

## Doç.Dr. DUYGU YILMAZ EROĞLU

### Kişisel Bilgiler

E-posta: duygueroğlu@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/duygueroğlu>

### Uluslararası Araştırmacı ID'leri

ScholarID: cPiZKG4AAAAJ

ORCID: 0000-0002-7730-2707

Publons / Web Of Science ResearcherID: AAH-1079-2021

ScopusID: 56120864000

Yoksis Araştırmacı ID: 155486

### Eğitim Bilgileri

Doktora, Bursa Uludağ Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği (Dr), Türkiye 2008 - 2014

Yüksek Lisans, Bursa Uludağ Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği (YI) (Tezli), Türkiye 2000 - 2003

Lisans, Bursa Uludağ Üniversitesi, MÜHENDİSLİK FAKÜLTESİ, Endüstri Mühendisliği Bölümü, Türkiye 1995 - 1999

### Araştırma Alanları

Endüstri Mühendisliği

### Akademik Unvanlar / Görevler

Araştırma Görevlisi Dr., Bursa Uludağ Üniversitesi, MÜHENDİSLİK FAKÜLTESİ, ENDÜSTRİ MÜHENDİSLİĞİ, 2009 - 2018

### Verdiği Dersler

Operations Research II, Lisans, 2017 - 2018

İnsan Kaynakları Yönetimi, Lisans, 2017 - 2018

Operations Research I, Lisans, 2017 - 2018

Applied Data Mining, Lisans, 2017 - 2018

Verimlilik ve Değer Analizi, Lisans, 2017 - 2018

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

#### I. An Adapted Ant Colony Optimization for Feature Selection

YILMAZ EROĞLU D., Akcan U.

APPLIED ARTIFICIAL INTELLIGENCE, cilt.38, sa.1, 2024 (SCI-Expanded)

#### II. Simulated Annealing Algorithm and Implementation Software for Fabric Cutting Problem

YILMAZ EROĞLU D., ORBAK A. Y.

TEKSTİL VE KONFEKSİYON, cilt.30, sa.1, ss.10-19, 2020 (SCI-Expanded)

- III. **Systematization, Implementation and Analysis of the Overall Throughput Effectiveness Calculation for the Finishing Processes after Weaving**  
YILMAZ EROĞLU D.  
TEKSTİL VE KONFEKSİYON, cilt.29, sa.2, ss.121-132, 2019 (SCI-Expanded)
- IV. **A novel Hybrid Genetic Local Search Algorithm for feature selection and weighting with an application in strategic decision making in innovation management**  
Yılmaz Eroğlu D., Kılıç K.  
INFORMATION SCIENCES, cilt.405, ss.18-32, 2017 (SCI-Expanded)
- V. **Genetic algorithm with local search for the unrelated parallel machine scheduling problem with sequence-dependent set-up times**  
Yılmaz Eroğlu D., Özmütlu H. C., Özmütlu S.  
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.52, sa.19, ss.5841-5856, 2014 (SCI-Expanded)
- VI. **MIP Models and Hybrid Algorithms for Simultaneous Job Splitting and Scheduling on Unrelated Parallel Machines**  
YILMAZ EROĞLU D., ÖZMUTLU H. C.  
SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)
- VII. **Introducing the MCHF/OVRP/SDMP: Multicapacitated/Heterogeneous Fleet/Open Vehicle Routing Problems with Split Deliveries and Multiproducts**  
YILMAZ EROĞLU D., ÇAĞLAR GENÇOSMAN B., ÇAVDUR F., ÖZMUTLU H. C.  
SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)
- VIII. **A GENETIC ALGORITHM FOR THE UNRELATED PARALLEL MACHINE SCHEDULING PROBLEM WITH JOB SPLITTING AND SEQUENCE-DEPENDENT SETUP TIMES - LOOM SCHEDULING**  
YILMAZ EROĞLU D., ÖZMUTLU H. C., Koksal S. A.  
TEKSTİL VE KONFEKSİYON, cilt.24, sa.1, ss.66-73, 2014 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

- I. **Evaluation of Risk Factors Causing Occupational Accidents in the Textile Sector Using Data Mining Methods**  
Tunçman B., GÜNDÜZ T., YILMAZ EROĞLU D.  
Avrupa Bilim ve Teknoloji Dergisi, cilt.53, sa.1, ss.84-96, 2024 (Hakemli Dergi)
- II. **Lastik Jant Birleştirme Operasyonu İçin Dış Kaynak Kullanım Kararı Benzetim Modeli**  
YILMAZ EROĞLU D.  
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, cilt.25, 2020 (Hakemli Dergi)
- III. **Giriş Kalite Kontrol Sürecinde Kabul-Ret Kararı Destek Sistemi**  
YILMAZ EROĞLU D.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, cilt.7, sa.3, ss.576-590, 2019 (Hakemli Dergi)
- IV. **A Multi-Capacity Integrated Vehicle Routing and Loading Model for Pickup Milk Run**  
YILMAZ EROĞLU D., Cagliano A. C., Rafele C.  
International Journal of Mechanics and Control, cilt.18, sa.2, ss.107-121, 2017 (Scopus)
- V. **Çoklu Ürün İçeren Seri Alt Sistem İçin Toplam Etkinliğin Hesaplanması**  
YILMAZ EROĞLU D.  
Journal of Current Researches on Engineering, Science and Technology, cilt.3, sa.2, ss.19-32, 2017 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

- I. **HYBRID ALGORITHM MIP MODELS FOR UNRELATED PARALLEL MACHINE SCHEDULING**  
YILMAZ EROĞLU D.  
LAP LAMBERT Academic Publishing, Saarbrücken, 2015

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Improved Hybrid Genetic-Local Search Algorithm for Simultaneous Feature Selection and Weighting**  
ÇAĞLAR GENÇOSMAN B., YILMAZ EROĞLU D., Beğen M.  
Yazılım 2013, Bursa, Türkiye, 27 - 28 Eylül 2013, ss.4
- II. **Malzeme Lojistiği İçin Geliştirilen Matematiksel Model ve Hibrit Algoritma**  
YILMAZ EROĞLU D.  
YA/EM 2018 (38. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi), Eskişehir, Türkiye, 26 - 29 Haziran 2018, ss.33
- III. **Capacity Planning for Support Parts for Pipe Production**  
GÜLERYÜZ E., YILDIZ P., KAYA G., YILMAZ EROĞLU D., GÜNDÜZ T.  
International Conference on Applied Mathematics in Engineering, Balıkesir, Türkiye, 27 - 29 Haziran 2018, ss.91
- IV. **Determining the importance levels for each process in overall throughput effectiveness calculation using hybrid evolutionary algorithm**  
YILMAZ EROĞLU D.  
Global Joint Conference on Industrial Engineering and It's Application Areas GJCIE, Nevşehir, Türkiye, 21 - 22 Haziran 2018, ss.11
- V. **A Method for Determining the Most Important Innovation Factors**  
YILMAZ EROĞLU D.  
International Conference on Engineering Technology, Computer, Basic Applied Sciences (ECBA- 2016), İstanbul, Türkiye, 13 - 14 Ekim 2016, ss.14
- VI. **A Case Study on Global Supply Chain Management: Smart Method In Simulation Model**  
YILMAZ EROĞLU D.  
International Conference On Advances In Science ICAS 2016, İstanbul, Türkiye, 31 Ağustos - 02 Eylül 2016, ss.202
- VII. **OEE Approach In Textile Industry A Case Study in Finishing Of Weaving Process**  
YILMAZ EROĞLU D., ORBAK A. Y.  
International Conference On Advances In Science ICAS 2016, İstanbul, Türkiye, 31 Ağustos - 02 Eylül 2016
- VIII. **Outsourcing Decision in an Automobile Assembly Plant Simulation Model for Tire Rim Assembly**  
YILMAZ EROĞLU D.  
International Conference on Advances in Science ICAS 2016, İstanbul, Türkiye, 31 Ağustos - 02 Eylül 2016, ss.201
- IX. **Cutting Algorithm for Weaving Process of Textile Industry**  
YILMAZ EROĞLU D., ORBAK A. Y.  
International Conference On Advances In Science ICAS 2016, İstanbul, Türkiye, 31 Ağustos - 02 Eylül 2016
- X. **Hybrid Method for Large Scale Scheduling Problem**  
YILMAZ EROĞLU D.  
Global Joint Conference on Industrial Engineering and its Application Areas, İstanbul, Türkiye, 14 - 15 Temmuz 2016, ss.495
- XI. **MIP Model and Hybrid Heuristic Solution Method for Milkrun**  
YILMAZ EROĞLU D.  
Global Joint Conference on Industrial Engineering and its Application Areas, İstanbul, Türkiye, 14 - 15 Temmuz 2016, ss.492
- XII. **Genetic Algorithm Based Hybrid Solution for Feature Selection**  
YILMAZ EROĞLU D., ÇAĞLAR GENÇOSMAN B.  
GJCIE 2016 - Proceedings of the Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Türkiye, 14 Temmuz 2016
- XIII. **Comparison of dynamic scheduling approaches Predictive reactive scheduling vs Robust proactive scheduling in a generalized flowshop environment**  
ÇAĞLAR GENÇOSMAN B., YILMAZ EROĞLU D.  
GJCIE 2016 - Proceedings of the Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Türkiye, 14 - 15 Temmuz 2016
- XIV. **Comparison of Neural Network and Wrapper Methods for Decision Making Acceptance of Fabrics in**

## Quality Control Process

YILMAZ EROĞLU D., ÇAĞLAR GENÇOSMAN B.

GJCIE 2016 - Proceedings of the Global Joint Conference on Industrial Engineering and Its Application Areas, 14 - 15 Temmuz 2016

- XV. **Dynamic scheduling of generalized flowshop problems using mathematical programming**  
ÇAĞLAR GENÇOSMAN B., YILMAZ EROĞLU D.  
GJCIE 2016 - Proceedings of the Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Türkiye, 14 - 15 Temmuz 2016
- XVI. **A Hybrid Classification Method Based on Genetic Algorithm, Local Search and k-Nearest Neighbor**  
YILMAZ EROĞLU D., KILIÇ K.  
International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2015), İstanbul, Türkiye, 8 - 12 Haziran 2015, ss.95
- XVII. **Simultaneous Routing and Loading Method for Milk-Run Using Hybrid Genetic Search Algorithm**  
YILMAZ EROĞLU D., Rafele C., Cagliano A. C., Murat S. S., Ippolito M.  
The 12th International Logistics and Supply Chain Congress, İstanbul, Türkiye, 30 - 31 Ekim 2014, ss.48-57
- XVIII. **Improved MIP Model for Parallel Machines' Scheduling Problem**  
YILMAZ EROĞLU D., ÖZMUTLU H. C.  
International Congress in Honour of Professor Ravi P. Agarwal, Bursa, Türkiye, 23 - 26 Haziran 2014, ss.54
- XIX. **Combined use of Constraint Programming and Mixed Integer Programming: A case study in Stamping Scheduling.**  
ÇAĞLAR GENÇOSMAN B., YILMAZ EROĞLU D., Beğen M.  
INTERNATIONAL CONFERENCE on BUSINESS, MANAGEMENT, ECONOMICS and FINANCE, 4 - 05 Ekim 2013
- XX. **Performance comparison between Character N-gram and Levenshtein edit-distance for automatic topic identification in search engines**  
ÇAĞLAR GENÇOSMAN B., YILMAZ EROĞLU D., ÖZMUTLU H. C.  
International Software Conference and Exhibition, 27 - 28 Eylül 2013
- XXI. **Simultaneous feature selection and weighting: A new approach based on genetic algorithm with local search**  
YILMAZ EROĞLU D., KILIÇ K., ÖZMUTLU H. C.  
International IIE Conference, İstanbul, Türkiye, 26 - 28 Haziran 2013, ss.56
- XXII. **Automatic New Topic Identification in Search Engine Transaction Log Using Goal Programming**  
ÇAVDUR F., ÖZMUTLU S., ÖZMUTLU H. C., YILMAZ EROĞLU D., ÇAĞLAR GENÇOSMAN B.  
Proceedings of the 2012 International Conference on Industrial Engineering and Operations Management, 3 - 06 Temmuz 2012
- XXIII. **Açık Uçlu Araç Rotalama Probleminde Genetik Algoritma Yaklaşımı**  
ÇAĞLAR GENÇOSMAN B., YILMAZ EROĞLU D., ÇAVDUR F., ÖZMUTLU S., ÖZMUTLU H. C.  
Yöneyem Araştırması ve Endüstri Mühendisliği 32. Ulusal Kongresi (YA/EM 2012), Türkiye, 20 Haziran 2012

## Metrikler

Yayın: 37

Atf (WoS): 90

Atf (Scopus): 116

H-İndeks (WoS): 4

H-İndeks (Scopus): 5

## Akademi Dışı Deneyim

Tofaş A.Ş

Farba A.Ş.  
Gökçelik Ltd. Şti.