

Dr.Öğr.Üyesi ZAFER BEKİRYAZICI

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAQ-7932-2020

ScopusID: 56191618000

Yoksis Araştırmacı ID: 193125

Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Türkiye 2014 - 2017

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Mühendisliği, Türkiye 2009 - 2012

Lisans, Marmara Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2005 - 2009

Sertifika, Kurs ve Eğitimler

Mesleki Eğitim, Erasmus Staff Teaching Mobility, Università degli Studi del Sannio, 2023

Mesleki Eğitim, Latex ile Döküman Hazırlama Kursu, Amasya Üniversitesi, 2022

Mesleki Eğitim, Erasmus Staff Training Mobility, Technische Universität Darmstadt, 2017

Mesleki Eğitim, Doğa Bilimlerinde Akademik Düzeyde Araştırma Projesi Hazırlama Eğitimi, Karadeniz Teknik Üniversitesi, 2015

Mesleki Eğitim, Erasmus Staff Training Mobility, Lorentz Center, 2014

Yaptığı Tezler

Doktora, Bazı Kompartmanlı Modellerin Rastgele Etkiler Altında İncelenmesi, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2017

Yüksek Lisans, Lineer Operatör Denklemler İçin Temel Çözüm ve Uygulamaları, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Mühendisliği, 2012

Araştırma Alanları

Matematik, Diferansiyel denklemler, İstatistik, Olasılık Kuramı, Stokastik Süreçler, Sayısal Analiz, Temel Bilimler

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Recep Tayyip Erdoğan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2019 - Devam Ediyor
Araştırma Görevlisi Dr., Recep Tayyip Erdoğan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2017 - 2019
Araştırma Görevlisi, Recep Tayyip Erdoğan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2017

Akademik İdari Deneyim

Erasmus Programı Bölüm Koordinatörü, Recep Tayyip Erdoğan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2013 - 2023

Verdiği Dersler

Matematik, Ön Lisans, 2023 - 2024
Diferansiyel Denklemlerin Sayısal Çözüm Yöntemleri, Lisans, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020
Probability and Statistics, Lisans, 2022 - 2023, 2021 - 2022
Diferansiyel Denklemler, Lisans, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020
Sayısal Analiz, Lisans, 2022 - 2023, 2021 - 2022
Stokastik Diferansiyel Denklemler, Yüksek Lisans, 2021 - 2022, 2020 - 2021
Differential Equations, Lisans, 2021 - 2022
Olasılık, Lisans, 2022 - 2023, 2021 - 2022
İleri İstatistik, Yüksek Lisans, 2022 - 2023, 2021 - 2022, 2020 - 2021
Uygulamalı Mühendislik Matematiği, Lisans, 2020 - 2021
Mesleki İngilizce - II, Lisans, 2020 - 2021
İstatistik, Lisans, 2020 - 2021, 2019 - 2020, 2017 - 2018
Diferansiyel Denklemler, Lisans, 2021 - 2022
Diferansiyel Denklemler, Lisans, 2021 - 2022
Matematik-II, Ön Lisans, 2019 - 2020
Diferansiyel Denklemler, Lisans, 2020 - 2021, 2019 - 2020
Mühendislik Matematiği - II, Lisans, 2019 - 2020
Mesleki İngilizce - I, Lisans, 2019 - 2020
Mühendislik Matematiği - I, Lisans, 2019 - 2020

Yönetilen Tezler

Bekiryazıcı Z., Bir COVID-19 yayılımı modelinin stokastik davranışlarının incelenmesi, Yüksek Lisans, A.ÖNEN(Öğrenci), 2023
Bekiryazıcı Z., El, Ayak, Ağız Hastalığı Modelinin Rastgele Koşullarda İncelenmesi, Yüksek Lisans, S.HAŞİMOĞLU(Öğrenci), 2022

Jüri Üyelikleri

Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Recep Tayyip Erdoğan Üniversitesi, Ağustos, 2021
Doktora Yeterlik Sınavı, Doktora Yeterlik Sınavı, Gümüşhane Üniversitesi, Ocak, 2020
Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Gümüşhane Üniversitesi, Ocak, 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Sensitivity analysis and random dynamics for a mathematical model of tuberculosis transmission

BEKİRYAZICI Z.

COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2023 (SCI-Expanded)

- II. **A modification of approximate random characteristics for a model of Zika virus transmission**
Bekiryazici Z., Kesemen T., Merdan M., Khaniyev T.
THERMAL SCIENCE, cilt.26, sa.4A, ss.3067-3077, 2022 (SCI-Expanded)
- III. **Modification of the random differential transformation method and its applications to compartmental models**
Bekiryazici Z., Merdan M., Kesemen T.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, cilt.50, sa.18, ss.4271-4292, 2021 (SCI-Expanded)
- IV. **WONG-ZAKAI METHOD FOR STOCHASTIC DIFFERENTIAL EQUATIONS IN ENGINEERING**
ŞENGÜL S., BEKİRYAZICI Z., Merdan M.
THERMAL SCIENCE, cilt.25, 2021 (SCI-Expanded)
- V. **Modelling of cohesive –sediment depositional areas carried by the Solaklı River to the eastern Black-Sea**
YAZIR D., Ünver İ., KÖSE E., BEKİRYAZICI Z.
Indian Journal of Geo-Marine Sciences, cilt.47, sa.3, ss.721-728, 2018 (SCI-Expanded)
- VI. **Deterministic stability and random behavior of a Hepatitis C model**
Merdan M., Bekiryazici Z., KESEMEN T., Khanlyev T.
PLOS ONE, cilt.12, sa.7, 2017 (SCI-Expanded)
- VII. **Comparison of stochastic and random models for bacterial resistance**
Merdan M., Bekiryazici Z., KESEMEN T., Khaniyev T.
ADVANCES IN DIFFERENCE EQUATIONS, 2017 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Analyzing the Stochastic Dynamics of COVID-19 Waves in Turkey using Real Data and Piecewise Sinusoidal Functions**
Bekiryazıcı Z., Önen A.
International Journal of Dynamics and Control, cilt.0, sa.0, ss.1-12, 2024 (ESCI)
- II. **Wong-Zakai approximation for stochastic models of smoking**
ŞENGÜL S., BEKİRYAZICI Z., Merdan M.
Sigma Journal of Engineering and Natural Sciences, cilt.41, sa.5, ss.958-968, 2023 (ESCI)
- III. **MODELING DISEASE TRANSMISSION DYNAMICS WITH RANDOM DATA AND HEAVY TAILED RANDOM EFFECTS: THE ZIKA CASE**
Bekiryazici Z., Kesemen T., Merdan M., Khaniyev T.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.13, sa.4, ss.1272-1286, 2023 (ESCI)
- IV. **Transmission of Cholera Disease with Laplacian and Triangular Parameters**
Merdan M., BEKİRYAZICI Z., KESEMEN T., Khaniyev T.
IRANIAN JOURNAL OF MATHEMATICAL SCIENCES AND INFORMATICS, cilt.17, sa.2, ss.289-305, 2022 (ESCI)
- V. **Comparison of a random model of Hand-Foot-Mouth Disease model with Gaussian and Laplacian parameters**
BEKİRYAZICI Z., Hasimoglu S.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, cilt.12, sa.1, ss.200-210, 2022 (Hakemli Dergi)
- VI. **GENERALIZED OSCULATING CURVES OF TYPE (n-3) IN THE n-DIMENSIONAL EUCLIDEAN SPACE**
Bektas O., BEKİRYAZICI Z.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, cilt.71, sa.1, ss.212-225, 2022 (ESCI)
- VII. **THE PERFORMANCE OF WONG-ZAKAI APPROXIMATIONS FOR THE INVESTIGATION OF STOCHASTIC DIFFERENTIAL EQUATION MODELS WITH NONLINEAR MULTIPLICATIVE NOISE**
ŞENGÜL S., BEKİRYAZICI Z., Merdan M.

ACTA MATHEMATICA UNIVERSITATIS COMENIANAE, cilt.90, sa.2, ss.231-243, 2021 (ESCI)

- VIII. **Analysis of The Dynamics of The Classical Epidemic Model with Beta Distributed Random Components**
KESEMEN T., MERDAN M., BEKİRYAZICI Z.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.10, sa.3, ss.1956-1965, 2020 (Hakemli Dergi)
- IX. **Investigation of the Behaviour of Volterra Integral Equations with Random Effects**
MERDAN M., ALTAY Ö., BEKİRYAZICI Z.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, cilt.10, sa.1, ss.205-216, 2020 (Hakemli Dergi)
- X. **Investigation of Random and Stochastic Models for CD8 T Cell Immune Response**
Merdan M., BEKİRYAZICI Z., Kesemen T., Anac H.
Journal of Abstract and Computational Mathematics, cilt.4, ss.37-48, 2019 (Hakemli Dergi)
- XI. **Solving of Some Random Partial Differential Equations by Using Differential Transformation Method and Laplace- Padé Method**
MERDAN M., ANAÇ H., BEKİRYAZICI Z., KESEMEN T.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, cilt.9, sa.1, ss.108-118, 2019 (Hakemli Dergi)
- XII. **Analysis of a Random Zeeman Heartbeat Model with Differential Transformation Method**
ORAL P., MERDAN M., BEKİRYAZICI Z.
Cumhuriyet Science Journal, cilt.40, sa.2, ss.285-298, 2019 (Hakemli Dergi)
- XIII. **GLOBAL STABILITY IN A PATHOGEN-SPECIFIC CD8 IMMUNE RESPONSE PREDICTION MODEL**
Anac H., MERDAN M., Bekiryazici Z.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, cilt.10, sa.3, ss.325-342, 2019 (ESCI)
- XIV. **Local Fractional Derivative Operators Method for Solving Nonlinear Gas Dynamic Equation of Fractional Order**
Merdan M., BEKİRYAZICI Z.
International Journal of Pure and Applied Mathematics, cilt.119, ss.501-517, 2018 (Hakemli Dergi)
- XV. **Investigation of Zeeman Models with Time Delays**
Oral P., Merdan M., Bekiryazici Z.
Journal of Advances in Mathematics and Computer Science, cilt.26, sa.6, ss.1-15, 2018 (Hakemli Dergi)
- XVI. **ANALYZING THE DYNAMICS OF EBOLA TRANSMISSION WITH RANDOM EFFECTS**
MERDAN M., Bekiryazici Z., KESEMEN T., Khaniyev T.
COMMUNICATIONS IN MATHEMATICAL BIOLOGY AND NEUROSCIENCE, 2018 (ESCI)
- XVII. **Stochastic and random models of Malaria Disease with vertical transmission**
Bekiryazıcı Z., Kesemen T., Merdan M.
New Trends in Mathematical Sciences, cilt.1, sa.5, ss.269-277, 2017 (Hakemli Dergi)
- XVIII. **Mathematical Modeling of Biochemical Reactions Under Random Effects**
BEKİRYAZICI Z., Merdan M., Kesemen T., Khaniyev T.
Turkish Journal of Mathematics and Computer Science, cilt.5, ss.8-18, 2016 (Hakemli Dergi)
- XIX. **Mathematical Modeling of Dengue Disease under Random Effects**
Bekiryazıcı Z., Merdan M., Kesemen T., Najmuldeen M.
Mathematical Sciences and Applications E-Notes, cilt.4, sa.2, ss.72-84, 2016 (Hakemli Dergi)
- XX. **A psychometric scale for determining university students' attitudes towards the statistics courses they take: Statistical attitude scale (SAS)**
Tunc T., Komitoglu F., Bekiryazıcı Z.
Energy Education Science & Technology, Part B: Social and Educational Studies, cilt.6, ss.15-24, 2014 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **An Investigation of Pest Management Dynamics for Tea Plant in Turkey using Stochastic Models**
Bekiryazıcı Z.

6th International Conference on Research in Applied Mathematics and Computer Science, Marrakush, Fas, 25 - 27 Nisan 2024

II. Analyzing Compartmental Models of Disease Transmission with Fractional Derivatives and Randomized Parameters: An Approach Based on Simulations

Bekiryazıcı Z.

7th International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, İstanbul, Türkiye, 11 - 13 Temmuz 2023, ss.212

III. The Effects of Randomized Initial Values on the Dynamics of Disease Transmission in Fractional-Random Compartmental Models

Bekiryazıcı Z.

7th International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, İstanbul, Türkiye, 11 - 13 Temmuz 2023, ss.489-498

IV. Analysis of COVID-19 Dynamics in Turkey using Sinusoidal Transmission Rates and Stochastic Differential Equations

Bekiryazıcı Z.

2nd International E-Conference on Mathematical and Statistical Science: A Selcuk Meeting, Konya, Türkiye, 5 - 07 Haziran 2023, ss.54

V. Investigation of the Most Appropriate Plant Selections for Parking Areas in Urban Areas with Multi-Criteria Decision-Making Methods

Bekiryazıcı F., Köseoğlu A., Bekiryazıcı Z.

8th International Asian Congress on Contemporary Sciences, Aksaray, Türkiye, 5 - 07 Mayıs 2023, ss.317

VI. Investigation of COVID-19 Dynamics in Turkey with Real Data and Stochastic Simulations

Bekiryazıcı Z.

5th International Conference on Research in Applied Mathematics and Computer Science, Casablanca, Fas, 16 - 18 Mart 2023, ss.307

VII. Investigation of Simulation Based Stochastic and Random Characteristics of the FitzHugh-Nagumo Model

Bekiryazıcı Z.

4th International Conference on Applied Engineering and Natural Sciences, Konya, Türkiye, 10 - 13 Kasım 2022, ss.1260-1265

VIII. Investigation of Fractional Order Genesio-Tesi System Using Laplace Transformation

Bekiryazıcı Z., Şengül S., Merdan M.

8th International IFS and Contemporary Mathematics Conference, Mersin, Türkiye, 16 - 19 Haziran 2022, ss.18-19

IX. Stochastic Dynamics of the Novel Coronavirus Transmission Considering Asymptomatic Cases

Bekiryazıcı Z., Önen A.

8th International IFS and Contemporary Mathematics Conference, Mersin, Türkiye, 16 - 19 Haziran 2022, ss.20-21

X. Gender Based Transmission Dynamics of Zika Virus with Random Effects

Bekiryazıcı Z., Kesemen T., Merdan M., Khaniyev T.

International Online Conferences on Engineering and Natural Sciences, Gümüşhane, Türkiye, 5 - 07 Temmuz 2021, ss.212

XI. Comparison of HFMD Transmission Dynamics under Gaussian and Laplacian Random Effects

Bekiryazıcı Z., Haşımoğlu S.

International Online Conferences on Engineering and Natural Sciences, Gümüşhane, Türkiye, 5 - 07 Temmuz 2021, ss.211

XII. A new type of osculating curve in E_n

Bektaş Ö., Bekiryazıcı Z.

18. Uluslararası Geometri Sempozyumu, Malatya, Türkiye, 12 - 13 Temmuz 2021, ss.81

XIII. Investigation of Random Zika Virus Transmission with Modified Random Differential Transformation Method

Bekiryazıcı Z., Kesemen T., Merdan M., Hanalioğlu T.

9th International Eurasian Conference on Mathematical Sciences and Applications, Skopje, Makedonya, 25 - 28

Ağustos 2020, ss.114-115

- XIV. **Modelling Disease Transmission Scenarios Using Field Data and Heavy Tailed Random Effects: The Zika Case**
BEKİRYAZICI Z., Kesemen T., Merdan M., Khaniyev T.
11th International Statistics Congress, Muğla, Türkiye, 4 - 08 Ekim 2019, ss.91
- XV. **Stochastic Investigation of a Crop Pest Management Model with Awareness**
BEKİRYAZICI Z.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Türkiye, 19 - 21 Eylül 2019, ss.374-378
- XVI. **Mathematical Modelling of the Random Spread of Malware under Mutation Using Random Differential Equations**
BEKİRYAZICI Z.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Türkiye, 19 - 21 Eylül 2019, ss.223-229
- XVII. **Global Stability in a Predicting Pathogen-Specific CD8 Cell Immune Responses from a Modelling Approach**
BEKİRYAZICI Z., Anac H., Merdan M.
International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Türkiye, 10 - 13 Mart 2019, ss.221
- XVIII. **Analysis of a Pneumonia Transmission Model with Random Components**
BEKİRYAZICI Z., Kesemen T., Merdan M.
5th International Conference on Recent Advances In Pure And Applied Mathematics, Trabzon, Türkiye, 23 - 27 Temmuz 2018, ss.39-40
- XIX. **An Epidemiological Model with Caputo Fractional Derivative and Normally Distributed Random Components**
Merdan M., BEKİRYAZICI Z.
International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, İstanbul, Türkiye, 3 - 06 Temmuz 2018, ss.413
- XX. **A Fractional Random Model for Influenza Transmission**
Merdan M., BEKİRYAZICI Z.
International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, İstanbul, Türkiye, 3 - 06 Temmuz 2018, ss.412
- XXI. **Investigation of A Model For Polio By Using Random Differential Equations and Parameters with Gaussian Distribution**
BEKİRYAZICI Z., Kesemen T., Merdan M.
International Conference on Mathematics and Mathematics Education, Ordu, Türkiye, 27 - 29 Haziran 2018, ss.785-786
- XXII. **A Comparison of Variation Coefficients of Biochemical Reaction Model for Several Probability Distributions**
Kesemen T., BEKİRYAZICI Z., Khaniyev T., Karaarslan G.
International Conference on Mathematics and Mathematics Education, Ordu, Türkiye, 27 - 29 Haziran 2018, ss.745-746
- XXIII. **Behaviours of Random Effectuated Volterra and Fredholm Integral Equation**
Merdan M., Altay Ö., BEKİRYAZICI Z.
International Conference on Mathematics and Mathematics Education, Ordu, Türkiye, 27 - 29 Haziran 2018, ss.259-260
- XXIV. **Generalized Beta Parameters for a SVEIR-Type Random Model of Polio Transmission**
Bekiryazici Z., Merdan M., Kesemen T.
7th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA), Kyiv, Ukrayna, 28 - 31 Ağustos 2018, cilt.2037
- XXV. **Investigation of the moments for a random model of cholera disease**

Merdan M., Kesemen T., BEKİRYAZICI Z.

International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Türkiye, 3 - 07 Temmuz 2017, ss.253

XXVI. Investigation of Zeeman Models with Time Delays

Oral P., Merdan M., BEKİRYAZICI Z.

II. International Symposium on Multidisciplinary Studies, Roma, İtalya, 18 - 21 Mayıs 2017, ss.101

XXVII. Stochastic Zeeman Heartbeat Models with Two and Three Dimensions

Merdan M., BEKİRYAZICI Z., Oral P.

II. International Symposium on Multidisciplinary Studies, Roma, İtalya, 18 - 21 Mayıs 2017, cilt.1, ss.97-107

XXVIII. Analysis of Random Two and Three Dimensional Zeeman Modeling

Merdan M., Oral P., BEKİRYAZICI Z.

II. International Symposium on Multidisciplinary Studies, Roma, İtalya, 18 - 21 Mayıs 2017, cilt.1, ss.83-96

XXIX. Analysis of Random Zeeman Heartbeat Model by Modified Differential Transformation Method

Oral P., Merdan M., BEKİRYAZICI Z.

International Conference on Mathematics and Mathematics Education, Şanlıurfa, Türkiye, 11 - 13 Mayıs 2017, ss.428-429

XXX. Application of Differential Transformation Method for Solving Some Random Partial Differential Equations

Merdan M., Kesemen T., Anac H., BEKİRYAZICI Z.

International Conference on Mathematics and Mathematics Education, Şanlıurfa, Türkiye, 11 - 13 Mayıs 2017, ss.430-431

XXXI. Analyzing the Moments of the Classical Epidemic Model under Random Effects

Merdan M., BEKİRYAZICI Z., Kesemen T.

International Conference on Mathematics and Engineering, İstanbul, Türkiye, 10 - 12 Mayıs 2017, ss.343

XXXII. Moments of Epidemic Models with Random Initial Data

BEKİRYAZICI Z., Merdan M., Kesemen T.

International Conference on Mathematics and Engineering, İstanbul, Türkiye, 10 - 12 Mayıs 2017, ss.360

XXXIII. Analysing the Early-Stage Dynamics of a Model for Ebola Virus Under Random Effects

Merdan M., BEKİRYAZICI Z., Kesemen T.

International Workshop on Mathematical Methods in Engineering, Ankara, Türkiye, 27 - 29 Nisan 2017, ss.51

XXXIV. Analyzing Mathematical Models of Various Diseases under Random Conditions

BEKİRYAZICI Z.

Probability in mathematics and physics, Darmstadt, Almanya, 27 - 31 Mart 2017, ss.14

XXXV. Stochastic Modeling of Immune-Mediated Disorder in Inflammatory Bowel Disease

Merdan M., BEKİRYAZICI Z., Kesemen T., Khaniyev T.

1st International Mediterranean Science and Engineering Congress, Adana, Türkiye, 26 - 28 Ekim 2016, ss.3092

XXXVI. Some Statistical Characteristics of the Biochemical Reaction Model under Triangular Random Effects

BEKİRYAZICI Z., Kesemen T., Merdan M., BEKTAŞ KAMIŞLIK A.

Xth International Statistics Days Conference, Giresun, Türkiye, 7 - 09 Ekim 2016, ss.354-360

XXXVII. Stochastic and Random Behavior Model for Immune System Response and Bacterial Resistance with Antibiotic Therapy

BEKİRYAZICI Z., Merdan M., Khaniyev T., Kesemen T.

5th International Eurasian Conference on Mathematical Sciences and Applications, Belgrad, Sırbistan Ve Karadağ, 16 - 19 Ağustos 2016, ss.128-129

XXXVIII. Modelling of Dengue Disease under Laplacian Random Effects

BEKİRYAZICI Z., Kesemen T., Merdan M., Najmuldeen M.

International Conference on Mathematics and Mathematics Education, Elazığ, Türkiye, 12 - 14 Mayıs 2016, ss.142-143

XXXIX. Random Modelling of Biochemical Reactions under Gaussian Random Effects

BEKİRYAZICI Z., Merdan M., Kesemen T., Khaniyev T.

International Conference on Mathematics and Mathematics Education, Elazığ, Türkiye, 12 - 14 Mayıs 2016, ss.192-

XL. Stochastic and deterministic stability of models for hepatitis C

Merdan M., Bekiryazici Z., Kesemen T.

7th International Conference on Mathematical Analysis, Differential Equations and their Applications, Baku, Azerbaycan, 8 - 13 Eylül 2015, ss.114

Desteklenen Projeler

BEKİRYAZICI Z., KESEMEN T., MERDAN M., HANALIOĞLU T., Yükseköğretim Kurumları Destekli Proje, Zika Virüsü Yayılımının Matematiksel Modelinin Rastgele Koşullarda Analizi, 2019 - 2021

Bilimsel Kuruluşlardaki Üyelikler / Görevler

Society for Industrial and Applied Mathematics, Üye, 2019 - Devam Ediyor , Amerika Birleşik Devletleri
Matematikçiler Derneği, Üye, 2016 - Devam Ediyor , Türkiye

Bilimsel Hakemlikler

MATHEMATICAL AND COMPUTER MODELLING OF DYNAMICAL SYSTEMS, SCI-E Kapsamındaki Dergi, Aralık 2023
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, SCI-E Kapsamındaki Dergi, Ocak 2023
QUALITATIVE THEORY OF DYNAMICAL SYSTEMS, SCI-E Kapsamındaki Dergi, Eylül 2022
INTERNATIONAL JOURNAL OF BIOMATHEMATICS, SCI-E Kapsamındaki Dergi, Mayıs 2022
JOURNAL OF COMPUTATIONAL BIOLOGY, SCI-E Kapsamındaki Dergi, Ekim 2021
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, ESCI Kapsamındaki Dergi, Haziran 2021
International Journal of Nonlinear Analysis and Applications, ESCI Kapsamındaki Dergi, Haziran 2021
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, ESCI Kapsamındaki Dergi, Ekim 2020
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, SCI-E Kapsamındaki Dergi, Ekim 2020
MATHEMATICAL MODELLING OF NATURAL PHENOMENA, SCI-E Kapsamındaki Dergi, Ağustos 2020
ADVANCES IN DIFFERENCE EQUATIONS, SCI-E Kapsamındaki Dergi, Mayıs 2020
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, Diğer İndekslerce Taranan Dergi, Nisan 2020
JOURNAL OF APPLIED PROBABILITY AND STATISTICS, Diğer İndekslerce Taranan Dergi, Nisan 2020
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, ESCI Kapsamındaki Dergi, Nisan 2020
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Diğer İndekslerce Taranan Dergi, Temmuz 2019
INTERNATIONAL JOURNAL OF BIOMATHEMATICS, SCI-E Kapsamındaki Dergi, Ekim 2018
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Diğer İndekslerce Taranan Dergi, Mart 2018
INTERNATIONAL JOURNAL OF BIOMATHEMATICS, SCI-E Kapsamındaki Dergi, Ocak 2018

Metrikler

Yayın: 67

Atıf (WoS): 40

Atıf (Scopus): 38

H-İndeks (WoS): 3

H-İndeks (Scopus): 3

Kongre ve Sempozyum Katılımı Faaliyetleri

6th International Conference on Research in Applied Mathematics and Computer Science, Katılımcı, Marrakush, Fas, 2024

7th International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, Oturum Başkanı, İstanbul, Türkiye, 2023

2nd International E-Conference on Mathematical and Statistical Science: A Selcuk Meeting, Katılımcı, Konya, Türkiye, 2023

5th International Conference on Research in Applied Mathematics and Computer Science, Katılımcı, Casablanca, Fas, 2023

4th International Conference on Applied Engineering and Natural Sciences, Katılımcı, Konya, Türkiye, 2022

8th International IFS and Contemporary Mathematics Conference, Katılımcı, Mersin, Türkiye, 2022

International Online Conferences on Engineering and Natural Sciences, Katılımcı, Gümüşhane, Türkiye, 2021

9th International Eurasian Conference on Mathematical Sciences and Applications, Katılımcı, Skopje, Makedonya, 2020

11th International Statistics Congress, Katılımcı, Muğla, Türkiye, 2019

3rd International Conference on Advanced Engineering Technologies, Katılımcı, Bayburt, Türkiye, 2019

7th International Eurasian Conference on Mathematical Sciences and Applications, Katılımcı, Kyyiv, Ukrayna, 2018

International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, Katılımcı, İstanbul, Türkiye, 2018

International Conference on Mathematics and Mathematics Education, Katılımcı, Ordu, Türkiye, 2018

International Conference on Applied Analysis and Mathematical Modeling, Katılımcı, İstanbul, Türkiye, 2017

International Conference on Mathematics and Engineering, Katılımcı, İstanbul, Türkiye, 2017

International Workshop on Mathematical Methods in Engineering, Katılımcı, Ankara, Türkiye, 2017

Spring School: Probability in Mathematics and Physics, Katılımcı, Darmstadt, Almanya, 2017

10th International Statistics Days Conference, Katılımcı, Giresun, Türkiye, 2016

1st International Mediterranean Science and Engineering Congress, Katılımcı, Adana, Türkiye, 2016

5th International Eurasian Conference on Mathematical Sciences and Applications, Katılımcı, Belgrade, Sırbistan, 2016

International Conference on Mathematics and Mathematics Education, Katılımcı, Elazığ, Türkiye, 2016

7th International Conference of Mathematical Analysis, Differential Equations and their Applications, Katılımcı, Baku, Azerbaycan, 2015

Statistical Inference for Levy Processes, Katılımcı, Leiden, Hollanda, 2014