ÇÖZÜM ÖNERİSİ, Istanbul University, School of Business, Sayısal Yöntemler, Doctorate
2011	Workforce Planning for Seasonal Demands, Marmara University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Postgraduate

Research Areas

Social Sciences and Humanities, Management, Quantitative Methods, Industrial Engineering , Optimization Theory and Methods, Paving Theory and Applications, Multiobjective Optimization, Heuristic Methods, Integer and Mixed Integer Programming, Engineering and Technology

Academic Titles / Tasks

2008 - Continues	Research Assistant, Istanbul University, School of Business, Department of Business Administration
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Articles Published in Other Journals

- I. **Unrelated parallel dedicated machine scheduling with sequence dependent setup times: an application in a textile company**
Erdem Demirtaş Y.
INTERNATIONAL JOURNAL OF APPLIED DECISION SCIENCES, vol.15, no.6, pp.733-752, 2022 (Scopus)
- II. **ANALYSIS OF SATISFACTION LEVELS OF ROAD PASSENGER TRANSPORTATION SERVICES IN TURKEY**
Kuzu Yıldırım S., Erdem Demirtaş Y.
Pamukkale Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, no.43, pp.347-358, 2021 (Peer-Reviewed Journal)
- III. **The efficiency of private pension companies using dynamic data envelopment analysis**
Erdem Demirtaş Y., Fidan Keçeci N.
Quantitative Finance and Economics, vol.4, no.2, pp.204-219, 2020 (ESCI)
- IV. **Risk-Based DEA Efficiency and SSD Efficiency of OECD Members Stock Indices**
FİDAN KEÇECİ N., ERDEM DEMİRTAŞ Y.
ALPHANUMERIC JOURNAL, vol.6, pp.25-36, 2018 (Peer-Reviewed Journal)
- V. **DİNAMİK ARAÇ ROTALAMA PROBLEMLERİ İÇİN YENİ BİR ÇÖZÜM ÖNERİSİ**
ERDEM DEMİRTAŞ Y., Özdemir E.
Süleyman Demirel Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.22, no.3, pp.807-823, 2017 (Peer-Reviewed Journal)
- VI. **A Mixed Nonlinear Integer Programming Model for an Aggregate Production Planning Problem with Seasonal Demands**
ERDEM DEMİRTAŞ Y., Bulkan S.
Scottish Journal of Arts, Social Sciences and Scientific Studies, vol.10, no.2, pp.192-203, 2013 (Peer-Reviewed Journal)
- VII. **Kanguru Algoritması Ve Gezgin Satıcı Problemine Uygulanması**
ERDEM DEMİRTAŞ Y., KESKİNTÜRK T.
İSTANBUL TİCARET ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, vol.10, no.19, pp.51-63, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Veri Zarflama Analizi ve Makine Öğrenimi Algoritmaları Kullanılarak Mevduat Bankalarının Etkinlik Analizi: Türkiye Örneği**
Erdem Demirtaş Y.
in: İŞ ANALİTİĞİNDE MATEMATİKSEL MODELLEME UYGULAMALARI, Ahmet Bahadır Şimşek, Editor, Gazi Kitabevi, Ankara, pp.113-149, 2022
- II. **Dinamik Araç Rotalama Problemleri**
ERDEM DEMİRTAŞ Y.
Kriter Yayınevi, İstanbul, 2019
- III. **An Analysis on Return Performances of City Indices From BIST**
FİDAN KEÇECİ N., ERDEM DEMİRTAŞ Y.
in: Advances in Global Business and Economics, Cobanoglu C., Corbacı A., Editor, Anahei Publishing, Florida, pp.136-145, 2019
- IV. **STEM**
ERDEM DEMİRTAŞ Y.
in: İşletmeciler, Mühendisler ve Yöneticiler için Operasyonel, Yönetimsel ve Stratejik Problemlerin Çözümünde Çok Kriterli Karar Verme Yöntemleri, Yıldırım B.F., Önder E., Editor, Dora Basım- Yayın Dağıtım Ltd. Şti., Bursa, pp.291-295, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Dynamic Data Envelopment Analysis of Return Performance of BIST City Indices**
Erdem Demirtaş Y., Fidan Keçeci N.
20th International Symposium on Econometrics, Operations Research and Statistics, Ankara, Turkey, 12 February 2020, pp.163
- II. **Veri Zarflama Analizi ve Stokastik Baskınlık Kriteri ile Finansal Getirilerde Etkinlik Ölçümü**
FİDAN KEÇECİ N., ERDEM DEMİRTAŞ Y.
Yöneylem Araştırması ve Endüstri Mühendisliği 36. Ulusal Kongresi, İzmir, Turkey, 13 - 15 July 2016, pp.135-136
- III. **A Particle Swarm Optimization for the Dynamic Vehicle Routing Problem**
Erdem Demirtaş Y., Özdemir E., Demirtaş U.
6th INTERNATIONAL CONFERENCE ON MODELING, SIMULATION AND APPLIED OPTIMIZATION, İstanbul, Turkey, 27 - 29 May 2015, pp.1
- IV. **A Particle Swarm Optimization for the Dynamic Vehicle Routing Problem**
Demirtas Y., Ozdemir E., Demirtas U.
6th International Conference on Modeling, Simulation, and Applied Optimization (ICMSAO), İstanbul, Turkey, 27 - 29 May 2015
- V. **A Particle Swarm Optimization for Dynamic Vehicle Routing Problem**
ERDEM DEMİRTAŞ Y., ÖZDEMİR E., Demirtaş U.
XXVI. EURO-INFORMS 26th European Conference on Operational Research, Italy, pp.300
- VI. **Mevsimsel Taleplere Göre İşgücü Planlaması**
ERDEM DEMİRTAŞ Y., Bulkan S.
11. Üretim Araştırmaları Sempozyumu, İstanbul, Turkey, 1 - 04 June 2011, pp.701-709
- VII. **Hybrid Metaheuristic for the Traveling Salesman Problem**
KESKİNTÜRK T., ERDEM DEMİRTAŞ Y.
Industrial Engineering Research Conference, United States Of America, 1 - 04 May 2011, pp.200-205
- VIII. **Ağırlıklandırılmış Rotaya Dayalı Kaynak Kısıtlı Proje Çizelgeleme Metodu**
Samur S., ERDEM DEMİRTAŞ Y., Bulkan S.
10. Üretim Araştırmaları Sempozyumu, Girne, Turkey, 1 - 04 September 2010, pp.419-422

Supported Projects

2020 - 2021	Merkas Tekstil Tedarik Zinciri Planlama ve Geliştirme, Technopark
2019 - 2021	DİNAMİK VERİ ZARFLAMA ANALİZİ VE BİR UYGULAMA, Project Supported by Higher Education Institutions
2016 - 2016	VERİ ZARFLAMA ANALİZİ VE STOKASTİK BASKINLIK KRİTERİ İLE FİNANSAL GETİRİLERDE ETKİNLİK ÖLÇÜMÜ, Project Supported by Higher Education Institutions
2014 - 2016	Dinamik Optimizasyon Problemleri ve Bir Uygulama, Project Supported by Higher Education Institutions

Scientific Refereeing

June 2016	Istanbul University Journal of the School of Business, Other Indexed Journal
August 2015	International Journal of Production Research, SCI Journal

Metrics

Publication: 19
Citation (WoS): 6
Citation (Scopus): 8

H-Index (WoS): 2

H-Index (Scopus): 1