

# ORHAN FEYZİOĞLU

## PROF.

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-5351-2019

ScopusID: 6506732937

Yoksis Researcher ID: 14229



## Learning Knowledge

Doctorate  
1998 - 2003

Bogazici University, Institute for Graduate Studies in Science and Engineering,  
Doctor of Philosophy (Ph.D.) in Industrial Engineering, Turkey

Postgraduate  
1996 - 1998

Bogazici University, Institute for Graduate Studies in Science and Engineering,  
Master of Science (M.Sc.) in Industrial Engineering, Turkey

Undergraduate  
1991 - 1996

Istanbul Technical University, İşletme, Bachelor of Science (BSc) in Industrial  
Engineering, Turkey

## Foreign Languages

French, C2 Mastery

English, C1 Advanced

## Dissertations

Doctorate, The Design of optimum system-based component test plans for systems with changing operating conditions, Bogazici University, Institute for Graduate Studies in Science and Engineering, Doctor of Philosophy (Ph.D.) in Industrial Engineering, 2003

Postgraduate, System based component test plans for series and serial connection of repundant subststems working in a changing environment, Bogazici University, Institute for Graduate Studies in Science and Engineering, Master of Science (M.Sc.) in Industrial Engineering, 1998

## Academic Titles / Tasks

Professor  
2014 - Continues

Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği

Associate Professor  
2008 - 2014

Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği

Assistant Professor  
2003 - 2008

Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği

Researcher  
2003 - 2004

Laboratory of Informatics, Modelling and Optimization of the Systems (LIMOS)  
UMR CNRS 6158

Research Assistant  
1996 - 2003

Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği

## Supported Projects

1. FEYZİOĞLU O., Project Supported by Higher Education Institutions, ÜRÜN GELİŞTİRME VE AKILLI SİSTEMLERİN MODELLENMESİ VE ÇOK ÖLÇÜTLÜ KARAR ANALİZİ, 2018 - 2019
2. FEYZİOĞLU O., ŞENER N., Project Supported by Higher Education Institutions, LOJİSTİK AĞLARINDA ANA DAĞITIM ÜSSÜ PROBLEMLERİ, 2017 - 2019
3. FEYZİOĞLU O., Project Supported by Higher Education Institutions, TEKNOLOJİ SEÇİM PROBLEMLERİ İÇİN SEZGİSEL BULANIK KARAR VERME YAKLAŞIMLARININ GELİŞTİRİLMESİ, 2017 - 2018
4. FEYZİOĞLU O., Project Supported by Higher Education Institutions, ENDÜSTRİYEL SİSTEMLERİN MODELLENMESİ VE ANALİZİ, 2016 - 2017
5. FEYZİOĞLU O., Project Supported by Higher Education Institutions, ULAŞIM VE SAĞLIK SEKTÖRLERİ İÇİN RİSKE DUYARLI İKİ AŞAMALI MATEMATİKSEL PROGRAMLAMA MODELLERİNİN GELİŞTİRİLMESİ, 2013 - 2015
6. FEYZİOĞLU O., Project Supported by Higher Education Institutions, ŞEHİRİÇİ ULAŞIM SİSTEMLERİNİN ÇEVRESEL VE TOPLUMSAL ETKİLERİNİN ARAÇ GÜZERGAHLARINI BELİRLEMEDE DİKKATE ALINMASI, 2012 - 2013
7. FEYZİOĞLU O., Project Supported by Higher Education Institutions, ULAŞIM AĞLARININ SÜRDÜRÜLEBİLİRLİĞİNİN MUKAYESELİ DEĞERLENDİRİLMESİ, 2010 - 2011
8. FEYZİOĞLU O., Project Supported by Higher Education Institutions, TRAFİK ATAMASINDA SÜRDÜRÜLEBİLİR ÇÖZÜMLER ÜRETİLMESİ, 2010 - 2011
9. FEYZİOĞLU O., Project Supported by Higher Education Institutions, MODÜLER ÜRÜN TEDARİK ZİNCİRLERİNDE STOK TAHSİSİ, 2010 - 2011
10. FEYZİOĞLU O., Project Supported by Higher Education Institutions, ÇOK ÖLÇÜTLÜ ENİYİ BİLEŞEN SINAM PLANLARININ TASARLANMASI, 2009 - 2010
11. FEYZİOĞLU O., Project Supported by Higher Education Institutions, BİLGİ YÖNETİMİ ARAÇLARINI DEĞERLENDİRMEK İÇİN BİR KARAR VERME YAKLAŞIMI, 2008 - 2009

## Designed Programs

Feyzioğlu O., Postgraduate, Smart Systems Engineering , 2020 - Continues

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

1. **Multiple allocation hub covering flow problem under uncertainty**  
ŞENER N., FEYZİOĞLU O.

- ANNALS OF OPERATIONS RESEARCH, vol.320, no.2, pp.975-997, 2023 (SCI-Expanded)
2. **A review of urban resilience literature**  
Buyukozkan G., Ilicak O., FEYZİOĞLU O.  
SUSTAINABLE CITIES AND SOCIETY, vol.77, 2022 (SCI-Expanded)
  3. **An integrated SWOT based fuzzy AHP and fuzzy MARCOS methodology for digital transformation strategy analysis in airline industry**  
Havle C. A., FEYZİOĞLU O., Buyukozhan G.  
JOURNAL OF AIR TRANSPORT MANAGEMENT, vol.97, 2021 (SSCI)
  4. **Digital competency evaluation of low-cost airlines using an integrated IVIF AHP and IVIF VIKOR methodology**  
BÜYÜKÖZKAN FEYZİOĞLU G., Havle C. A., FEYZİOĞLU O.  
JOURNAL OF AIR TRANSPORT MANAGEMENT, vol.91, 2021 (SSCI)
  5. **A new digital service quality model and its strategic analysis in aviation industry using interval-valued intuitionistic fuzzy AHP**  
BÜYÜKÖZKAN FEYZİOĞLU G., Havle C. A., FEYZİOĞLU O.  
JOURNAL OF AIR TRANSPORT MANAGEMENT, vol.86, 2020 (SSCI)
  6. **A combined group decision making based IFCM and SERVQUAL approach for strategic analysis of airline service quality**  
Buyukozkan G., Havle C. A., FEYZİOĞLU O., Gocer F.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, no.1, pp.859-872, 2020 (SCI-Expanded)
  7. **Bi-level multi-objective traffic network optimisation with sustainability perspective**  
KOLAK O. İ., FEYZİOĞLU O., NOYAN BÜLBÜL N.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.104, pp.294-306, 2018 (SCI-Expanded)
  8. **Cloud computing technology selection based on interval-valued intuitionistic fuzzy MCDM methods**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F., FEYZİOĞLU O.  
SOFT COMPUTING, vol.22, no.15, pp.5091-5114, 2018 (SCI-Expanded)
  9. **Selection of sustainable urban transportation alternatives using an integrated intuitionistic fuzzy Choquet integral approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., Gocer F.  
TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT, vol.58, pp.186-207, 2018 (SCI-Expanded)
  10. **Healthcare Website Evaluation Using Intuitionistic Fuzzy Choquet Approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F., FEYZİOĞLU O.  
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.30, pp.215-237, 2018 (SCI-Expanded)
  11. **Risk-averse toll pricing in a stochastic transportation network**  
FEYZİOĞLU O., NOYAN BÜLBÜL N.  
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.11, no.2, pp.133-167, 2017 (SCI-Expanded)
  12. **Modeling collaboration formation with a game theory approach**  
Arsenyan J., BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.42, no.4, pp.2073-2085, 2015 (SCI-Expanded)
  13. **The design of mission-based component test plans for series connection of subsystems**  
ALTINEL İ. K., ÇEKYAY B., FEYZİOĞLU O., Keskin M. E., Ozekici S.  
IIE TRANSACTIONS, vol.45, no.11, pp.1202-1220, 2013 (SCI-Expanded)
  14. **USING EMISSION FUNCTIONS IN MODELING ENVIRONMENTALLY SUSTAINABLE TRAFFIC ASSIGNMENT POLICIES**  
KOLAK O. İ., FEYZİOĞLU O., BİRBİL Ş. İ., NOYAN BÜLBÜL N., Yalcindag S.  
JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION, vol.9, no.2, pp.341-363, 2013 (SCI-Expanded)
  15. **A Decision Making Model for the Evaluation of Supply Chain Execution and Management Systems**  
Apak S., VAYVAY Ö., FEYZİOĞLU O.  
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.6, no.2, pp.293-306, 2013 (SCI-Expanded)

16. **A network simplex based algorithm for the minimum cost proportional flow problem with disconnected subnetworks**  
BAHÇECİ U., FEYZİOĞLU O.  
OPTIMIZATION LETTERS, vol.6, no.6, pp.1173-1184, 2012 (SCI-Expanded)
17. **Mission-Based Component Testing for Series Systems**  
ALTINEL İ. K., Cekyay B., FEYZİOĞLU O., Keskin M. E., Ozekici S.  
ANNALS OF OPERATIONS RESEARCH, vol.186, no.1, pp.1-22, 2011 (SCI-Expanded)
18. **Fuzzy Multi-Criteria Evaluation of Knowledge Management Tools**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., Cifci G.  
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.4, no.2, pp.184-195, 2011 (SCI-Expanded)
19. **Design of optimum component test plans in the demonstration of diverse system performance measures**  
Yamangil E., ALTINEL İ. K., Cekyay B., FEYZİOĞLU O., Ozekici S.  
IIE TRANSACTIONS, vol.43, no.7, pp.535-546, 2011 (SCI-Expanded)
20. **Evaluation of 4PL operating models: A decision making approach based on 2-additive Choquet integral**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., Ersoy M. S.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.121, no.1, pp.112-120, 2009 (SCI-Expanded)
21. **Hybrid organization of functional departments and manufacturing cells in the presence of imprecise data**  
FEYZİOĞLU O., Pierreval H.  
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.2, pp.343-368, 2009 (SCI-Expanded)
22. **Selection of the strategic alliance partner in logistics value chain**  
Bueyuekoezkan G., FEYZİOĞLU O., NEBOL E.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.113, no.1, pp.148-158, 2008 (SCI-Expanded)
23. **Optimum component test plans for phased-mission systems**  
Feyzioglu O., Altinel I. K., Ozekici S.  
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.185, no.1, pp.255-265, 2008 (SCI-Expanded)
24. **Evaluation of suppliers' environmental management performances by a fuzzy compromise ranking technique**  
Bueyuekoezkan G., FEYZİOĞLU O.  
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.14, pp.309-323, 2008 (SCI-Expanded)
25. **An integrated group decision-making approach for new product development**  
FEYZİOĞLU O., BÜYÜKÖZKAN FEYZİOĞLU G.  
INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUFACTURING, vol.21, no.4, pp.366-375, 2008 (SCI-Expanded)
26. **Fuzzy group decision-making to multiple preference formats in quality function deployment**  
Buyukozkan G., Feyzioglu O., Ruan D.  
COMPUTERS IN INDUSTRY, vol.58, no.5, pp.392-402, 2007 (SCI-Expanded)
27. **Evaluating e-learning Web site quality in a fuzzy environment**  
Buyukozkan G., Ruan D., Feyzioglu O.  
INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS, vol.22, no.5, pp.567-586, 2007 (SCI-Expanded)
28. **Effective software process management in quality function deployment by a fuzzy-logic based group decision-making approach**  
Buyukozkan G., Ruan D., Feyzioglu O.  
DYNAMICS OF CONTINUOUS DISCRETE AND IMPULSIVE SYSTEMS-SERIES B-APPLICATIONS & ALGORITHMS, vol.13, pp.141-145, 2006 (SCI-Expanded)
29. **The design of optimum component test plans for system reliability**  
Feyzioglu O., Altinel I., Ozekici S.  
COMPUTATIONAL STATISTICS & DATA ANALYSIS, vol.50, no.11, pp.3099-3112, 2006 (SCI-Expanded)

30. **An intelligent decision support system for IT outsourcing**  
Buyukozkan G., Feyzioglu O.  
FUZZY SYSTEMS AND KNOWLEDGE DISCOVERY, PROCEEDINGS, vol.4223, pp.1303-1312, 2006 (SCI-Expanded)
31. **Group decision making to better respond customer needs in software development**  
Buyukozkan G., Feyzioglu O.  
COMPUTERS & INDUSTRIAL ENGINEERING, vol.48, no.2, pp.427-441, 2005 (SCI-Expanded)
32. **A simulation-based optimization approach to size manufacturing systems**  
Feyzioglu O., Pierreval H., Deflandre D.  
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.43, no.2, pp.247-266, 2005 (SCI-Expanded)
33. **A fuzzy-logic-based decision-making approach for new product development**  
Buyukozkan G., Feyzioglu O.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.90, no.1, pp.27-45, 2004 (SCI-Expanded)
34. **A new approach based on soft computing to accelerate the selection of new product ideas**  
Buyukozkan G., Feyzioglu O.  
COMPUTERS IN INDUSTRY, vol.54, no.2, pp.151-167, 2004 (SCI-Expanded)
35. **A global optimization method for solving fuzzy relation equations**  
Birbil S., Feyzioglu O.  
FUZZY SETS AND SYSTEMS - IFSA 2003, PROCEEDINGS, vol.2715, pp.718-724, 2003 (SCI-Expanded)
36. **Component testing of a series system in a random mission**  
Altinel I., Ozekici S., Feyzioglu O.  
RELIABILITY ENGINEERING & SYSTEM SAFETY, vol.78, no.1, pp.33-43, 2002 (SCI-Expanded)
37. **Dynamic component testing of a series system with redundant subsystems**  
Altinel I., Ozekici S., Feyzioglu O.  
IIE TRANSACTIONS, vol.33, no.12, pp.1093-1108, 2001 (SCI-Expanded)
38. **Component testing of repairable systems in multistage missions**  
Altinel I., Ozekici S., Feyzioglu O.  
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.52, no.8, pp.937-944, 2001 (SCI-Expanded)

### Articles Published in Other Journals

1. **Capacitated Multiple Allocation Hub Covering Flow Problem**  
Şener N., Feyzioglu O.  
Manas Journal of Engineering, vol.9, no.1, pp.72-84, 2021 (Peer-Reviewed Journal)
2. **Dimensioning of production systems A stimulation based stochastic and multicriteria approach**  
FEYZİOĞLU O., Pierreval H.  
JOURNAL OF DECISION SYSTEMS, vol.17, no.3, pp.369-385, 2008 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

1. **Identifying Urban Logistics Strategies in Istanbul Using Multiple Preference Relations-Based SWOT Analysis**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., Ilıcak Ö.  
International Conference on Intelligent and Fuzzy Systems, INFUS 2024, Çanakkale, Turkey, 16 - 18 July 2024, vol.1090 LNNS, pp.342-349
2. **Evaluation of Digital Transformation Success Factors in Air Cargo Industry using IFCM Approach**  
HAVLE C. A., BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
8th North American International Conference on Industrial Engineering and Operations Management, Houston, United States Of America, 13 - 16 June 2023
3. **Circular Supply Chains: An Internet of Things Application for Rotten Product Detection in Aggregate**

## **Food Industry**

Ergeldi C., FEYZİOĞLU O.

3rd International Conference on Basic Sciences, Engineering and Technology, ICBASET 2023, Marmaris, Turkey, 27 - 30 April 2023, vol.22, pp.210-216

4. **Intuitionistic Fuzzy Cognitive Map Based Analysis of Supply Chain Risks**  
BÜYÜKÖZKAN FEYZİOĞLU G., Havle C. A., FEYZİOĞLU O.  
IFIP WG 5.7 International Conference on Advances in Production Management Systems, APMS 2021, Nantes, France, 5 - 09 September 2021, vol.634 IFIP, pp.634-643
5. **An Integrated QFD Approach for Industrial Robot Selection**  
BÜYÜKÖZKAN FEYZİOĞLU G., Ilicaki O., FEYZİOĞLU O.  
International-Federation-of-Information-Processing-Working-Group-5.7 (IFIP WG 5.7) International Conference on Advances in Production Management Systems (APMS), ELECTR NETWORK, 5 - 09 September 2021, vol.632, pp.561-570
6. **Analyzing Success Factors of Digital Transformation in Aviation Industry Using Fuzzy Cognitive Map Approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., HAVLE C. A.  
3rd International Conference on Data Science and Business Analytics (ICDSBA), İstanbul, Turkey, 11 October 2019, pp.124-128
7. **Integrated Fuzzy Multi Criteria Decision Making Approach for Sustainable Energy Technology Selection**  
Büyükožkan G., Havle C. A., Feyziolu O., UZTÜRK D.  
9th International Conference on Informatics, Environment, Energy and Applications, IEEA 2020, Amsterdam, Netherlands, 13 - 16 March 2020, pp.93-98
8. **Intuitionistic Fuzzy AHP Based Strategic Analysis of Service Quality in Digital Hospitality Industry**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., HAVLE C. A.  
9. IFAC Conference on Manufacturing Modeling, Management and Control, Berlin, Germany, 28 - 30 August 2019
9. **Resilient Supply Chain Strategy Development**  
ILICAK Ö., BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
17. International Logistics and Supply Chain Congress (LMSCM2019), İstanbul, Turkey, 17 - 18 October 2019
10. **Digital Transformation Risk Analysis of Turkey Aviation Industry**  
HAVLE C. A., BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
17. International Logistics and Supply Chain Congress (LMSCM2019), İstanbul, Turkey, 17 - 18 October 2019
11. **A Grey Approach to Evaluate Success and Risk Factors in Supply Chain Management**  
BÜYÜKÖZKAN FEYZİOĞLU G., ILICAK Ö., FEYZİOĞLU O.  
International Conference on Intelligent and Fuzzy Systems (INFUS 2019), İstanbul, Turkey, 23 - 25 July 2019, pp.497-505
12. **Türkiye Sağlık Sektöründe Dijital Dönüşüm ve Hizmet Kalitesinin Stratejik Analizi**  
HAVLE C. A., BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
39. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi (YAEM2019), Ankara, Turkey, 12 - 14 June 2019
13. **Analysis of Success Factors in Aviation 4.0 Using Integrated Intuitionistic Fuzzy MCDM Methods**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., HAVLE C. A.  
International Conference on Intelligent and Fuzzy Systems (INFUS 2019), İstanbul, Turkey, 23 - 25 July 2019, pp.598-606
14. **Two Stage Stochastic Optimization Model for Multiple Allocation Hub Covering Problem**  
ŞENER N., FEYZİOĞLU O.  
48th International Conference on Computers Industrial Engineering (CIE48), Auckland, New Zealand, 2 - 05 December 2018
15. **Interval-Valued Intuitionistic Fuzzy MultiMoorra Approach for New Product Development**  
FEYZİOĞLU O., GÖÇER F., BÜYÜKÖZKAN FEYZİOĞLU G.  
13th International FLINS Conference (FLINS 2018), Belfast, United Kingdom, 21 - 24 August 2018, pp.1066-1073

16. **Evaluation of Smart City Logistics Solutions with Fuzzy MCDM Methods**  
BÜYÜKÖZKAN FEYZİOĞLU G., MUKUL E., GÜLER M., FEYZİOĞLU O.  
16th International Logistics and Supply Chain Congress (LMSCM), Denizli, Turkey, 18 - 20 October 2018, pp.462-469
17. **A New Service Quality Model for Aviation Industry**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., HAVLE C. A.  
16th International Logistics and Supply Chain Congress (LMSCM), Denizli, Turkey, 18 - 20 October 2018, pp.444-451
18. **Digital Transformation Strategy Analysis of Turkey Aviation Industry**  
FEYZİOĞLU O., HAVLE C. A., BÜYÜKÖZKAN FEYZİOĞLU G.  
16th International Logistics and Supply Chain Congress (LMSCM), Denizli, Turkey, 18 - 20 October 2018, pp.452-461
19. **Interval-valued intuitionistic fuzzy MULTIMOORA approach for new product development**  
FEYZİOĞLU O., GÖÇER F., BÜYÜKÖZKAN FEYZİOĞLU G.  
Data Science and Knowledge Engineering for Sensing Decision Support, Belfast, Northern Ireland, UK, United Kingdom, 21 - 24 August 2018, vol.11, pp.1066-1073
20. **Airline Service Quality Analysis by Using Fuzzy Cognitive Map Approach**  
FEYZİOĞLU O., HAVLE C. A., BÜYÜKÖZKAN FEYZİOĞLU G.  
15th International Logistics and Supply Chain Congress (LMSCM 2017), 19 - 20 October 2017
21. **Cloud Computing Technology Selection Based on Interval Valued Intuitionistic Fuzzy COPRAS**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F., FEYZİOĞLU O.  
10th Conference of the European-Society-for-Fuzzy-Logic-and-Technology (EUSFLAT) / 16th International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets (IWIFSGN), Warszawa, Poland, 11 - 15 September 2017, vol.641, pp.318-329
22. **Cloud Computing Technology Selection Based on Interval Valued Intuitionistic Fuzzy Group Decision Making using MULTIMOORA Approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F., FEYZİOĞLU O.  
IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), Naples, Italy, 9 - 12 July 2017
23. **Multiple Allocation Stochastic Hub Covering Problem with Flow Costs Uncertainty**  
ŞENER N., FEYZİOĞLU O.  
11th International Conference on Industrial Engineering and Industrial Management (CIO'xx17), 5 - 06 July 2017
24. **Evaluation of Hospital Web Services Using Intuitionistic Fuzzy AHP and Intuitionistic Fuzzy VIKOR**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., Gocer F.  
IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), Balvi, Latvia, 4 - 07 December 2016, pp.607-611
25. **INTUITIONISTIC FUZZY CHOQUET APPROACH TO EVALUATE HOSPITAL WEBSITES**  
FEYZİOĞLU O., BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F.  
12th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), Roubaix, France, 24 - 26 August 2016, vol.10, pp.595-601
26. **Intuitionistic Fuzzy Choquet Approach to Evaluation Hospital Websites**  
FEYZİOĞLU O., BÜYÜKÖZKAN FEYZİOĞLU G., GÖÇER F.  
12th International FLINS Conference, Roubaix, France, 24 - 26 August 2016, pp.595-601
27. **RFM Analysis for a Packaging Industry Using Self Organising Maps**  
Taşkın E., FEYZİOĞLU O.  
4th International Workshop on Artificial Intelligence for Knowledge Management, New-York, United States Of America, 09 July 2016, pp.18-29
28. **Sustainability Performance Evaluation of Transportation Networks Using MCDM Analysis**  
KOLAK O. İ., FEYZİOĞLU O.  
World Congress on Engineering, Londrina, Brazil, 29 June - 01 July 2016, pp.42-47
29. **A Quantitative Analysis for Evaluating the Sustainability of Transportation Networks**  
KOLAK O. İ., FEYZİOĞLU O.

IIE Annual Conference & Expo 2016, Anaheim, United States Of America, 21 - 24 May 2016

30. **Comparing European Countries Transport Networks with a Sustainability Perspective**  
KOLAK O. İ., FEYZİOĞLU O.  
World Congress on Engineering and Computer Science, San-Francisco, Costa Rica, 21 - 23 October 2015, pp.982-987
31. **Considering Travel Time and Demand Uncertainties While Setting Optimum Transit Line Frequencies**  
ÜLKÜ İ., FEYZİOĞLU O.  
26th European Conference of Operational Research, Roma, Italy, 1 - 04 July 2013
32. **Eniyi Toplu Taşıma Sefer Sıklıklarını Belirlemede Yolculuk Süresi ve Talebindeki Belirsizliğin Gözetilmesi**  
ÜLKÜ İ., FEYZİOĞLU O.  
Yöneylem Araştırması ve Endüstri Mühendisliği 33. Ulusal Kongresi, İstanbul, Turkey, 26 - 28 June 2013
33. **Risk Averse Stochastic Programming Approach for the Appointment Scheduling Problem**  
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34. **Considering Sustainability in the Planning of Transportation Systems: Istanbul Case**  
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35. **Considering Sustainability in the Planning of Transit Systems: Istanbul Case**  
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36. **Generating Sustainable Solutions for the Urban Transportation Considering Multiple User Classes**  
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37. **Sürdürülebilirliği Gözeterek İstanbul için Eniyi Toplu Taşıma Sefer Sıklıklarının Belirlenmesi**  
BURAN B., FEYZİOĞLU O.  
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39. **Considering Sustainability in the Planning of Transportation Systems**  
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40. **Sustainable Traffic Assignment Considering Stochastic User Equilibrium and Multiple User Classes**  
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Arsenyan J., BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
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42. **Multicriteria Sustainability Evaluation of Transport Networks for Selected European Countries**  
KOLAK O. İ., Akin D., BİRBİL Ş. İ., FEYZİOĞLU O., NOYAN BÜLBÜL N.  
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43. **A FUZZY-LOGIC BASED GROUP DECISION-MAKING APPROACH IN QUALITY FUNCTION DEPLOYMENT**  
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44. **İki Seviyeli Bir Kent İçi Hızlı Ulaşım Ağı Tasarımı Modeli**  
GÜNDOĞDU E., FEYZİOĞLU O.  
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45. **Modüler Ürünlerin Tedarik Ağlarında Çok Dönemli Stok Tahsisi**



BAHÇECİ U., FEYZİOĞLU O.

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46. **A Multiobjective Approach for Rapid Transit Network Design**

GÜNDOĞDU E., FEYZİOĞLU O.

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47. **Sürdürülebilirlik Perspektifi ile Tedarik Zinciri Ağı Tasarımı**

KARAMAN H., MEKİKER Ç., MERCAN S., FEYZİOĞLU O.

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48. **Ulaşım Ağlarında Geçiş Ücretlendirmesi için CVaR İçeren Rassal İki Seviyeli Programlama Modeli**

YALÇINDAĞ S., BİRBİL Ş. İ., FEYZİOĞLU O., NOYAN BÜLBÜL N.

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49. **Supply Chain Network Design with Sustainability Perspective**

KARAMAN H., MEKİKER Ç., MERCAN S., FEYZİOĞLU O.

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50. **Trafik Yönetimi Politikalarının Çevresel Olarak Sürdürülebilirliğini Değerlendirmede İki Seviyeli Eniyileme Modellerinden Faydalanılması**

BAŞARAN O. İ., BİRBİL Ş. İ., FEYZİOĞLU O., NOYAN BÜLBÜL N., YALÇINDAĞ S.

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54. **ANALYZING SUPPLY CHAIN COLLABORATION USING FUZZY COGNITIVE MAP APPROACH**

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56. **Design of Optimum Component Test Plans while Considering Expected System Lifetime**

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58. **Çok Ölçütlü Eniyi Bileşen Sınam Planlarının Tasarlanması**

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61. **A Decision Framework for the Evaluation of the Knowledge Management Tools**  
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62. **Evaluation of Green Suppliers Considering Decision Criteria Dependencies**  
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65. **Sürdürülebilir Kentsel Ulaşım: İki Seviyeli ve Çok Amaçlı Bir Eniyileme Uygulaması**  
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66. **A MCDM Tool to Evaluate Government Web Sites in a Fuzzy Environment**  
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68. **Dizge Tabanlı Bileşen Denemelerinin Tasarımında Beklenen Dizge Yaşam Süresinin Belirlenmesi**  
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70. **Melez Üretim Sistemleri Tasarımında Yeni bir Yaklaşım**  
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72. **Görev Tabanlı Dizgelerin Güvenilirlik Analizi**  
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73. **Web Tabanlı Sayısal Haritalama Bilgisi Kullanılarak Araç Rotalama Probleminin Modellenmesi ve Ç**  
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74. **Development of a Web based Digital Mapping Tool to Model the Vehicle Routing Problem**  
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75. **Evaluation of Agile Supply Chain Strategies: An Analytic Approach**  
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76. **An Integrated Evaluation Approach to Technological Innovation Risk Management**  
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77. **A Design Approach to Create Mixed Shop Layouts**  
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80. **Evaluation of 4PL Operating Models using a Multi-Criteria Decision-Making Approach based on the Choquet Integral**  
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81. **A neuro-fuzzy inference system for the evaluation of new product development projects**  
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82. **Evaluation of suppliers' environmental management performances by a fuzzy compromise ranking technique**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
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83. **Evaluation of New Product Development Projects using Artificial Intelligence and Fuzzy Logic**  
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84. **A Hybrid Evaluation Framework For IT Outsourcing Supplier Selection**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., KAHRAMAN C.  
5th International Symposium on Intelligent Manufacturing Systems, Sakarya, Turkey, 29 - 31 May 2006, pp.967-977
85. **Selecting the Appropriate Waste Water Treatment System with a Multi-Stage Fuzzy Decision Making Approach**  
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11th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU 2006), Paris, France, 2 - 07 July 2006
86. **Effective Software Process Management in Quality Function Deployment by a Fuzzy Logic based Group Decision Making Approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., RUAN D., FEYZİOĞLU O.  
International Conference on Intelligent Systems Knowledge Engineering (ISKE 2006), Shanghai, China, 6 - 07 April 2006
87. **An Application of Multi Criteria Decision Making Approaches for the Waste Water Treatment System Selection Problem**  
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35th International Conference on Computers and Industrial Engineering (CIE), İstanbul, Turkey, 19 - 22 June 2005,

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88. **A Fuzzy Evolutionary Approach to the Hybrid Organization of Workshops into Functional Departments and Manufacturing Cells**  
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90. **Une Nouvelle Approche de Dimensionnement des Systèmes de Production Basée sur le Cahier des Charges**  
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91. **Measuring the Performance of an E-Commerce Company**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
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92. **Determining the Number of Resources for Manufacturing Cells: a Simulation-Optimization based Approach**  
FEYZİOĞLU O., PIERREVAL H.  
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10th International Fuzzy Systems Association World Congress (IFSA'xx2003), İstanbul, Turkey, 30 June - 02 July 2003, pp.131-134
94. **Designing Component Test Plans for Phased-Mission Systems**  
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95. **Hızlı Ürün Geliştirme Yönetimi**  
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96. **A Global Optimization Method for Solving Fuzzy Relation Equations**  
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97. **Çok Aşamalı Görevler Yüklenen Tamir Edilebilir Dizgeler için En Düşük Maliyetli Bileşen Denemelerinin Tasarlanması**  
FEYZİOĞLU O., ALTINEL İ. K., ÖZEKİCİ S.  
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98. **An Application of Fuzzy Quality Function Deployment for Software Development**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
2nd International Conference on Responsive Manufacturing, Gaziantep, Turkey, 26 - 28 June 2002
99. **A Decision Making Approach for the New Product Development Process under Uncertainty**  
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100. **An Application of Responsive Manufacturing Control**  
ÖNCAN T., FEYZİOĞLU O.

2nd International Conference on Responsive Manufacturing, 26 - 28 June 2002, pp.812-817

101. **Managing Uncertainty in New Product Development**

BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.

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102. **Devingen Ortamlarda Çalışan Seri Bağlı Koşut Alt Dizgeler için Bileşen Testleri**

FEYZİOĞLU O., ALTINEL İ. K., ÖZEKİCİ S.

Yöneylem Araştırması ve Endüstri Mühendisliği 21. Ulusal Kongresi, Gazimagusa, Cyprus (Kkct), 12 - 14 June 2000

103. **Markoviyen bir Ortamda Çalışan Seri Dizgeler için Eniyi Bileşen Testlerinin Belirlenmesi**

FEYZİOĞLU O., ALTINEL İ. K., ÖZEKİCİ S.

Yöneylem Araştırması ve Endüstri Mühendisliği 18. Ulusal Kongresi, Ankara, Turkey, 25 - 26 June 1998

## Academic and Administrative Experience

2023 - Continues	<b>University Executive Board Member</b>	Galatasaray University, Rektörlük
2021 - Continues	<b>Manager of Research and Application Center</b>	Galatasaray University, Rektörlük, Technology Transfer Center
2020 - Continues	<b>Head of Department</b>	Galatasaray University, Fen Bilimleri Enstitüsü, Smart Systems Engineering
2017 - Continues	<b>Fakülte Kurulu Üyesi</b>	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği
2020 - 2023	<b>Director of The Institution</b>	Galatasaray University, Fen Bilimleri Enstitüsü
2020 - 2023	<b>Member of the Senate</b>	Galatasaray University, Rektörlük
2019 - 2023	<b>Vice Rector</b>	Galatasaray University, Rektörlük
2019 - 2023	<b>University Executive Board Member</b>	Galatasaray University, Rektörlük
2017 - 2020	<b>Director of The Institution</b>	Galatasaray University, Fen Bilimleri Enstitüsü
2015 - 2019	<b>University Executive Board Member</b>	Galatasaray Üniversitesi, Rektörlük
2015 - 2019	<b>Vice Rector</b>	Galatasaray Üniversitesi, Rektörlük
2016 - 2018	<b>Dean</b>	Galatasaray Üniversitesi, İktisadi ve İdari Bilimler Fakültesi
2014 - 2017	<b>Director of The Institution</b>	Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü
2016 - 2016	<b>Dean</b>	Galatasaray Üniversitesi, Fen-Edebiyat Fakültesi
2016 - 2016	<b>Dean</b>	Galatasaray Üniversitesi, İletişim Fakültesi
2010 - 2015	<b>Head of Department</b>	Galatasaray Üniversitesi, Rektörlük

## Courses

NONLINEAR OPTIMIZATION, Doctorate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

LOGISTICS AND SUPPLY CHAIN MANAGEMENT, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

INTRODUCTION TO INFORMATION TECHNOLOGIES, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

MANAGEMENT INFORMATION SYSTEMS, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

COMPUTER INTEGRATED MANUFACTURING SYSTEMS, Undergraduate, 2023 - 2024, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

FUNDAMENTALS OF SUPPLY CHAIN MANAGEMENT, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

OPERATIONS RESEARCH, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

PRODUCTION MANAGEMENT, Postgraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

## Advising Theses

Feyzioğlu O., Circular Supply Chains: An IOT Application for Rotten Product Detection in Aggregate Food Industry, Postgraduate, C.ERGELDİ(Student), 2023

Feyzioğlu O., Strategic analysis of digital transformation in aviation industry and proposition of a new digital service quality model, Doctorate, C.ALPAZ(Student), 2022

Feyzioğlu O., New optimization models for the hub covering location problem, Doctorate, N.ŞENER(Student), 2020

Feyzioğlu O., Hub covering flow problem with hub utilization, Postgraduate, M.ÖZGE(Student), 2020

Feyzioğlu O., Design and assessment of transportation systems with the sustainability perspective, Doctorate, O.İLKER(Student), 2015

FEYZİOĞLU O., Risk-averse appointment scheduling for healthcare institutions, Postgraduate, N.ŞENER(Student), 2014

FEYZİOĞLU O., A risk-averse approach for setting transit line frequencies, Postgraduate, İ.ÜLKÜ(Student), 2014

FEYZİOĞLU O., Sustainable stochastic traffic assignment with multiple objectives and user classes, Postgraduate, Ç.DOĞRU(Student), 2012

FEYZİOĞLU O., A sustainable transit network frequency setting approach and its application in Istanbul bus network, Postgraduate, B.BURAN(Student), 2012

FEYZİOĞLU O., Component substitution in mass customization environment, Doctorate, U.BAHÇECİ(Student), 2012

Feyzioğlu O., Multi-objective rapid transit network design, Postgraduate, E.GÜNDOĞDU(Student), 2010

FEYZİOĞLU O., A traffic assignment model proposal for sustainable urban transportation, Postgraduate, A.ALKAN(Student), 2010

FEYZİOĞLU O., Design of optimum component test plans while considering multiple objectives, Postgraduate, E.YAMANGİL(Student), 2009

FEYZİOĞLU O., Supplier evaluation in electronic procurement, Postgraduate, B.BARAN(Student), 2009

FEYZİOĞLU O., La qualité de service du commerce mobile, Postgraduate, S.MORLEVI(Student), 2008

FEYZİOĞLU O., An approach to the hybrid organization of the shop layout, Postgraduate, E.ZENGİN(Student), 2007

## Memberships / Tasks in Scientific Organizations

Association for Supply Chain Management (ASCM), Member, 2010 - Continues, United States Of America

Operational Research Society of Turkey (ORST), Principal Member, 2003 - Continues, Turkey

## Metrics

Publication: 143

Citation (WoS): 1115

Citation (Scopus): 1702

H-Index (WoS): 16

H-Index (Scopus): 19

## Research Areas

Optimization Theory and Methods, Multiobjective Optimization, Nonlinear Programming, Linear Programming, Global Optimization, Heuristic Methods, Integer and Mixed Integer Programming, Multi Criteria Decision Making, Decision Support Systems, Supply Chain and Logistics Management

## Non Academic Experience

The Laboratory of Computing, Modelling and Optimization of the Systems (LIMOS) UMR CNRS 6158 - France