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ALBAYRAK



### Personal Information

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### Education Information

Doctorate, Y.T.Ü, Kimya-Metalurji,  
Matematik Mühendisliği, Turkey 1993  
- 1997

Postgraduate, Y.T.Ü, Kimya-Metalurji,  
Matematik Mühendisliği, Turkey 1990  
- 1993

Undergraduate, Y.T.Ü, Kimya-  
Metalurji, Matematik Mühendisliği,  
Turkey 1986 - 1990

### Foreign Languages

English, C1 Advanced

### Research Areas

Mathematics, Optimization, Natural Sciences

### Academic Titles / Tasks

Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 2019 - Continues

### Courses

#### Undergraduate

KOMPLEKS ANALİZ, Undergraduate, 2018 - 2019

PROJE PLAN VE YÖNETİMİ, Undergraduate, 2016 - 2017

BULANIK MANTIK, Undergraduate, 2017 - 2018

ANALİZ 1, Undergraduate, 2017 - 2018

ANALİZ 2, Undergraduate, 2016 - 2017

## Supervised Theses

- Albayrak F. İ., Sistem optimal bulanık trafik atama probleminin optimizasyonu, Doctorate, G.TEMELCAN(Student), 2020
- Albayrak F. İ., BULANIK MANTIK YAKLAŞIMI İLE İNSAN KAYNAKLARI YÖNETİMİ, Postgraduate, J.KONAÇOĞLU(Student), 2017
- Albayrak F. İ., HİLBERT UZAYLARI ÜZERİNDE KENDİNE EŞ OPERATÖRLERİN SPEKTRAL ÖZELLİKLERİ, Postgraduate, T.DUYGUN(Student), 2013
- Albayrak F. İ., INTEREST RATE RISK MANAGEMENT OF COMMERCIAL BANKS: EVIDENCE FROM TURKEY, Postgraduate, B.ÇETECİ(Student), 2011
- Albayrak F. İ., HİLBERT UZAYLARINDA KOMPAKT OPERATÖRLERİN SPEKTRAL TEORİSİ, Postgraduate, A.KAYRAK(Student), 2011
- Albayrak F. İ., KONTROL EDİLEBİLİR RİSK, Postgraduate, B.HANLIOĞLU(Student), 2011
- Albayrak F. İ., BİREYSEL EMEKLİLİK SİSTEMİ VE EMEKLİLİK YATIRIM FONLARINDA PERFORMANSA BAĞLI RİSK ANALİZİ, Postgraduate, H.ŞİMŞEK(Student), 2010

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

- I. **Unravelling poly(1-vinyl-1,2,4-triazole) hydrogels behaviors and enhancing 5-Fluorouracil delivery systems by utilizing a fuzzy modelling approach**  
Pekel Bayramgil N., Insel M. A., Gonce Kocken H., Albayrak I., Karakuş S.  
Physica Scripta, vol.99, no.8, 2024 (SCI-Expanded)
- II. **On Modeling of Surface Tension of CMC- $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> Nanoparticles by Fuzzy-Hybrid Approach: A Comparison Study**  
Köçken H., Insel M. A., Temelcan G., Karakuş S., Albayrak F. İ.  
CANADIAN JOURNAL OF CHEMICAL ENGINEERING, vol.101, no.11, pp.6446-6454, 2023 (SCI-Expanded)
- III. **Handling uncertainty in rheological properties of green eggshell nanocomposites by a fuzzy-hybrid modeling approach: a comparative study**  
İnsel M. A., Karakuş S., Temelcan G., Köçken H., Albayrak F. İ.  
Physica Scripta, vol.98, no.3, 2023 (SCI-Expanded)
- IV. **Preparation, characterization and evaluation of a novel CMC/Chitosan- $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> nanoparticles-coated 17-4 PH stainless-steel foam**  
Karakuş S., Albayrak I., Ülgen N. B., Insel M. A., Kilislioglu A.  
Polymer Bulletin, vol.79, no.6, pp.4133-4151, 2022 (SCI-Expanded)
- V. **Characterization, optimization, and evaluation of preservative efficacy of carboxymethyl cellulose/hydromagnesite stromatolite bio-nanocomposite**  
Karakuş S., Insel M. A., Kahyaoğlu İ. M., Albayrak F. İ., Üstün Alkan F.  
Cellulose, vol.29, no.7, pp.3871-3887, 2022 (SCI-Expanded)
- VI. **Finding compromise solutions for fully fuzzy multi-objective linear programming problems by using game theory approach**  
Temelcan G., Gonce Kocken H., Albayrak I.  
Journal of Intelligent and Fuzzy Systems, vol.42, no.1, pp.283-293, 2022 (SCI-Expanded)
- VII. **Fuzzy modelling of static system optimum traffic assignment problem having multi origin-destination pair**  
Temelcan G., KÖÇKEN H., Albayrak I.  
Socio-Economic Planning Sciences, vol.77, 2021 (SCI-Expanded)
- VIII. **Preparation and characterization of carboxymethyl cellulose/poly (ethylene glycol) -rosin pentaerythritolester polymeric nanoparticles: Role of intrinsic viscosity and surface morphology**  
Karakuş S., İlgar M., Tan E., Kahyaoglu I. M., Tasaltin N., Albayrak I., Insel M. A., Kilislioglu A.  
Surfaces and Interfaces, vol.21, 2020 (SCI-Expanded)
- IX. **SYSTEM OPTIMUM FUZZY TRAFFIC ASSIGNMENT PROBLEM**  
Temelcan G., Kocken H., Albayrak I.  
PROMET-TRAFFIC & TRANSPORTATION, vol.31, no.6, pp.611-620, 2019 (SCI-Expanded)
- X. **On fuzzy solutions of the nonsquare fully fuzzy linear equation system with arbitrary triangular fuzzy numbers**  
Albayrak I.

- JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.33, no.6, pp.3929-3938, 2017 (SCI-Expanded)
- XI. **Finding the fuzzy solutions of a general fully fuzzy linear equation system**  
Kocken H., AHLATCIOĞLU M., ALBAYRAK F. İ.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.30, no.2, pp.921-933, 2016 (SCI-Expanded)
- XII. **An approach for finding fuzzy optimal and approximate fuzzy optimal solution of fully fuzzy linear programming problems with mixed constraints**  
Özkök B., Albayrak F. İ., Köçken H., Ahlatcioğlu M.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.31, pp.623-632, 2016 (SCI-Expanded)
- XIII. **A mixed integer programming approach to a square fully fuzzy linear equation**  
AHLATCIOĞLU M., Albayrak I., Kocken H. G., Ozkok B.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.31, no.3, pp.2009-2015, 2016 (SCI-Expanded)
- XIV. **On the degree of approximation of functions belonging to a Lipschitz class by Hausdorff means of its fourier series**  
Rhoades B. E., Ozkoklu K., Albayrak I.  
APPLIED MATHEMATICS AND COMPUTATION, vol.217, no.16, pp.6868-6871, 2011 (SCI-Expanded)
- XV. **A regularized trace formula for second order differential operator equations**  
KÖKLÜ K., ALBAYRAK F. İ., BAYRAMOV A.  
Math. Scandinavica, vol.1, pp.123-138, 2010 (SCI-Expanded)
- XVI. **A REGULARIZED TRACE FORMULA FOR DIFFERENTIAL EQUATIONS WITH TRACE CLASS OPERATOR COEFFICIENTS**  
ALBAYRAK F. İ., KÖKLÜ K., BAYRAMOV A.  
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.40, no.4, pp.1095-1110, 2010 (SCI-Expanded)
- XVII. **The question of equivalence for generalized Hausdorff matrices**  
ALBAYRAK F. İ., Rhoades B. E.  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.328, no.1, pp.414-428, 2007 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Predicting survival of patients with heart failure by optimizing the hyperparameters**  
İNSEL M. A., SADE J., MUŞTU S., KÖÇKEN H., ALBAYRAK F. İ.  
INTERNATIONAL JOURNAL OF KNOWLEDGE-BASED AND INTELLIGENT ENGINEERING SYSTEMS, 2024 (ESCI)
- II. **Solving Multi-Objective Linear Fractional Programming Problems via Zero-Sum Game**  
TEMELCAN G., ALBAYRAK F. İ., SİVRİ M.  
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.17, no.2, pp.508-522, 2022 (Peer-Reviewed Journal)
- III. **A Game Theory-based Approach to Fuzzy Linear Transportation Problem**  
TEMELCAN G., KÖÇKEN H., ALBAYRAK F. İ.  
Fuzzy Logic and Modeling in Engineering, vol.1, no.2, pp.28-33, 2022 (Peer-Reviewed Journal)
- IV. **A Solution Approach for a Class of Parametric Linear Programming Problems**  
SİVRİ M., ALBAYRAK F. İ., ŞİMŞEK ALAN K., TEMELCAN G.  
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, pp.2901-2906, 2020 (Peer-Reviewed Journal)
- V. **A new iterative linearization approach for solving nonlinear equations systems**  
Temelcan G., Albayrak F. İ., Sivri M.  
An International Journal of Optimization and Control: Theories Applications (IJOCTA), vol.10, no.1, pp.47-54, 2020 (Scopus)
- VI. **An Alternative Algorithm for Solving Pure Integer Linear Programming Problems Having Two Variables**  
Şimşek Alan K., Sivri M., Albayrak F. İ., Güler C.  
International Journal of Applied Information Systems, pp.6-9, 2019 (Peer-Reviewed Journal)
- VII. **A New Successive Linearization Approach for Solving Nonlinear Programming Problems**  
ALBAYRAK F. İ., SİVRİ M., TEMELCAN G.  
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.14, no.1, pp.437-451, 2019 (Peer-Reviewed Journal)
- VIII. **GENERATING A SET OF COMPROMISE SOLUTIONS OF A MULTI-OBJECTIVE LINEAR PROGRAMMING**

## **PROBLEM THROUGH GAME THEORY**

SİVRİ M., KÖÇKEN H., Albayrak I., AKIN BAŞ S.

OPERATIONS RESEARCH AND DECISIONS, vol.29, no.2, pp.77-88, 2019 (ESCI)

- IX. **A Novel Solution Approach using Linearization Technique for Nonlinear Programming Problems**  
SİVRİ M., ALBAYRAK F. İ., TEMELCAN G.  
International Journal of Computer Applications, vol.181, pp.1-5, 2018 (Peer-Reviewed Journal)
- X. **A Solution Algorithm for Interval Transportation Problems via Time-Cost Tradeoff**  
Albayrak F. İ., Temelcan G., Sivri M.  
JOURNAL OF ADVANCES IN MATHEMATICS, vol.14, no.2, pp.7691-7701, 2018 (Peer-Reviewed Journal)
- XI. **A new iterative approach for solving nonlinear programming problem**  
Sivri M., Albayrak F. I., Temelcan G.  
New Trends in Mathematical Science, vol.2, pp.68-77, 2018 (Peer-Reviewed Journal)
- XII. **A new fuzzy decision making approach for personnel selection problem**  
Konaçoğlu J., Albayrak I.  
INTELLIGENT DECISION TECHNOLOGIES-NETHERLANDS, vol.12, pp.471-482, 2018 (Peer-Reviewed Journal)
- XIII. **A Novel Approach for Solving Quadratic Fractional Programming Problems**  
SİVRİ M., Albayrak I., Temelcan G.  
CROATIAN OPERATIONAL RESEARCH REVIEW, vol.9, no.2, pp.199-209, 2018 (ESCI)
- XIV. **On the eigenvalues of second order differential equation which has lag argument with spectral parameter in boundary conditions in half axis**  
ALBAYRAK F. İ., Akgun F.  
International Mathematical Journal, vol.6, no.2, pp.51-58, 2005 (Peer-Reviewed Journal)
- XV. **CALCULATED OF REGULARIZED TRACE OF A EVEN ORDER DIFFERENTIAL EQUATION IN FINITE INTERVAL**  
ALBAYRAK F. İ., Akgun F.  
Sigma Journal of Engineering and Natural Sciences, no.4, pp.272-278, 2004 (ESCI)
- XVI. **On the green functions concerned with one partial differential operator expression**  
ALBAYRAK F. İ., Bayramoğlu M.  
Mathematics, International Ecoenergy Academy, vol.2, pp.14-18, 2004 (Peer-Reviewed Journal)
- XVII. **Formula for the highly regularized trace of Sturm Liouville operator with unbounded operator coefficients which has singularity**  
Albayrak F. İ., Baykal Ünal O., Gül E.  
Turkish Journal Of Mathematics, vol.25, pp.307-322, 2001 (Scopus)
- XVIII. **The second regularized trace formula for the sturm liouville problem with spectral parameter in a boundary condition**  
ALBAYRAK F. İ., Bayramoğlu M., Adıgüzelov E.  
Methods of functional analysis and topology, vol.6, no.3, pp.1-8, 2000 (ESCI)
- XIX. **Yarı ekseninde verilmiş dördüncü mertebeden operatör katsayılı diferansiyel denklemin green fonksiyonunun bulunması**  
ALBAYRAK F. İ., Bayramoğlu M.  
Yıldız Teknik Üniversitesi Dergisi-(SİGMA OLARAK DEVAM EDİYOR), no.2, pp.61-72, 1999 (Peer-Reviewed Journal)

## **Books**

- I. **Data-driven AI for information retrieval of biomedical images**  
İnsel M. A., Köçken H., Albayrak F. İ., Karakuş S.  
in: Digital Transformation in Healthcare 5.0, Prasenjit Chatterjee, Dilbagh Panchal, Dragan Pamucar, Sharfaraz Ashemkhani Zolfani, Editor, Walter de Gruyter, Inc., Berlin, pp.307-331, 2024
- II. **The Ultrasonic-Assisted Synthesis of Locust Gum/PEG- Silver Nanoparticles and Its Mathematical Modeling of Rheological Parameters**  
Karakuş S., Insel M. A., Albayrak F. İ., Taşaltın N.  
in: Foundation and Growth of Macromolecular Science: Advances in Research for Sustainable Development, Meegle S. Mathew, Jozef T. Haponiuk, Sabu Thomas, Editor, CRC, New York, New York, pp.1, 2023
- III. **A Numerical Method for Integration of a Fuzzy Function over a Fuzzy Interval**

TEMELCAN G., KÖÇKEN H., ALBAYRAK F. İ.

in: Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation. INFUS 2021 Lecture Notes in Networks and Systems, Kahraman, C., Cebi, S., Cevik Onar, S., Oztaysi, B., Tolga, A.C., Sari, I.U., Editor, Springer, Cham., pp.281-288, 2022

**IV. SOLVING THE SYSTEM OPTIMUM STATIC TRAFFIC ASSIGNMENT PROBLEM WITH SINGLE ORIGIN DESTINATION PAIR IN FUZZY ENVIRONMENT**

ALBAYRAK F. İ., KÖÇKEN H., TEMELCAN G.

in: ADVANCES IN INTELLIGENT SYSTEM AND COMPUTING, Janusz Kacprzyk, Editor, SPRINGER, pp.521-530, 2021

**V. A Short Review on Fuzzy System of Linear Equations Applications**

Köçken H., Albayrak F. İ.

in: Handbook of Research on Transdisciplinary Knowledge Generation, Victor X. Wang, Editor, IGI Global Disseminator of Knowledge, Pennsylvania, pp.75-87, 2019

**VI. A Short Review on Fuzzy System of Linear Equations**

Köçken H., Albayrak F. İ.

in: Encyclopedia of Information Science and Technology, Third Edition, Mehdi Khosrow-Pour D.B.A., Editor, IGI Global, Pennsylvania, pp.6981-6989, 2015

## **Papers Published in Refereed Scientific Meetings**

**I. A Numerical Method for Integration of a Fuzzy Function over a Fuzzy Interval**

Temelcan G., Kocken H., Albayrak I.

International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.307, pp.281-288

**II. Solving the System Optimum Static Traffic Assignment Problem with Single Origin Destination Pair in Fuzzy Environment**

Temelcan G., Köçken H., Albayrak F. İ.

International Conference on Intelligent Decision Science, İstanbul, Turkey, 7 - 08 August 2021, pp.521-530

**III. Solving Fuzzy Multi-objective Linear Programming Problems Using Multi-player Zero-Sum Game**

Temelcan G., Albayrak I., Köçken H., Sivri M.

International Conference on Intelligent and Fuzzy Systems, INFUS 2020, İstanbul, Turkey, 21 - 23 July 2020, vol.1197 AISC, pp.1483-1490

**IV. Optimization of Surface Properties of K-Carrageenan/PVA/Eggshell Nanobiocomposites Coated 17-4 PH Stainless Steel Foam**

Karakuş S., Beköz Üllen N., Albayrak F. İ., Insel M. A., Kilislioğlu A.

3rd International Conference on Physical Chemistry & Functional Materials, Malatya, Turkey, 22 - 24 September 2020, pp.25-32

**V. Mathematical Modelling of Surface Behaviors of ZnO Nanoparticles Coated 17-4 PH Stainless Steel Foam**

Karakuş S., Albayrak F. İ., Beköz Üllen N., Insel M. A., Kilislioğlu A.

3rd International Conference on Physical Chemistry & Functional Materials, Malatya, Turkey, 22 - 24 September 2020, pp.33-39

**VI. Comparison of Nontraditional Optimization Techniques in Optimization of Shell and Tube Heat Exchanger**

İnsel M. A., Albayrak F. İ., Köçken H.

International Conference on Mathematics and its Applications in Science and Engineering (ICMASE2020), Ankara, Turkey, 9 - 10 July 2020, pp.185-196

**VII. Fuzzy Modelling on Control of Heat Exchangers**

İnsel M. A., Albayrak F. İ., Köçken H.

International Conference on Mathematics and its Applications in Science and Engineering (ICMASE2020), Ankara, Turkey, 9 - 10 July 2020, pp.177-184

**VIII. An Algorithm for Solving Pure Integer Linear Programming Problems**

SİVRİ M., ALBAYRAK F. İ., GONCE KOCKEN H., ŞİMŞEK ALAN K.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2019, 10 March - 13 October 2019

**IX. GENERATING A SET OF COMPROMISE SOLUTIONS OF A MULTI-OBJECTIVE LINEAR PROGRAMMING**

## **PROBLEM USING GAME THEORY**

Sivri M., Gonca Köçken H., Albayrak F. İ., Esen H.  
(ICMSA2018), Karaman, Turkey, 04 October 2018, pp.111

- X. **A new method for generating some extreme points of a convex polyhedron for solving multi-objective linear programming problems using game theory approach**  
Sivri M., Köçken H., Albayrak F. İ., Temelcan G., Esen H.  
International Conference on Mathematical Studies and Applications, Konya, Turkey, 4 - 07 October 2018, pp.112
- XI. **A game theory based approach to generate a set of compromise solutions of a multiobjective linear programming problem**  
SİVRİ M., KÖÇKEN H., ALBAYRAK F. İ., AKIN S.  
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 June 2018, pp.13
- XII. **User-Optimum Fuzzy Traffic Assignment Problem**  
ALBAYRAK F. İ., TEMELCAN G., GONCA KÖÇKEN H.  
,13th Balkan Conference on Operational Research (BALCOR'18) ,Belgrade, Serbia,, Belgrade, Serbia And Montenegro, 25 May 2018, pp.57
- XIII. **User-Optimum Fuzzy Traffic Assignment Problem**  
Temelcan G., Albayrak F. İ., Köçken H.  
13th Balkan Conference on Operational Research (BALCOR'18), Belgrade, Serbia And Montenegro, 25 - 28 May 2018, pp.57
- XIV. **A Solution Procedure for Interval Transportation Problems via Time-Cost Trade off**  
Temelcan G., ALBAYRAK F. İ., SİVRİ M.  
User-Optimum Fuzzy Traffic Assignment Problem??,13th Balkan Conference on Operational Research (BALCOR'18) ,Belgrade, Serbia,p:57May 25-28, 2018., Belgrade, Serbia And Montenegro, 25 May 2018, pp.32
- XV. **FUZZY ANALYSIS OF A TRAFFIC ASSIGNMENT PROBLEM**  
TEMELCAN G., KÖÇKEN H., ALBAYRAK F. İ.  
37.YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Turkey, 5 - 07 July 2017
- XVI. **Fuzzy Analysis of a traffic assignment problem**  
TEMELCAN G., KÖÇKEN H., ALBAYRAK F. İ.  
37. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Turkey, 5 - 07 July 2017
- XVII. **A New Incremental Technique for solving Nonlinear programming Problems**  
SİVRİ M., ALBAYRAK F. İ., TEMELCAN G.  
International Conference on Applied Analysis and Mathematical Modeling, 7 March - 07 July 2017
- XVIII. **A Fuzzy Mathematical Model for personnel selection problem**  
KONAÇOĞLU J., ALBAYRAK F. İ.  
ICPAS 2017, 2 - 06 February 2017
- XIX. **A new iterative approach for solving nonlinear programming problems**  
ALBAYRAK F. İ., SİVRİ M., TEMELCAN G.  
ICPASS 2017, 2 - 06 February 2017
- XX. **FUZZY EQUILIBRIUM ANALYSIS OF A TRANSPORTATION NETWORK PROBLEM**  
TEMELCAN G., KÖÇKEN H., ALBAYRAK F. İ.  
IFSCOM, Mersin, Turkey, 29 August - 01 September 2016
- XXI. **On fuzzy solutions of the nonsquare fully fuzzy linear equation system with arbitrary triangular fuzzy numbers**  
ALBAYRAK F. İ.  
2 nd International conference on pure and Applied Science, Istanbul, İstanbul, Turkey, 1 - 05 June 2016
- XXII. **On the Solution of a nxn Fully Fuzzy Linear Equation System with Triangular Fuzzy Numbers**  
Ahlatcıoğlu M., Albayrak F. İ., Köçken H., Özkök B.  
ICWOMA (International Conference and Workshop On Mathematical Analysis), Kuala-Lumpur, Malaysia, 27 - 30 May 2014, pp.36
- XXIII. **A trace Formula for an abstract Sturm-Liouville operator**  
Albayrak I., KÖKLÜ K., Bayramov A.  
14th International Conference on Difference Equations and Applications "Abstract Book of ICDEA 2008, İstanbul, Turkey, 01 July 2008, pp.58

- XXIV. **On regularized trace of a differential equation with spectral parameter in boundary condition**  
ALBAYRAK F. İ., Bayramođlu M.  
International workshop on analysis and its applications, 01 September 2004
- XXV. **On Green function of fourth ordered differential equation with operator coefficient**  
ALBAYRAK F. İ., Akgun F.  
International Conference on non-linear operators, Differential Equations and Applications, 01 August 2004
- XXVI. **Asympyoyic expression of eigenvalues number of even order equation with operator coefficient, given in real axis**  
ALBAYRAK F. İ., AKGUN F.  
XV. ULUSAL MATEMATİK SEMPOZYUMU, 01 September 2002
- XXVII. **Spectral Parametrede Ađırlık Fonksiyonu Olan Sturm-Liouville Operatör Denkleminin Küçük Parametreye Göre Negatif Özdeđerler Sayısının Asimptotik İfadesi**  
ALBAYRAK F. İ., Albayrak İ.  
Second International Symposium on Mathematical and Computational Applications, 01 September 1999
- XXVIII. **Çift mertebeden iki terimli diferansiyel operatör denklemin esaslı kendine eşleniđi**  
ALBAYRAK F. İ.  
1 st Turkish World Mathematics Symposium, 01 June 1999
- XXIX. **ÇİFT MERTEBEDEN İKİ TERİMLİ KENDİNE EŞ OPERATÖR KATSAYILI DİFERANSİYEL OPERATÖRÜN REZOLVENTİ ÜZERİNE**  
ALBAYRAK F. İ., BAYRAMOĐLU M.  
XI. ULUSAL MATEMATİK SEMPOZYUMU, 01 September 1998
- XXX. **YARI EKSENDE VERİLMİŞ DÖRDÜNCÜ MERTEBEDEN DİFERANSİYEL OPERATÖR DENKLEMİN GREEN FONKSİYONUNUN BULUNMASI**  
ALBAYRAK F. İ., BAYRAMOĐLU M.  
XI. DİFERANSİYEL DENKLEMLER SEMPOZYUMU, 01 September 1997

## Supported Projects

KÖÇKEN H., ALBAYRAK F. İ., TEMELCAN G., Sade J., Project Supported by Higher Education Institutions, Bulanık Kompleks Lineer Denklem Sistemlerine Çözüm Önerisi Geliştirilmesi, 2023 - 2023

## Peer Reviews in Scientific Publications

SOFT COMPUTING, SCI Journal, August 2019

promet, SCI Journal, January 2018

soft computing, SCI Journal, December 2017

SOFT COMPUTING, SCI Journal, September 2017

SOFT COMPUTING, SCI Journal, June 2017

SOFT COMPUTING, SCI Journal, May 2017

SOFT COMPUTING, SCI Journal, April 2017

SOFT COMPUTING, SCI Journal, February 2016

SOFT COMPUTING, SCI Journal, May 2015

## Scientific Research / Working Group Memberships

Multidisciplinary Nanoscience Technology, Yıldız Technical University, Türkiye, <https://avesis.istanbulc.edu.tr/arastirma-grubu/mnst>, 2021 - Continues

## Metrics

Publication: 74

Citation (WoS): 51

Citation (Scopus): 85

H-Index (WoS): 5

H-Index (Scopus): 5

### **Non Academic Experience**

AK YATIRIM T.A.Ş., FON YÖNETİCİSİ