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ONLINE

PROGRAM BOOK

8th International Conference on Computational Mathematics and Engineering Sciences

17 – 19 May 2024,
Şanlıurfa – Türkiye

THE EIGHTH INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES-2024), ŞANLIURFA/TÜRKİYE, MAY 17-19, 2024

The **Eighth International Conference on Computational Mathematics and Engineering Sciences (CMES-2024)** will be held in Harran University from **17- to 19 May 2024 in Şanlıurfa, Türkiye.** It provides an ideal academic platform for researchers and professionals to discuss recent developments in both theoretical, applied mathematics and engineering sciences. This event also aims to initiate interactions among researchers in the field of computational mathematics and their applications in science and engineering, to present recent developments in these areas, and to share the computational experiences of our invited speakers and participants.

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MESSAGE FROM THE GENERAL CHAIRS

Dear Conference Attendees,

We are honored to welcome you to the **Eighth International Conference on Computational Mathematics and Engineering Sciences (CMES-2024)** at Harran University from 17 to 19 May 2024 in Şanlıurfa City, Türkiye.

CMES, founded in 2016 at Faculty of Science and Techniques Errachidia Moulay Ismail University Morocco is an annual intarnational conference, which was very successful in the past years by providing opportunities to the participants in sharing their knowledge and informations and promoting excellent networking among different international universities. This year, the conference includes 200 extended abstracts, several submissions were received in response to the call for papers, selected by the Program Committee. The program features keynote talks by distinguished speakers such as:

Dumitru Baleanu from Institute of Space Sciences, Magurele-Bucharest, Romania; **Yusif Gasimov** from Azerbaijan University, Azerbaijan; **Naim L. Braha** from University of Prishtina, Kosovo; **Ekrem Savas** from Usak University, Türkiye; **Mehmet Emir Köksal** from Ondokuz Mayıs University, Türkiye; **Amdulla O. Mekhrabov** from Azerbaijan Technical University, Azerbaijan. The conference also comprises contributed sessions, posters sessions and various research highlights.

We would like to thank the Program Committee members and external reviewers for volunteering their time to review and discuss submitted abstracts. We would like to extend special thanks to the Honorary, Scientific and Organizing Committees for their efforts in making CMES-2024 a successful event. We would like to thank all the authors for presenting their research studies during our conference. We hope that you will find CMES-2024 interesting and intellectually stimulating, and that you will enjoy meeting and interacting with researchers around the world.

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Hasan Bulut,

Firat University, Elazig, Türkiye.

Zakia Hammouch,

ENS Meknes, Moulay Ismail University Morocco

TOPICS

Control Theory,
Game Theory,
Applied Mathematics,
Financial Mathematics,
Artificial Intelligence,
Education Sciences,
Engineering Sciences,
Computer Science,
Information Technology,
Geometry and Its Applications,
Analysis and Its Applications,
Statistics and Its Applications,
Algebra and Its Applications,
Topology and Its Application,
Chaos and Dynamical Systems,
Cryptography and its Applications,
Fractional Calculus and Applications,
Economics and Econometric Studies,
Electrical and Electronic Engineering,
Defense industry and applications,
Mathematical Biology,
Computational Epidemiology,
Mathematical Chemistry,
Mathematics Education and Its Applications,
Numerical Methods and Scientific Programming,
Linearand Nonlinear programming and Dynamics,
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PROCEEDINGS

Full version of submitted papers will be published in Special Volumes of reputed journals. Procedure, Guidelines and Checklist for the preparation and submission of papers to the Proceedings of CMES-2024 can be found in the journals websites. The journals in which selected and peer-reviewed full papers of CMES-2024 will be published are as follows:

1. BOOK OF ABSTRACTS [Free of charge]
If Authors submit ABSTRACT TEXTS, then, after getting referees evaluations for these abstracts, they will be published in ABSTRACT PROCEEDING BOOK of CMES-2024. For FULL TEXT PAPERS, Authors have to submit their FULL TEXT PAPERS online via submission system of CMES-2024. These FULL TEXT PAPERS will be published in FULL TEXT PROCEEDING BOOK of CMES-2024 after getting at least two positive reports.

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At the beginning, if Authors submit FULL TEXT PAPERS, then, after getting at least two positive referee reports, FULL TEXT PAPERS will be published in FULL TEXT PROCEEDING BOOK of CMES-2024 with ISBN:77733 number. Therefore, Abstracts of these FULL TEXT PAPERS will **NOT** be published in ABSTRACT PROCEEDING BOOK of CMES-2024.

3. FRACTAL AND FRACTIONAL JOURNAL [SCI-E],
Selected papers from CMES-2024 will be published in a special issue dedicated to the Conference entitled "**Feature Papers for Mathematical Physics Section".**
https://www.mdpi.com/journal/fractalfract/special_issues/1TAP5BBZ45
This journal is indexed by SCI-E.

4. PROCEEDINGS OF THE INSTITUTE OF MATHEMATICS AND MECHANICS [E-SCI]
Selected papers from CMES-2024 will be published by https://proc.imm.az/special/

This journal is indexed by E-SCI.

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Participants of CMES 2024 can submit their good quality papers to Turkish Journal of Science. After the peer review process, the papers will be published at TJOS. The authors must write "CMES 2024" as comments to the editor.
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6.TURKISH JOURNAL OF INEQUALITIES, [FREE]
"Participants of CMES 2024 can submit their good quality papers to Turkish Journal of Inequalities. Selected papers will be published at TJI after the peer review process. The participants can send their papers to erhanset@tjinequality.com. The authors must write "CMES 2024" as the subject.
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7. MATHEMATICS IN NATURAL SCIENCE (MNS)
Authors can submit their full text paper directly to the journal by using the following link
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8. MATHEMATICS IN ENGINEERING, SCIENCE AND AEROSPACE (MESA), [FREE, SCOPUS]
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(Editor in Chief: Prof. Seenith Sivasundaram)
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Participants of CMES 2024 can submit their high quality full text papers to Applied Mathematics and Nonlinear Sciences by selecting CMES-2024 under the Select Article Type Menu.
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10. MATHEMATICAL MODELLING AND NUMERICAL SIMULATION WITH APPLICATIONS (MMNSA), [TR DİZİN]
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https://dergipark.org.tr/tr/pub/yyufbed

13. PEDAGOGICAL PERSPECTIVE (PEDPER)
Pedagogical Perspective **(PedPer)** is an international, double blind reviwing, non-profit, professional scientific journal. PedPer is a journal that accepts manuscripts related to pedagogy and education. http://pedagogicalperspective.com/

PLENARY & INVITED TALKS

Generalised fractional operators with some applications

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Abstract: We know that fractional calculus deals with the study of so-called fractional order integral and derivative operators over real or complex domains, and their applications. However, a clear definition of a generalized fractional operator is needed. In this talk I will concentrate on solving this important issue and provide some real-world applications.

Keywords: fractional calculus, generalised fractional operators

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[1] Al-Refai, M, Baleanu, D (2022), On an extension of the operator with Mittag-Leffler kernel, Fractals, 30(5): 2240129.
[2] Anwar A, Baleanu D (2023), On two backward problems with Dzherbashian-Nersesian operator, 8(1): 887-904, AIMS Mathematics.

On Some Inverse Problems In Untraditional Formulation

Yusif Gasimov[1]
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Abstract: The talk is devoted to the solution of some type of inverse problems. Usually, when solving inverse problems one has to recover the equation or boundary conditions describing the process using given additional conditions. As such conditions usually some signals received from the object may be taken. These signals in mathematical formulation are called spectral data that must satisfy some conditions. The searched objects are some functions, coefficients in the equations or in the boundary conditions. The problems considered in the talk are different from the traditional ones. Here we consider the inverse problems for some operators and the searched object are not functions as usual but are domains. We try to identify the domain where the process is going on. To solve such problems one meets some serious mathematical problems. The first problem is the choice of additional conditions – spectral data that satisfies all necessary conditions and allows to find the domain. The second problem is to construct a constructive mathematical apparatus that allows to work with functionals of the domains. To do this the space of the domains should be developed with all necessary mechanisms. In the work the space of the convex bounded domains is constructed and a scalar product is defined there. Then the definition of the s-functions expressed by the spectral data of the Schrodinger operator is given. A scheme is proposed to solve the following inverse spectral problem with respect to domain: Define a domain on the boundary of which the s-functions of the Schrodinger operator are equal to the given functions.

Keywords: Schrödinger operator, convex bounded domains.

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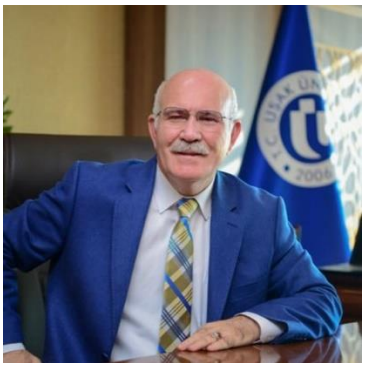
2. Gabasov R., Kirllova F.M. (1981). Optimization Methods. Minsk, BSU, 1981, 350 p.



THE SECRET BEHIND WESTERN CIVILIZATION: ISLAMIC SCIENCE

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Abstract

In this study; what is the place of the Islamic Cultural world in the history of sciences? I will try to explain this. I will also explain that Western civilization is the continuation of Islamic civilization under different geographical and economic conditions.

Keywords: Islamic culture; Western civilization

REFERENCES

1. Fuat sezgin, İslam Bilim tarihi, Timaş yayınları, 2015.

Fractional Order Thinking and Proportional-Integral-Derivative (PID) Control

Mehmet Emir KÖKSAL
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Abstract: The subject of fractional calculus has become very well-known and popular in recent decades. This is because fractional-order models simulate the properties of real systems better than whole order models. Therefore, fractional calculus is used as a powerful and important tool for defining, investigating, analyzing, solving, and understanding many different chemical, engineering, mathematical, physical, statistical, and social problems in real life. In this lecture, the basic concepts of fractional calculus and various common definitions of fractional integration and differentiation are introduced. Various applications in science and engineering are mentioned. In particular, the design of fractional-order proportional integral derivative controllers is emphasized. Mathematical formulations of five design specifications corresponding to the 3D drawing are presented with program implementations. The system design specifications of phase margin, gain margin, phase flatness, low-frequency output noise suppression, and high-frequency noise suppression are considered for designing controllers using the presented 3D graphical method. Each specification is represented by some surfaces that define the boundaries of the permissible parameters of PID control coefficients. The requirements are mapped in the 3D Euclid space by 3D surfaces and/or lines so that the proportional, integral, derivative control coefficients can be optimally chosen to meet the given specifications in an optimum way and to allow trade-off or compromise.

Keywords: Fractional calculus, Fractional order modeling, PID controller, FOPID controller, 3D plots.

References:

1. M.E. Koksal, Time and frequency responses of non-integer order RLC circuits, AIMS Mathematics, 4 (1) 61-75, 2019
2. M.E. Koksal, Stability analysis of fractional differential equations with unknown parameters*, Nonlinear Analysis: Modeling and Control,* 24 (2) 224-240, 2019
3. M.E. Koksal, Explicit commutativity conditions for second-order linear time-varying systems with non-zero initial conditions, *Archives of Control Sciences,* 29 (3) 413-432, 2019

Design and Development of Advanced Magnetic Materials via Computational Material Science for Technological Applications

Amdulla O. Mekhrabov[1]* and M. Vedat Akdeniz[2]

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[2]Novel Alloys Design and Development Lab (NOVALAB), Department of Metallurgical and Materials Engineering (Met E), Middle East Technical University (METU), 06800-Ankara, Turkey

Abstract: The presentation will be an overview of the main research thrusts at the "Novel Alloys Design and Development Lab" (NOVALAB) of MetE-METU and at "Novel Materials and Nanotechnologies" Institute of Azerbaijan Technical University (AzTU) in the designing, development and utilizations of advanced multicomponent magnetic materials for technological applications. Fundamental principles and main aspects of ***Computational Materials Science (CMS)*** for ***modeling and simulation based "alloy design"*** which has been developed over 45 years by Prof. Mekhrabov, will be presented.

Keywords: Modeling, Simulation, Soft Magnetic Materials, Metallic Glasses, Nanostructured alloys, Glass Formation Ability, Monte Carlo, Reverse Monte Carlo, Molecular Dinamics

REFERENCES

1. Aykol M., Mekhrabov A.O. and Akdeniz M.V., Nano-scale Phase Separation in Amorphous Fe-B Alloys: Atomic and Cluster Ordering, Acta Mater., vol. 57, 171- 81, 2009.

2. Aykol M., Akdeniz M.V. and Mekhrabov A.O., Solidification behavior, glass forming ability and thermal characteristics of soft magnetic Fe-Co-B-Si-Nb-Cu bulk amorphous alloys, Intermetallics, vol. 19, 1330-1337, 2011.

3. M.V. Akdeniz and A.O. Mekhrabov, Size dependent stability and surface energy of amorphous FePt nanoalloy, J. of Alloys and Comp., vol. 788, 787-798, 2019.

Approximation by modified (p, q)-gamma-type operators

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Abstract

The main object of this paper is to construct a new class of modified (p, q)-Gamma-type operators. For this new class of operators, in section one, the general moments are find; in section two, the Korovkin-type theorem and some direct results are proved by considering the modulus of continuity and modulus of smoothness and their behavior in Lipschitz-type spaces. In section three, some results in the weighted spaces are given, and in the end, some shape-preserving properties are proven.

Keywords: Modified (p, q)-Gamma-type operators; Modulus of continuity; Shape-preserving approximation

References

1. Altomare, F., Campiti, M.: Korovkin-Type Approximation Theory and Its Application. Walter de Gruyter Studies in Math., vol. 17. de Gruyter & Co., Berlin (1994)

2. Atlihan, O.G., Unver, M., Duman, O.: Korovkin theorems on weighted spaces: revisited. Period. Math. Hung. 75(2), 201–209 (2017)

5/19/2024

10:00-10:45	**Ana Salon Toplantı Erişim Linki** PLENARY LECTURE-Hall-Invited Speaker Speaker: Prof. Dr. Amdulla O. Mekhrabov Title: Design and Development of Advanced Magnetic Materials via Computational Material Science for Technological Applications Chair: Dr. Öğr. Üyesi Hatice ASLAN
11:00-11:45	PLENARY LECTURE-Hall-Invited Speaker Speaker: Prof. Dr. Naim Latif Braha Title: Approximation by modified (p, q)-gamma-type operators Chair: Dr. Öğr. Üyesi Hatice ASLAN

Salon 1 Toplantı Erişim Linki

14:00-16:00 19.05.2024	**Chair**	**Dr. Öğr. Üyesi Mustafa Çağrı GÜRBÜZ**
	Authors	Titles
	Özge Akçay	Inverse Scattering Problem For Discontinuous Sturm-Liouvılle Operator
	Servet Akbaş, Bilgi Yılmaz	Exploring Divergence Measures: Concepts, Applications, and Advances across Disciplines
	Deniz Öztürk	Mathematical Analysis and Modeling of Biofouling in Urban Water Filtration Systems
	Aslı Öner, Sertac Goktas, Büşra Barut	Conformable Sturm-Liouville Problem With Two Parameter
	Ali Olgun, Zekiye Rana Lüsna, Oğuz Yağcı	Several Integral Representaions of the $p-k$ Srivastava's triple hypergeometric functions
	Keziban Taş	On The Inverse Problem For A Secondorder Differential Operator With A Matrix Potential
	Yılmaz Erol, Ummahan Acar	On Prime Subhypermodules

Salon 2 Toplantı Erişim Linki

14:00-16:00 19.05.2024	**Chair**	**Dr. Öğr. Üyesi Işıl BOZKURT**
	Authors	Titles
	Nuket Aykut Hamal, Furkan Erkan	Existence And Uniqueness Results For Singular Fractional Differentıal Equations With P-Laplacian Operator
	Emre Aydın, İnci Çilingir Süngü	On The Semi-Analytical And Hybrid Methods For The Drinfeld-Sokolov-Wilson System Modelling Dispersive Water Waves
	Ahmed Abuhatim, Ebru Cavlak Aslan	Investigation of extended type a NLS equation using the extended direct algebraic method
	Hülya Gültekin Çitil, Fatma Gizem Özmen	An Investigation Of A Fuzzy Boundary Value Problem
	Mine Babaoglu	Dirac Systems That Contain Eigenvalue Dependent Boundary Conditions
	Feride Tuğrul	Explaining Of Decision Making Processes With The Help Of Intuitıonistic Fuzzy Sets
	Zeynep Gülcan Kaya, Murat Şahin, Ayça Gülten	A Comparative Analysıs Of Tree-Inspired Fractal Branchings Dendriform Structures, From The Bc To The L-System Based Structures
	Hülya Gültekin Çitil, Ayşe Nur Başar	An Approach To A Fuzzy Problem With Variable Coefficients

Salon 3 Toplantı Erişim Linki

14:00-16:00 19.05.2024	**Chair**	**Arş. Gör. Ömer Faruk BOYUN**
	Authors	Titles
	Merve Karaoğlan, Erdal Baş	Introduction To M-Sturm-Liouville Problem For Diffusion Operator
	Erdal Baş, Ali Selçuk	Generalized Fractional The Vertical Motion Of A Falling Body Problem
	Enise Kartal, Erdal Baş	Generalized Systems of Linear Equations With Local Derivative
	Emre Civgin, Numan Yalcin	Fundamental Algebraic And Topological Concepts In Geometric Analysis
	Gülistan Butakın, Erhan Pişkin	Explosive Solutions for a Fourth-Order Reaction-Diffusion Equation in Variable Exponent Sobolev Spaces
	E.Panakhov, F.Asadli	The Calculation of the Trace Formulas for Dirac Operator by Lax Method
	E.Panakhov, I.Shikhaliyeva	The Calculation of the Regularization Trace of the Diffusion Equation by Lax's Method
	Serdar Kaan Hortooğlu, Efe Işık, Sedat Tarakçı	Torsional Buckling Behaviour of Propeller Shaft: Comparative Investigation of Experimental and Numerical Analysis

Salon 4 Toplantı Erişim Linki

14:00-16:00 19.05.2024	**Chair**	**Doç. Dr. Gülay OĞUZ**
	Authors	Titles
	Hakkı Güngör	The Novel Numerıcal Solutıons Of Conformable Fractıonal Benjamın–Bona– Mahony Equatıon By Usıng The Robust Conformable Method
	Süleyman Cengizci	Applications of the SUPG-YZβ finite element formulation: from mussel-algae interactions to Schnakenberg reaction models
	Haci Mehmet Baskonus, Halil Şençiçek	Some New Analytical Solutions to the Nonlinear Modified Quantum Zakharov-Kuznetsov Equation
	İlkay Koçoğlu, Hasan Bulut	New Wawe Behaviors For Solutions Of The Truncated M-Fractional Variant Boussinesq System
	Ceylan Çelik, Ebru Cavlak Aslan	"Diverse new solitons and other exact solutions for the 3-D generalized Zakharov–Kuznetsov equation using the generalized (Gβ/G)-expansion method"
	Mustafa Raed Najeeb, Omar Saber Qasim	Improving β-Parameter New Iterative Method With Dandelion Optimizer For Solving Partial Differential Equations Of Fractal Order
	Aytekin Enver, Mostafa Raed Najeeb, Fatma Ayaz, Omar Saber Qasim, Ahmed Entesar	Solving A System Of Partial Differential Equations Via A Hybrid Method Between Homotopy Analytical Method And Chaotic Sine Cosine Algorithm

Salon 5 Toplantı Erişim Linki

14:00-16:00 19.05.2024	**Chair**	**Doç. Dr. Mahmut MODANLI**
	Authors	Titles
	Hacer Bilgin Ellidokuzoğlu, Serkan Demiriz	q- Paranormed Difference Sequence Spaces
	Hacer Bilgin Ellidokuzoğlu, Serkan Demiriz	Paranormed Narayana Sequence Spaces
	Hayatem Hamal	Estimates of Bivariate New Kantorovich Type of the Balázs-Szabados Operators Based on q-integers
	Imane El mhamedi, Anass El karkri, Zakaria El malki, Mohammed bouachrine	Voting Classifier Based Explainable Artificial Intelligence Method For Detecting Glioma Grading Using Clinical And Mutation Features
	Artion Kashuri, Rozana Liko	Estimations of Integral Majorization Inequality For Differentıable Convex Functions And Applications
	Yaşar Çalışkan, Mikail Et	On Lacunary Statistical Boundedness of Sequences of Sets
	Ayşe Eren, Mikail Et	On λ-Statistical Boundedness of Sequences of Sets
	Nazlım Deniz Aral , Hacer Şengül Kandemir ,Mikail Et	On f-Statistical Convergence Via q- Calculus

Salon 6 Toplantı Erişim Linki

14:00-16:00-19.05.2024	**Chair**	**Arş. Gör. Rümeysa YILMAZ**
	Authors	Titles
	Murat Temizkan, Hıfsı Altınok	On Differences Of Bounded Variation Fuzzy Sequences
	Mithat Kasap, Hıfsı Altınok	On Lacunary Statistical Boundedness
	Sezer Erdem, Serkan Demiriz	Domain Of Mersenne Matrix Operator In The Space of Convergent Sequences
	Serkan Demiriz, Sezer Erdem	A Note On Almost Convergent Mersenne Sequence Space
	Auwalu Sa'idu, Hikmet Kemaloğlu (Koyunbakan)	An Inverse Nodal Problem Of A Conformable Sturm-Liouville Problem By Retarded Constant
	"Süleyman Sarıkaya, Yavuz Altın"	f-Statistical Convergence Of Double Sequences In Topological Groups
	Gülcan Tokay, Emrah Yılmaz	Infectious Disease Models With Proportional Derivatives On Time Scales
	Zehra Özdemir, Emrah Yılmaz	Armament Model And Its Analysis With Proportional Derivative On Time Scales

Salon 7 Toplantı Erişim Linki

14:00-16:00-19.05.2024	**Chair**	**Dr. Öğr. Üyesi Hatice ASLAN**
	Authors	Titles
	Pınar Zengin Alp	A New Paranormed Sequence Space Given By Jordan Totient Function
	Gülcan Atıcı Turan	On p-Statistical Convergence Defined By Modular Sequence Spaces Of Order β
	Sevilay Kırcı Serenbay, Ecem Acar	On The Approximation By Nonlinear Operators Of Max-Product Kind
	Imane El Mhamedi, Zakaria El Malk	Developing High-Efficiency Organic Solar Cells through Molecular Design Analysis of Novel D-A-Di-A-D Conjugated Compounds
	Meral Süer	Combinatorial Invariants Of Saturated Numerical Semigroups
	Teub´e Cyrille Mbainaissem D´ethi´e Dione	On solvability of cohomological equation in the space L2(X, β)
	Mehmet Sami Türker, Enes Ayan	Performance Comparison Of Object Detection Algorithms For Ship Detection And Classification From Satellite Imagery

Salon 8 Toplantı Erişim Linki

14:00-16:00-19.05.2024	**Chair**	**Dr. Öğr. Üyesi Özlem KIRCI**
	Authors	Titles
	Muhammed Kerem Turkes, Yıldız Aydın	A New Facial Expression Recognition Methods Based On Hybrid Feature
	Mohammed Taleb, Noureddine En-Nahnahi, Nisrine Dad	Multi-category classification of inappropriate content on social media using Natural Language Processing techniques and Transformer Models
	Semra Çelebi, İbrahim Türkoğlu	Personality Analysis Using Artificial Intelligence According To The Eye Descriptions In Marifetnâme
	Burak Çevik, Muharrem Tuncay Gençoğlu	Blockchain Applications In Medula System
	Dilara Yapışkan, Beyza Billur İskender Eroğlu	Optimal culling strategy for the fractional-order brucellosis transmission model
	Hazal Yüksekkaya	Blow Up At Infinite Time Of Solutions For The Viscoelastic Plate Equation With Distributed Delay And Source Terms
	Hazal Yüksekkaya	Blow Up Results At Finite Time For The Kirchhoff-Type Viscoelastic Equation With Time Delay And Source Term
	M. Ghebleh, A. Kanso, M. B. Khuzam	A Probabilistic Chaotic Image Encryption Scheme

Salon 9 Toplantı Erişim Linki

14:00-16:00-19.05.2024	**Chair**	**Dr. Dilara ALTAN KOÇ**
	Authors	Titles
	Gülşah Belhan, Vedat Asil	Focal Curves According To The Altarnative Frame
	Betül Oğraş İkiz, Zühal Küçükarslan Yüzbaşı	Characterization Of Parametric Surfaces In Lie Groups Using Alternative Frame
	Meltem Karaismailoğlu, Sezin Aykurt Sepet, Mahmut Ergüt	Pointwise Hemi-Slant Submersions From Cosymplectic Manifolds
	Muhittin Evren Aydın,Aykut Has, Beyhan Yılmaz	Multiplicative Rectifying Curve In Multiplicative Euclidean Space
	Murat Turan, Hülya Gün Bozok, Mahmut Ergüt	Inextensible Flows Of Curves With Quasiframe In Galilean Space G3
	Mevlüt Ağar, Mustafa Yeneroğlu	Lie Algebra And Some Geodesic Properties
	Gökhan Dere, Melih Taş	Predicting Student Performance Using Statistical Learning Techniques
	Dilara Altan Koç, Yusuf Pandır, Hasan Bulut	A New Generalized Method For The Fractional Nonlinear Equation

Salon 10 Toplantı Erişim Linki

14:00-16:00-19.05.2024	**Chair**	**Doç. Dr. Gökhan GÖKDERE**
	Authors	Titles
	Ömer Akgüller, Mehmet Ali Balcı	Decoding Structural Isomer: An Artificial Intelligence Approach To Cluster Detection
	Merve Ak, Senem Şahan Vahaplar, M. Hakkı Ersoy, Ahmet Feyzioğlu	Measuring And Assessing Organizational Data Maturity
	Derya Avcı, Sanem Sakarya	How To Determine The Optimal Strategies To Eliminate The Harmful Effects Of Technology Addiction?
	Derya Avcı, Aylin Yetim	An Optimal Training Policy To Reduce Criminal Behavior
	Fatma Uzer, Resat Yilmazer	Explicit Solutions of the Schrödinger Equation Using Fractional Analysis
	Asan Omuraliev, Ella Abylaeva	Numerical Solution of the Singularly Perturbed Cauchy Problem for an Ordinary Differential Equation
	Asan Omuraliev, Peyil Esengul kyzy	Asymptotics Of Solutions To A First-Order Partial Differential Equation With A Power-Law Boundary Layer

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