

Assoc. Prof. SADETTİN EMRE ALPTEKİN

Personal Information

Email: ealptekin@gsu.edu.tr

Web: <https://avesis.gsu.edu.tr/ealptekin>

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2001 - 2006

Postgraduate, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 1999 - 2001

Undergraduate, Istanbul Technical University, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

French, B2 Upper Intermediate

German, C1 Advanced

Research Areas

Computer Learning, Fuzzy Sets and Systems, Decision Support Systems

Academic Titles / Tasks

Associate Professor, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, 2010 - Continues

Assistant Professor, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, 2006 - Continues

Research Assistant, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, 2000 - 2006

Academic and Administrative Experience

Galatasaray Üniversitesi, Mühendislik ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, 2008 - Continues

Galatasaray Üniversitesi, Mühendislik ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, 2007 - 2008

Advising Theses

ALPTEKİN S. E. , Data-Driven Human Behavior Modeling with Machine Learning, Postgraduate, YAÇIKMEŞE(Student), 2019

ALPTEKİN S. E. , COLLABORATIVE FILTERING BASED RECOMMENDER SYSTEM DESIGN FOR E-COMMERCE,

Postgraduate, M.ARTUKARSLAN(Student), 2019

ALPTEKİN S. E. , COMPUTER BASED DIAGNOSIS SYSTEM OF THYROID NODULES FROM SCINTIGRAPHIC IMAGES, Postgraduate, A.SEZER(Student), 2018

ALPTEKİN S. E. , Software development effort estimation by using artificial neural networks, Postgraduate, T.UĞURLU(Student), 2017

ALPTEKİN S. E. , Spreadsheet heuristic for volatile demand environments to solve the joint replenishment problem, Postgraduate, B.TÜRKAY(Student), 2013

ALPTEKİN S. E. , Cross selling decision support system in private pension and life insurance systems, Postgraduate, B.YAKAN(Student), 2013

ALPTEKİN S. E. , Effects of disinflation on banks in terms of profitability: A nonparametric study on Turkish commercial banks, Postgraduate, E.AYAZ(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of factors affecting the decision to adopt blockchain technology: A logistics company case study using Fuzzy DEMATEL**
Maden A., Alptekin E.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.5, pp.6279-6291, 2020 (Peer-Reviewed Journal)
- II. **A Fuzzy Quality Function Deployment Approach for Differentiating Cloud Products**
ALPTEKİN S. E. , Alptekin G. I.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.11, no.1, pp.1041-1055, 2018 (Peer-Reviewed Journal)
- III. **A hybrid MCDM methodology for ERP selection problem with interacting criteria**
GÜRBÜZ T., ALPTEKİN S. E. , Alptekin G. I.
DECISION SUPPORT SYSTEMS, vol.54, no.1, pp.206-214, 2012 (Peer-Reviewed Journal)
- IV. **A fuzzy decision support system for digital camera selection based on user preferences**
Alptekin S. E.
EXPERT SYSTEMS WITH APPLICATIONS, vol.39, no.3, pp.3037-3047, 2012 (Peer-Reviewed Journal)
- V. **An integrated decision framework for evaluating and selecting e-learning products**
ALPTEKİN S. E. , KARSAK E. E.
APPLIED SOFT COMPUTING, vol.11, no.3, pp.2990-2998, 2011 (Peer-Reviewed Journal)
- VI. **Product evaluation and development process using a fuzzy compromise-based goal programming approach**
Tolga E., ALPTEKİN S. E.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.19, pp.285-301, 2008 (Peer-Reviewed Journal)
- VII. **Product planning in quality function deployment using a combined analytic network process and goal programming approach**
Karsak E., Sozer S., Alptekin S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.44, no.1, pp.171-190, 2003 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **An improved BiGAN based approach for anomaly detection**
Kaplan M. O. , Alptekin S. E.
24th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, Verona, Italy, 16 September 2020, vol.176, pp.185-195
- II. **Prediction of stress levels with LSTM and passive mobile sensors**
Açıkmeşe Y., Alptekin S. E.
23rd International Conference on Knowledge-Based and Intelligent Information Engineering Systems, Budapest,

Hungary, 4 - 06 September 2019, vol.159, pp.658-667

- III. **Collaborative Filtering Based Recommender System Design For E-Commerce: A Case Study**
Artukarslan M., Alptekin S. E.
The Fourteenth International Conference on Internet and Web Applications and Services, Nice, France, 28 July - 02 August 2019, pp.21-26
- IV. **A K-Means Algorithm Application on Big Data**
Eren B., Karabulut E. C. , ALPTEKİN S. E. , Alptekin G. I.
World Congress on Engineering and Computer Science, San-Francisco, Costa Rica, 21 - 23 October 2015, pp.814-818
- V. **Spreadsheet Heuristic for Stochastic Demand Environments to Solve the Joint Replenishment Problem**
Turkay B., ALPTEKİN S. E.
World Congress on Engineering (WCE 2013), London, Canada, 3 - 05 July 2013, pp.506-507
- VI. **An integrated approach for defining pricing strategies in competitive markets**
Alptekin G. I. , ALPTEKİN S. E.
International Conference on Information, Process and Knowledge Management, Cancun, Mexico, 1 - 06 February 2009, pp.54-55
- VII. **Product improvement by selecting appropriate suppliers: A case study**
ALPTEKİN S. E. , Alptekin G. I.
International Conference on Information, Process and Knowledge Management, Cancun, Mexico, 1 - 06 February 2009, pp.129-130
- VIII. **Product development process using a fuzzy compromise-based goal programming approach**
Tolga E., ALPTEKİN S. E.
International Conference on Computational Science and Its Applications (ICCSA 2007), Kuala-Lumpur, Malaysia, 26 - 29 August 2007, vol.4705, pp.832-834

Supported Projects

- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, ENDÜSTRİ 4.0 ALT SİSTEMLERİNİN TASARIMI VE İLGİLİ MODELLERİ, 2018 - 2020
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, NESNELERİN İNTERNETİ UYGULAMALARININ TASARLANMASI VE MODELLENMESİ, 2017 - 2018
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, ORGANİZASYONEL KARAR VERME SÜREÇLERİNDE YAPAY SİNİR AĞI UYGULAMALARI, 2016 - 2017
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, BİLGİ VE İLETİŞİM TEKNOLOJİSİ SİSTEMLERİNİN İNCELENMESİ, MODELLENMESİ VE YÖNETİMİ, 2015 - 2017
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, BİLGİ YÖNETİMİNDE KARAR DESTEK SİSTEMLERİ, 2013 - 2015
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, STRATEJİK KARAR ALMA SÜRECİNDE DENEYSEL TASARIM KULLANIMI, 2011 - 2013
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, TÜKETİCİ ELEKTRONİĞİ SEÇİMİNDE KULLANICI ESASLI KARAR DESTEK SİSTEMİ, 2011 - 2012
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, ELEKTRONİK ÖDEME ALTERNATİFLERİNİN TÜRKİYE İÇİN DEĞERLENDİRİLMESİ, 2010 - 2011
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, YENİ NESİL AĞLARDA KALİTE ODAKLI KAYNAK ATAMA, 2010 - 2011
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, ORGANİZASYONLARIN TEMEL YETKİNLİKLERİNİN BELİRLENMESİ, 2009 - 2011
- ALPTEKİN S. E. , Project Supported by Higher Education Institutions, YENİ ÜRÜN İNOVASYONUNDA OLUŞAN RİSKLERİN DEĞERLENDİRİLMESİ, 2009 - 2010

ALPTEKİN S. E. , Project Supported by Higher Education Institutions, UZAKTAN EĞİTİM PROGRAMLARININ DEĞERLENDİRİLMESİNDE ÇOK AMAÇLI KARAR VERME YAKLAŞIMLARI, 2009 - 2010

ALPTEKİN S. E. , Project Supported by Higher Education Institutions, TEDARİKÇİ SEÇİMİ İLE ÜRÜN GELİŞİMİNİN SAĞLANMASI İÇİN ÇOK ÖLÇÜTLÜ KARAR VERME YAKLAŞIMLARI, 2008 - 2009

Metrics

Publication: 15

Citation (WoS): 464

Citation (Scopus): 575

H-Index (WoS): 5

H-Index (Scopus): 5