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Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Turkey 2012 - 2016

Post Graduate, Niğde Üniversitesi, Fen Bilimleri Enstitüsü, Turkey 2002 - 2005

Under Graduate, Ankara Üniversitesi, Fen Fakültesi, Turkey 1997 - 2002

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mathematics, Differential Equations, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Kayseri University, Kayseri Meslek Yüksekokulu, Pazarlama Ve Dış Ticaret Bölümü, 2019 - 2021

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Stability analysis of the hiv model through incommensurate fractional -order nonlinear system**
DAŞBAŞI B.
CHAOS SOLITONS & FRACTALS, vol.137, 2020 (Journal Indexed in SCI)
- II. **Stability Analysis of Mathematical Model including Pathogen-Specific Immune System Response with Fractional-Order Differential Equations**
Dasbasi B.
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, 2018 (Journal Indexed in SCI)
- III. **Mathematical modelling of bacterial resistance to multiple antibiotics and immune system response**
Dasbasi B., ÖZTÜRK İ.
SPRINGERPLUS, vol.5, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A SIMPLE MATHEMATICAL MODEL THROUGH FRACTIONAL-ORDER DIFFERENTIAL EQUATION FOR PATHOGENIC INFECTION**

ÖZTÜRK I., DAŞBAŞI B., Cebe G.

Journal of Scientific Perspectives, vol.3, no.1, pp.29-40, 2019 (Journal Indexed in ESCI)

- II. **Pathogen-Immune System Model with Fractional Multiple-Order**
ÖZTÜRK I., DAŞBAŞI B.
International Journal of Mathematics and Computation, vol.2, no.30, pp.1, 2019 (Refereed Journals of Other Institutions)
- III. **On The Stability Analysis of The General Mathematical Modeling of Bacterial Infection**
DAŞBAŞI B., ÖZTÜRK I.
International Journal Of Engineering & Applied Sciences, vol.10, no.2, pp.93-117, 2018 (International Refereed University Journal)
- IV. **Mathematical Analysis of Lengyel-Epstein Chemical Reaction Model by Fractional-Order Differential Equation's System with Multi-Orders**
Daşbaşı T., Daşbaşı B.
International Journal of Science and Engineering Investigations, vol.6, no.70, pp.78-83, 2017 (Refereed Journals of Other Institutions)
- V. **Mathematical Analysis of Lengyel-Epstein Chemical Reaction Model by Fractional-Order Differential Equation's System with Multi-Orders**
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International Journal of Science and Engineering Investigations, vol.6, no.70, pp.78-83, 2017 (Refereed Journals of Other Institutions)
- VI. **DOĞRUSAL PROGRAMLAMA MİNİMİZASYON PROBLEMİ İÇİN MATEMATİKSEL MODEL VE UYGULAMASI: KİMYASAL GÜBRE ALIMI**
Daşbaşı T., Daşbaşı B.
Journal of International Social Research, vol.10, no.50, pp.675-683, 2017 (International Refereed University Journal)
- VII. **The Fractional-Order mathematical modeling of bacterial resistance against multiple antibiotics in case of local bacterial infection**
DAŞBAŞI B.
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.21, no.3, pp.442-453, 2017 (Refereed Journals of Other Institutions)
- VIII. **DOĞRUSAL PROGRAMLAMA MİNİMİZASYON PROBLEMİ İÇİN MATEMATİKSEL MODEL VE UYGULAMASI: KİMYASAL GÜBRE ALIMI**
DAŞBAŞI B., DAŞBAŞI T.
Journal of International Social Research, vol.10, no.50, pp.675-683, 2017 (Refereed Journals of Other Institutions)
- IX. **BİR İŞLETMENİN ÜRETİM DURUMUNUN KISITLAYICI KOŞULLAR ALTINDA MATEMATİKSEL ANALİZİ**
DAŞBAŞI B., BOZTOSUN D., AKSOYLU S.
the Journal of Academic Social Sciences, vol.48, no.48, pp.124-143, 2017 (Refereed Journals of Other Institutions)
- X. **MATEMATİKSEL MODELLEME İLE NÜFUS VE YAPAY SİNİR AĞLARI YARDIMIYLA KİŞİ BAŞINA DÜŞEN MİLLİ GELİR TAHMİNİ: TÜRKİYE ÖRNEĞİ**
DAŞBAŞI B., BOZTOSUN D., BARAZ E. H.
International Journal of Social Humanities Sciences Research (JSHSR), vol.4, no.12, pp.841-850, 2017 (Refereed Journals of Other Institutions)
- XI. **Mathematical Modelling of Bacterial Competition with Multiple Antibiotics and its Stability Analysis**
DAŞBAŞI B., ÖZTÜRK I., PEKER F.
KARAEMLAS FEN VE MÜHENDİSLİK DERGİSİ, vol.6, no.2, pp.293-298, 2016 (Refereed Journals of Other Institutions)
- XII. **F K ORANI İLE ENDEKS GETİRİLERİ ARASINDAKİ İLİŞKİ ÜZERİNE AMPİRİK BİR ÇALIŞMA BİST100 ÖRNEĞİ**
BARAZ E. H. , DAŞBAŞI B.
The Journal of Academic Social Science, vol.4, no.34, pp.478-486, 2016 (Refereed Journals of Other Institutions)
- XIII. **Finansal Performans Ölçüm Yöntemi Olarak Eva ile Bist de İşlem Gören Bankalar Üzerine Bir Uygulama**

BARAZ E. H. , DAŞBAŞI B.

The Journal of Academic Social Science, vol.4, no.29, pp.520-537, 2016 (Refereed Journals of Other Institutions)

XIV. Dynamics between Immune System Bacterial Loads

DAŞBAŞI B.

Imperial Journal of Interdisciplinary Research (IJIR), vol.2, no.8, pp.526-536, 2016 (Refereed Journals of Other Institutions)

XV. Bağışıklık sisteminin holling 2 tipi yanıtıyla patojen ve konakçı arasındaki dinamikler

DAŞBAŞI B., ÖZTÜRK I.

Erciyes University Journal Of Institute of Science and Technology, vol.32, no.1, pp.10-20, 2016 (Refereed Journals of Other Institutions)

XVI. Ağır Kuyruklu Dağılımlarda Monte Carlo Simulasyonu İle Konum Parametresinin Analizi

KÖKSOY O., DAŞBAŞI B.

ÇANKAYA ÜNİVERSİTESİ JOURNAL OF ARTS AND SCIENCES, vol.4, no.4, pp.1-2, 2005 (Other Refereed National Journals)

Books & Book Chapters

I. ÇOKLU KESİRLİ MERTEBEDEN DİFERANSİYEL DENKLEM SİSTEMLERİNİN KALİTATİF ANALİZİ, ANALİZDEKİ BAZI ÖZEL DURUMLAR VE UYGULAMASI: AV-AVCI MODELİ

DAŞBAŞI B.

in: FEN BİLİMLERİ VE MATEMATİK'TE AKADEMİK ARAŞTIRMALAR, Yıldırım Z., Editor, Gece Kitaplığı, Ankara, pp.127-157, 2018

Refereed Congress / Symposium Publications in Proceedings

I. Generalized Fractional-Order Mathematical Model for Bacterial Infectious

DAŞBAŞI B., ÖZTÜRK I., Menekşe N., Cebe G.

International Conference on Mathematics and Mathematics Education, Ordu, Turkey, 27 June 2018, vol.1, no.1, pp.1-12

II. KISITLAYICI KOŞULLARIYLA BİR İŞLETME ÜRÜNLERİNİN MATEMATİKSEL MODELİ

DAŞBAŞI B., BOZTOSUN D., AKSOYLU S.

I. Uluslararası İpekyolu Akademik Çalışmalar Sempozyumu, Nevşehir, Turkey, 21 September 2017, pp.344-345

III. LOJİSTİK BÜYÜME MODELİ VE EN KÜÇÜK KARELER YÖNTEMİ YARDIMIYLA NÜFUS VE KİŞİ BAŞINA DÜŞEN MİLLİ GELİR TAHMİNİ: TÜRKİYE ÖRNEĞİ

DAŞBAŞI B., BOZTOSUN D., BARAZ E. H.

I. Uluslararası İpekyolu Akademik Çalışmalar Sempozyumu, Nevşehir, Turkey, 21 September 2017, pp.346-347

IV. The Fractional-Order Mathematical Modeling of bacterial competition with therapy of multiple antibiotics

DAŞBAŞI B., ÖZTÜRK I.

International Conference on Operators in Morrey-type Spaces and Applications (OMTSA 2017), Kırşehir, Turkey, 10 July 2017, pp.65-66

V. Mathematical Modeling of Local Bacterial Infection

ÖZTÜRK I., DAŞBAŞI B.

International Conference on Operators in Morrey-type Spaces and Applications (OMTSA 2017), Kırşehir, Turkey, 10 July 2017, pp.66-67

VI. The Mathematical Modeling of Pathogen and Host by Of Immune System's Holling Type 2 Response

ÖZTÜRK I., DAŞBAŞI B.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 May 2017

- VII. **Fractional-Order Modeling of Bacterial Resistance to Multiple Antibiotics**
DAŞBAŞI B.
International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 May 2017
- VIII. **ARIMA Versus Neural Network Model in Forecasting Time Series**
BARAZ E. H. , DAŞBAŞI B.
International Conference on Mathematics and Mathematics Education, Elazığ, Turkey, 12 May 2016
- IX. **Mathematical modelling of immune system response and bacterial resistance with antibiotic therapy**
DAŞBAŞI B., ÖZTÜRK I.
International Conference on Mathematics and Mathematics Education (ICMME-2016), Elazığ, Turkey, 12 May 2016, pp.348-350
- X. **Dynamics between immune system response bacterial load with Holling response of multiple antibiotics**
DAŞBAŞI B., BARAZ E. H.
International Conference on Mathematics and Mathematics Education (ICMME-2016), Elazığ, Turkey, 12 May 2016
- XI. **Patojen İmmun Sistemi Yanıtının Dinamikleri**
DAŞBAŞI B., ÖZTÜRK I.
28. Ulusal Matematik Sempozyumu, Antalya, Turkey, 07 September 2015, pp.177-178
- XII. **Dynamics of Bacterial Resistance to Multiple Antibiotics and Immune System Response**
ÖZTÜRK I., DAŞBAŞI B.
28. Ulusal Matematik Sempozyumu, Antalya, Turkey, 07 September 2015, pp.175-176
- XIII. **Çoklu Antibiyotik Tedaviyle Bakteriyel Rekabete Ait Matematiksel Model ve Bazı Özellikleri**
ÖZTÜRK I., DAŞBAŞI B.
14. Matematik Sempozyumu "Kanatlandırın Matematik", Niğde, Turkey, 14 May 2015, pp.189-192

Supported Projects

BOZTOSUN D., AKSOYLU S., ALTINIŞIK F., DAŞBAŞI B., BARAZ E. H. , Project Supported by Higher Education Institutions, Bireylerin Finansal Okuryazarlık Düzeyi ve Yeni Finansal Ürünleri Kullanım Seviyeleri Arasındaki İlişkinin İncelenmesi: Kayseri İli Örneği, 2017 - 2017

Citations

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