

Asst. Prof. CÜNEYT YAZICI

Personal Information

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Education Information

Doctorate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2008 - 2015

Post Graduate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Turkey 2006 - 2008

Under Graduate, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2002 - 2006

Dissertations

Doctorate, Shearlet teorisi ve medikal verilere uygulaması, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2015

Post Graduate, Yapılaşmış matrislerde yer değiştirme operatörleri ve onların tersleri, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, 2008

Research Areas

Mathematics, Differential Equations, Functional Analysis, Integral Equations, Partial Differential Equations, Mathematics Education, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Kocaeli Üniversitesi, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2018 - Continues

Assistant Professor, Kocaeli Üniversitesi, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2015 - 2018

Research Assistant, Kocaeli Üniversitesi, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2007 - 2015

Academic and Administrative Experience

Vice Dean, Kocaeli University, Eğitim Fakültesi, 2019 - Continues

Deputy Head of Department, Kocaeli University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2018 - Continues

Courses

Analiz 3, Under Graduate, 2020 - 2021

Analitik Geometri, Under Graduate, 2020 - 2021

ANALİZ 1, Under Graduate, 2016 - 2017

Advising Theses

Yazıcı C., 7. Sınıf cebir öğrenme alanında REACT stratejisinin öğrencilerin akademik başarıları üzerine etkileri, Post Graduate, M.ERÇOBAN(Student), 2018

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

- I. **Asymptotic Behavior and Stability in Linear Impulsive Delay Differential Equations with Periodic Coefficients**
Yeniçerioğlu A. F. , Yazıcı V., Yazıcı C.
MATHEMATICS, vol.8, 2020 (Journal Indexed in SCI)
- II. **Comparison of wavelet and shearlet transforms for medical images**
Sevindir H. K. , YAZICI C.
Applied Mathematics and Information Sciences, vol.10, no.4, pp.1447-1452, 2016 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Stability Behaviour in Functional Differential Equations of the Neutral Type**
Yeniçerioğlu A. F. , Yazıcı C., Yazıcı V.
Universal Journal of Mathematics and Applications, vol.4, no.1, pp.33-40, 2021 (Other Refereed National Journals)
- II. **STABILITY CRITERIA FOR RETARDED FUNCTIONAL DIFFERENTIAL EQUATIONS**
Yeniçerioğlu A. F. , Yazıcı C.
ESKİŞEHİR TEKNİK ÜNİVERSİTESİ BİLİM VE TEKNOLOJİ DERGİSİB- TEORİK BİLİMLER, vol.8, pp.212-222, 2020 (Refereed Journals of Other Institutions)
- III. **Stability in first order delay integro-differential equations**
Yeniçerioğlu A. F. , Yazıcı C.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, pp.660-668, 2020 (Other Refereed National Journals)
- IV. **Makine öğrenmesi algoritmaları ve dalgacık dönüşümü ile EKG sinyalinden özellik çıkarımı**
KODAL SEVİNDİR H., ÇETİNKAYA S., YAZICI C.
Journal of Balıkesir University Institute of Science and Technology, 2018 (Other Refereed National Journals)
- V. **Asymptotic Analysis of an Affine Transformation in the Supply of Missing Data**
KODAL SEVİNDİR H., YAZICI C., ÇETİNKAYA S.
Sakarya University Journal of Science, vol.22, 2018 (Other Refereed National Journals)
- VI. **On The Stability of Third Order Linear Autonomous Neutral Delay Differential Equations**
Yeniçerioğlu A. F. , Yazıcı C.
academic journal of applied mathematical sciences, vol.3, pp.21-39, 2017 (Refereed Journals of Other Institutions)
- VII. **Examining the Factors Affecting the Selection of Mathematics Profession A Case Study**
KODAL SEVİNDİR H., YAZICI C.
Procedia - Social and Behavioral Sciences, vol.152, pp.642-647, 2014 (Refereed Journals of Other Institutions)
- VIII. **Mathematics Anxiety A Case Study for Kocaeli University**
KODAL SEVİNDİR H., YAZICI C.
Procedia - Social and Behavioral Sciences,, vol.152, pp.637-641, 2014 (Refereed Journals of Other Institutions)
- IX. **Mathematics Anxiety of Secondary School Students A Case Study for Kocaeli Area**
KODAL SEVİNDİR H., YAZICI C.
Procedia - Social and Behavioral Sciences, vol.152, pp.630-636, 2014 (Refereed Journals of Other Institutions)
- X. **A Study on Physical Exercise Habit**
KODAL SEVİNDİR H., YAZICI C.
Procedia - Social and Behavioral Sciences, vol.152, pp.648-652, 2014 (Refereed Journals of Other Institutions)
- XI. **Spectral Analysis Of EEG Signals By Using Wavelet And Harmonic Transforms**
SİDDİQİ A. B. H. , KODAL SEVİNDİR H., YAZICI C., KUTLU A., ASLAN Z.

Books & Book Chapters

- I. **Algorithmic Approaches for ECG Analysis**
KODAL SEVİNDİR H., YAZICI C., ÇETİNKAYA S.
in: Mathematical Modeling of Real World Problems: Interdisciplinary Studies in Applied Mathematics, , Editor, NOVA Science Publishers, pp.143-197, 2019
- II. **RELEVANCE OF WAVELETS AND INVERSE PROBLEMS TO BRAIN**
siddiqi a. h. , KODAL SEVİNDİR H., ASLAN Z., YAZICI C.
in: MATHEMATICS IN SCIENCE AND TECHNOLOGY Mathematical Methods Models and Algorithms in Science and Technology, , Editor, World Scientific Publishing , pp.402-429, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **CEBİR ÖĞRENME ALANINDA PROBLEME DAYALI ÖĞRENME MODELİNİN ÖĞRENCİLERİN AKADEMİK BAŞARILARINA ETKİSİNİN İNCELENMESİ**
Özdemir Fincan K., Dinç S., Yazıcı C.
International Marmara Social Sciences Congress (Imascon 2020 – Autumn), Kocaeli, Turkey, 4 - 05 December 2020, pp.2-3
- II. **STABILITY IN RETARDED FUNCTIONALEQUATIONS**
YAZICI C., YENİÇERİOĞLU A. F.
10TH INTERNATIONAL CONFERENCE ON IMAGE PROCESSING,WAVELET AND APPLICATIONS, 18 - 20 October 2019
- III. **ON THE BEHAVIOR OF THE SOLUTIONS FOR FIRST ORDERDELAY INTEGRO-DIFFERENTIAL EQUATIONS**
YENİÇERİOĞLU A. F. , YAZICI C.
10TH INTERNATIONAL CONFERENCE ON IMAGE PROCESSING,WAVELET AND APPLICATIONS, 18 - 20 October 2019
- IV. **A Result on the Behavior of Solutions of Third Order Linear Delay Differential Equations**
YENİÇERİOĞLU A. F. , YAZICI C.
INTERNATIONAL CONFERENCE ON MATHEMATICS “An Istanbul Meeting for World Mathematicians”
Minisymposium on Approximation Theory Minisymposium on Math Education., İstanbul, Turkey, 3 - 06 July 2018, pp.309-313
- V. **On the Behavior of Solutions of Second Order Linear Autonomous Delay Differential Equations**
YENİÇERİOĞLU A. F. , YAZICI C.
INTERNATIONAL CONFERENCE ON MATHEMATICS “An Istanbul Meeting for World Mathematicians”
Minisymposium on Approximation Theory Minisymposium on Math Education., İstanbul, Turkey, 3 - 06 July 2018, pp.1-5
- VI. **On Applications OfMultidimensional Affine Transform In The Supply Of Missing Data**
YAZICI C., ÇETİNKAYA S., KODAL SEVİNDİR H.
The International Conference On Analysis And Its Applications, 11 - 14 September 2018
- VII. **On The Stability In Functional DifferentialEquations Of Neutral Type**
YENİÇERİOĞLU A. F. , YAZICI C.
International Conference OnMathematics ?an Istanbul Meeting For World Mathematicians, 3 - 06 July 2018
- VIII. **Qrs Detection Via MachineLearning Algorithms**
KODAL SEVİNDİR H., ÇETİNKAYA S., YAZICI C.
International Conference On Mathematics ?anIstanbul Meeting For World Mathematicians, 3 - 06 July 2018
- IX. **On The Behavior Of Solutions In MixedDifferential Equations With Delays And Advances**

YENİÇERİOĞLU A. F., YAZICI C.

International Conference On Mathematics ?an Istanbul Meeting For World Mathematicians, 3 - 06 July 2018

- X. **Comparison Of Kernel Functions In Arrhythmia Classification**
ÇETİNKAYA S., KODAL SEVİNDİR H., YAZICI C.
International Conference On Mathematics?an Istanbul Meeting For World Mathematicians, 3 - 06 July 2018
- XI. **On Wavelet Selection for Inpainting Problem**
YAZICI C., KODAL SEVİNDİR H., ÇETİNKAYA S.
International Conference on Applied Analysis and Mathematical Modeling, 20 - 24 June 2018
- XII. **Decision Tree Based Arrhythmia Classification,**
ÇETİNKAYA S., KODAL SEVİNDİR H., YAZICI C.
International Conference On Applied Analysis And Mathematical Modeling Icaamm18, 20 - 24 June 2018
- XIII. **Examining Of The Effect Of React Strategy On Conceptual Knowledge Of Secondary School 7th Grade Students**
ERÇOBAN M., YAZICI C.
International Conference On Mathematical Advances And Its Applications, 11 - 13 May 2018
- XIV. **ON APPLICATIONS OF IMAGE INPAINTING WITH ELLIPTIC MASKING FOR MEDICAL IMAGES**
KODAL SEVİNDİR H., YAZICI C., ÇETİNKAYA S.
9th International Conference on Image Processing, Wavelet and Applications, Kars, Turkey, 5 - 08 November 2017
- XV. **ON THE STABILITY OF RETARDED FUNCTIONAL DIFFERENTIAL EQUATIONS**
YENİÇERİOĞLU A. F., YAZICI C.
9th International Conference on Image Processing, Wavelet and Applications, Kars, Turkey, 5 - 08 November 2017
- XVI. **COMPARISON AMONG WAVELETS FOR PREPROCESSING OF ECG SIGNAL**
KODAL SEVİNDİR H., ÇETİNKAYA S., YAZICI C.
9th International Conference on Image Processing, Wavelet and Applications, Kars, Turkey, 5 - 08 November 2017
- XVII. **On Problems of ECG Feature Extraction**
KODAL SEVİNDİR H., ÇETİNKAYA S., YAZICI C.
International Conference on Applied Analysis and Mathematical Modeling ICAAMM17, İstanbul, Turkey, 3 - 07 July 2017
- XVIII. **Image Inpainting Asymptotic Analysis for Horizontal Mask**
KODAL SEVİNDİR H., YAZICI C., ÇETİNKAYA S.
International Conference on Applied Analysis and Mathematical Modeling ICAAMM17, İstanbul, Turkey, 3 - 07 July 2017
- XIX. **On Choosing a Suitable Wavelet for ECG Artefact Reduction**
KODAL SEVİNDİR H., ÇETİNKAYA S., YAZICI C.
International Conference on Applied Analysis and Mathematical Modeling ICAAMM17, İstanbul, Turkey, 3 - 07 July 2017
- XX. **Image Inpainting by Shearlets and Wavelets via Elliptic Masking**
KODAL SEVİNDİR H., YAZICI C., ÇETİNKAYA S.
International Conference on Applied Analysis and Mathematical Modeling ICAAMM17, İstanbul, Turkey, 3 - 07 July 2017
- XXI. **Colour Visual Cryptography Based on Discrete Wavelet Transform**
KODAL SEVİNDİR H., YAZICI C., ÇETİNKAYA S.
8th International conference on Image Processing, Wavelet and Applications (IWW2016), İstanbul, Turkey, 22 - 24 September 2016
- XXII. **Qrs Detection Based on Wavelet Transform**
KODAL SEVİNDİR H., ÇETİNKAYA S., YAZICI C.
The 8th International conference on Image Processing, Wavelet and Applications (IWW2016), İstanbul, Turkey, 22 - 24 September 2016
- XXIII. **Image Inpainting by Shearlets and Wavelets**
KODAL SEVİNDİR H., YAZICI C.
Applied Mathematics & Approximation Theory - AMAT 2015, Ankara, Turkey, 28 - 31 May 2015

- XXIV. **Image inpainting by Shearlets and Wavelets** H Kodal Sevindir
KODAL SEVİNDİR H., YAZICI C.
3rd International Conference on Applied Mathematics and Approximation Theory, 28 - 31 May 2015
- XXV. **A Study on Physical Exercise Habit**
KODAL SEVİNDİR H., YAZICI C., ÇETİNKAYA S.
Educational Researches and Publications Associations Congress, İstanbul, Turkey, 6 - 08 June 2014
- XXVI. **Matematik Eğitiminde Çabalayarak Öğrenenler ve Onların Bazı Karakteristik Özellikleri**
KÜÇÜK A., ARI A. A. , YAZICI C.
23. ULUSAL EĞİTİM BİLİMLERİ KURULTAYI, Kocaeli, Turkey, 4 - 06 September 2014
- XXVII. **Mathematics anxiety of secondary school students: A case study for Kocaeli area**
KODAL SEVİNDİR H., YAZICI C., Yazici V.
ERPA International Congress on Education (ERPA), İstanbul, Turkey, 6 - 08 June 2014, vol.152, pp.630-636
- XXVIII. **Mathematics anxiety: A case study for Kocaeli University**
KODAL SEVİNDİR H., YAZICI C., Yazici V.
ERPA International Congress on Education (ERPA), İstanbul, Turkey, 6 - 08 June 2014, vol.152, pp.637-641
- XXIX. **Examining the factors affecting the selection of mathematics profession: A case study**
KODAL SEVİNDİR H., YAZICI C.
ERPA International Congress on Education (ERPA), İstanbul, Turkey, 6 - 08 June 2014, vol.152, pp.642-647
- XXX. **An image denoising application using shearlets**
Sevindir H. K. , YAZICI C.
11th International Conference of Numerical Analysis and Applied Mathematics 2013, ICNAAM 2013, Rhodes, Greece, 21 - 27 September 2013, vol.1558, pp.2478-2481
- XXXI. **On analysis of electroencephalogram by multiresolution-based energetic approach**
Sevindir H. K. , YAZICI C., Siddiqi A., Aslan Z.
11th International Conference of Numerical Analysis and Applied Mathematics 2013, ICNAAM 2013, Rhodes, Greece, 21 - 27 September 2013, vol.1558, pp.2482-2485
- XXXII. **A correction for computing matrix-valued Nevanlinna-Pick interpolation problem**
YAZICI C., Sevindir H. K.
11th International Conference of Numerical Analysis and Applied Mathematics 2013, ICNAAM 2013, Rhodes, Greece, 21 - 27 September 2013, vol.1558, pp.2474-2477

Activities in Scientific Journals

Kocaeli Üniversitesi Eğitim Dergisi, Publication Committee Member, 2018 - Continues

Scientific Refereeing

HACETTEPE ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, October 2016

Citations

Total Citations (WOS):1

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