ICAAMM 2019 Conference Program

10-13 March, 2019, Istanbul

10.03.2019-Sunday HALL-A		
09:00-18:00 ALL Day	**Registration**	
10:00 - 13:00	**Chair: Prof. Dr. Samet Kadıoğlu**	
	OPENING CEREMONY	
	Opening Lecture -HALL A (60 Min.) Prof.Dr.Samet Yücel Kadıoğlu	
	Authors	Titles
	Ravi P. Agarwal	Proofs Can Never be Exact
	Seifedine Kadry	Finding the PDF of the hypoexponential random variable using the Kad matrix similar to the General Vandermonde matrix
13:00-14:00	**Lunch Break**	
10.03.2019-Sunday HALL-A (20 Minutes-Per Author)		
14:00-16:00	**Chair:**	
	Authors	Titles
	Arsen Benga	Pension System in Albania: An Econometric Study
	Arsen Benga	Cost efficiency of banks in Albania: A Data Envelopment Analysis for the period 2015-2017
	Sevgi Sengul Ayan	Modeling and analyzing Ca2+ channel dynamics during cardiac action potential
	Koray Köçken	A Fuzzy Approach to Multi Objective Multi Echelon Green Closed Loop Supply Chain
	Beyza Özkök	On the solution of a fully fuzzy linear programming problem
	Serkan Çakmak	On a Subclass Of Goodman-Ronning Type Harmonic Functions Defined By q-Calculus Operator
16:00-16:30	**Coffee Break**	
10.03.2019-Sunday HALL-A (20 Minutes-Per Author)		
16:30-18:30	**Chair:**	
	Authors	Titles
	Murat Karakas	Lambda Statistical Convergence of Order Alpha in Paranormed Space
	Ayşe Metin Karakas	Copula Entropy Method for Earthquake Volatility
	Gulsen Orucova Buyukoz	Numerical Simulation of Linear Stochastic Delay Differential Equations
	Betul Atay Atakul	The 2-disjunctive domination number of some graphs
	Adel Agila	Grey Wolf Optimizer of Controlled Fractional Dynamic System
	Emrah Altun	A New Mixed-Poisson Distribution with Properties and Applications

10.03.2019-Sunday HALL-A		
09:00-18:00 ALL Day	**Registration**	
10:00 - 13:00	**Chair: Prof. Dr. Samet Kadıoğlu**	
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	Opening Lecture -HALL A (60 Min.) Prof.Dr.Samet Yücel Kadıoğlu	
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13:00-14:00	**Lunch Break**	
10.03.2019-Sunday HALL-B (20 Minutes-Per Author)		
14:00-16:00	**Chair:**	
	Authors	Titles
	Nazlı Irkıl	Existence, Growth and Decay Results for a Hyperbolic-type Equation with Logarithmic Nonlinearity
	Nazlı Irkıl	Qualitative analysis of solutions for a class of wave equation with logarithmic nonlinearity
	Hazal Yüksekkaya	Global Attractors for 3D Petrovsky Equation with Damping Term
	Hazal Yüksekkaya	Global attractors for the higher-order wave equation
	Sibel Yalcin	Certain starlike harmonic functions defined by subordination
	Sibel Yalcin	Some Properties of Harmonic Univalent Functions Defined by Multiplier Transformation
16:00-16:30	**Coffee Break**	
10.03.2019-Sunday HALL-B (20 Minutes-Per Author)		
16:30-18:30	**Chair:**	
	Authors	Titles
	Nur Uylaş Satı	Distance Metrics in Hierarchical Clustering: Application to Real-World Datasets
	Fatma Bozkurt	Flip and Neimark Sacker Bifurcation of a Chemotherapy Treatment for Gliobalstoma Multiforme (GBM)
	F. Ayca Cetinkaya	On a Conformable Fractional Wave Equation
	Tanfer Tanrıverdi	Notes on the zeros of Riemann zeta function
	Ahmet Emin Kurtoglu	Gene Expression Programming based Modeling of Residual Compressive Strength of Fire-Exposed Lightweight Concrete
	Vildan Karahan	Some Generalized Hermite-Hadamard Type Integral Inequalities for φ-Convex Stochastic Processes on n-coordinates

10.03.2019-Sunday HALL-A		
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10:00 - 13:00	**Chair: Prof. Dr. Samet Kadıoğlu**	
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13:00-14:00	**Lunch Break**	
10.03.2019-Sunday HALL-C (20 Minutes-Per Author)		
14:00-16:00	**Chair:**	
	Authors	Titles
	Ayman Baklizi	Likelihood and Bayesian Inference in the Lomax Distribution Under progressive censoring
	Başar Yılmaz	A note on Gauss-Weierstrass operators
	Hale Gonce Kocken	An Algorithm for Solving Pure Integer Linear Programming Problems
	Hale Gonce Kocken	On the Solution of a Fully Fuzzy Transportation Problem
	Ayşegül Vural	A Mixed Integer Modelling of a Shift Scheduling Problem in a Call Center
	Hussain Al-Qassem	On Generalized Littlewood- Paley Functions
16:00-16:30	**Coffee Break**	
10.03.2019-Sunday HALL-C (20 Minutes-Per Author)		
16:30-18:30	**Chair:**	
	Authors	Titles
	Enes Yavuz	Abel summability of improper integrals of fuzzy valued functions
	Samil Akcagil	The link between some well known methods and the projective Riccati equations
	Ramazan Tekercioğlu	On a Stress Analysis in an Infinite Elastic Body with Local Curving of Layers under Bi -axial Compression
	Nilgün Guler Bayazit	Comparison of Rough Sets and Dominance-Based Rough Sets
	Arzu Akgül	The Fekete-Szegö functional problems for a new class of m-foldsymmetric bi-univalent functions
	Arzu Akgül	(p, q)-Lucas polynomial coefficient bounds for a new class of bi-univalent functions

11.03.2019-Monday HALL-A		
09:00-10:00	**Opening Lectures -HALL A (60 Min.) Chair: Adem Kilicman**	
	Authors	Titles
	Dumitru Baleanu	On Classification of Fractional Operators
10:00-10.30	**Coffee Break**	
11.03.2019-Monday HALL-A (20 Minutes-Per Author)		
10:30-12:30	**Chair:**	
	Authors	Titles
	Mustafa Karadeniz	On (h,m)-Preinvex Functions Class
	Yasufumi Yamada	Practical and Numerical Investigation for Bio-SONAR Strategy of Bats during Obstacle Avoidance Flight
	Muhammed Syam	A reliable method for solving first order delay equation based on the implicit hybrid method
	Fatma Ekinci	Nonexistence and growth of solutions for a parabolic p-Laplacian system
	Fatma Ekinci	Nonexistence and growth of solutions for a parabolic equation of Kirchhoff-type with multiple nonlinearities
	Kenzu Abdella	Application of the Sinc-Derivative Method for Solving Nonlinear Integro-Differential Boundary Value Problems
12:30-13:30	**Lunch Break**	
11.03.2019-Monday HALL-A (20 Minutes-Per Author)		
13:30-15:30	**Chair:**	
	Authors	Titles
	Ümran Menek	An Application on the Meromorphic Functions Defined in the Unit Disc
	Ümran Menek	On Some Applications of 1/2 order Starlike and Convex Functions
	Merve Turhan	On Applications Belonging to a Specific Class of the Univalent Functions Defined Within the Unit Disc
	Merve Turhan	On the Application of Some Subclasses of the Analytical Univalent Functions Defined Within Unit Disk
	Melike Çelen	An Analytical Investigation on the Starlikeness of Certain Class of Analytic Functions
	Saed Mallak	Some Results on Ergodic Finite Fuzzy Markov Chains Using Max-Min Composition and Restricted Fuzzy Matrix Multiplication
15:30-16.00	**Coffee Break**	
11.03.2019-Monday HALL-A (20 Minutes-Per Author)		
16:00-18:00	**Chair:**	
	Authors	Titles
	Stoil Ivanov	Local and semilocal convergence of an accelerated Sakurai-Torii-Sugiura method with Newton's correction
	Hayri Topal	Theorem of Katznelson-Tzafriri Type for Multipliers on Banach algebra
	Melek Sofyalıoğlu	Generalized Baskakov Operators Preserving Exponential Functions
	Tulay Akdag	Prediction of Refrigerator Sales Using Autoregressive Integrated Moving Average Method
	Petko Proynov	Fixed point theorems for generalized (ψ,φ)-contractions in metric spaces
	Emel Karaca	New Results of Ruled Surface Pair Generated by A Curve and Its Natural Lift in Dual Space

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11.03.2019-Monday HALL-B (20 Minutes-Per Author)		
10:30-12:30	**Chair:**	
	Authors	Titles
	Hatice Kübra Ünal	Lacunary Statistical Convergence of Complex Uncertain Sequence
	Hatice Kübra Ünal	Fibonacci statistical convergence of double sequences and Korovkin type approximation theorems
	Samingun Handoyo	The Mutiple Time Series Modeling with Autoregressive Distributed Lag
	Agus Widodo	The Seasonal ARIMA as Input Variable of Fuzzy System with Rule Bases Generated by Fuzzy Subtractive Clustering
	Moch Aruman Imron	Uniform convergence of Cosine series with coefficient from Class of General Monotone Order r
	Abdul Rouf	Homomorphism theorems in direct products of subtraction algebras
12:30-13:30	**Lunch Break**	
11.03.2019-Monday HALL-B (20 Minutes-Per Author)		
13:30-15:30	**Chair:**	
	Authors	Titles
	Yasin Kaya	A Uniform Result in Variable Exponent Lebesgue Spaces
	Yasin Kaya	On Different Types of Maximal Functions
	Yusuf Alper Kaplan	The performance analysis of the moving least squares method to find the Weibull parameters at different height
	Yusuf Alper Kaplan	The developing of the new models in solar radiation estimation by moving least squares method
	Yeter Erdas	*-Hermite-Hadamard-Fejer Inequality and Some New Inequalities via *- Calculus
	Mohamad El-Daou	A spectral method for highly oscillatory nonlinear differential equations
15:30-16.00	**Coffee Break**	
11.03.2019-Monday HALL-B (20 Minutes-Per Author)		
16:00-18:00	**Chair:**	
	Authors	Titles
	Nour Alsharif	Nonlinear Variation of Parameters Formula for Integrodynamic Equation on Time Scale
	Merve Kandemir Çetinkaya	Improved Two-Parameter Estimators in Generalized Linear Models
	Sami Mohammed	Stability and Asymptotic Stability in Terms of Two Measures with Initial Time Difference
	Ekrem Aljimi (Alimi)	Weighted Norlund-Euler Statistical Relative Approximation by Positive Linear Operators
	Oğuzhan Konez	Static Structural Analysis of Y32 Bogie Frame Under Exceptional Loads via Ansys according to EN 13749 Standard
	Gizem Demirtaş	Supplier Selection Application with Fuzzy Logic Approach in Textile Industry
	İsmail Özcan	Optimal Fuzzy Profit for Linear and Quadratic Demand Functions Using Polygonal Fuzzy Number

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11.03.2019-Monday **HALL-C (20 Minutes-Per Author)**		
10:30-12:30	**Chair:**	
	Authors	Titles
	Isnani Darti	Dynamical Analysis of Rotavirus Transmission Model with Pathogens Growing in The Environment
	Agus Suryanto	Dynamics of a Fractional Order Ratio-Dependent Predator-Prey Model with Linear Harvesting
	Trisilowati Trisilowati	Optimal Treatment Strategy for an Extended Mathematical Model of Tumor-Immune System Interactions
	Suci Astutik	Algorithm of Combining between Kriging and Disaggregation Method on spatio Temporal Data
	Oguz Ogur	On Grand Lorentz Sequence Spaces
	Hande Günay Akdemir	A Constraint Reduction Heuristic based on Improved Bisection Method and Multiple Surrogate Constraints
12:30-13:30	**Lunch Break**	
11.03.2019-Monday **HALL-C (20 Minutes-Per Author)**		
13:30-15:30	**Chair:**	
	Authors	Titles
	İsmail Gülten	The Fracture of the Elastic Matrix Containing Two Neighboring Co-phase out of Plane Periodically Curved Carbon Nanotubes
	Fatma Bozkurt	Bifurcation and Stability Analysis of a Fractional Order Monoclonal Tumor Population with Allee Effect
	Murat Saldamlı	Common Fixed Point Results in Complex Valued b-Metric Spaces
	Muzaffer Metin	A Low-Cost vertical Active Secondary Suspension System of the Railway Vehicle for Ride Comfort Based on LQG Control Method
	Baranalp Özkan	Statistical Analysis of Service Quality in Public Transportation: Passenger Satisfaction Survey in Istanbul
	Meltem Kurt	Forecasting Call Arrivals in Telecommunication Sector with SARIMA Method
15:30-16.00	**Coffee Break**	
11.03.2019-Monday **HALL-C (20 Minutes-Per Author)**		
16:00-18:00	**Chair:**	
	Authors	Titles
	Özlem Türk	The Solution of Non-Singular Integrals via Monte Carlo Method
	Çağatay Çetinkaya	Statistical Reliability Analysis Under the Standard Two Sided-Power Distribution
	Bahar Karaman	Numerical solution of the time fractional nonlinear Coupled NLS equation using RBFs collocation method
	Ali Yousef	Progressive Sequential Sampling Procedure for Estimating the Population Mean: The Normal Case
	Emrah Karaman	Optimality Conditions of Set-valued Optimization Problems with Respect to m_1 Order Relation and Convexity
	Muhammad Ramzan	Upshot of MHD nanoliqiuid flow with impacts of heat generation/absorption near a stagnation point past an exponential stretched surface

12.03.2019-Tuesday HALL-A		
09:00-10:00	**Opening Lectures -HALL A (60 Min.) Chair: Dumitru Baleanu**	
	Authors	Titles
	Hiroshi Umeo	Synchronization Problem in Cellular Automata
10:00-10.30	**Coffee Break**	
12.03.2019-Tuesday HALL-A (20 Minutes-Per Author)		
10:30-12:30	**Chair:**	
	Authors	Titles
	Tuğçe Kunduracı	Topological Set-Indexer of Digraphs of Knots
	Uğur Zengin	Solutions of Some Generalized Ramanujan-Nagell Equations
	Vilda Purutçuoğlu	Calculation of Optimal Number of Monte Carlo Runs for Normally Distributed Datasets
	Vilda Purutçuoğlu	Nested Bayesian Inference Algorithm in the Construction of Time-Course Biological Networks' Data
	Muzaffer Metin	Fuzzy Logic Control of Vehicle Vibrations by using Semi-Active Suspension Systems
	Kübra Çınar	Analytical Hierarcy Process with Type-2 Fuzzy Sets
12:30-13:30	**Lunch Break**	
12.03.2019-Tuesday HALL-A (20 Minutes-Per Author)		
13:30-15:30	**Chair:**	
	Authors	Titles
	Derya Avcı	Analytical Analysis of A Fractional Model for Hyperbolic Bioheat Transfer
	Beyza Billur İskender Eroğlu	Solution Scheme for Fractional Pennes Bioheat Equation
	Gözde Yaylalı	Quasicontinuous Soft Domain
	Gülden Gün Polat	On Analysis of Second Order Ordinary Differential Equations via Different Analytical Methods
	Onur Tuna	Active Vibration Control of a Simply Supported Plate using H-Infinity Method
	Halil Anaç	Global Stability in a Predicting Pathogen-Specific Cd8 Cell Immune Responses From a Modelling Approach
15:30-16.00	**Coffee Break**	
12.03.2019-Tuesday HALL-A (20 Minutes-Per Author)		
16:00-18:00	**Chair:**	
	Authors	Titles
	Nurgül OKUR	Some Generalizations of Hermite-Hadamard Type Integral Inequalities for Coordinated φ-convex Stochastic Processes
	Ümmü Şahin Şener	Simulation of the Electromagnetic Wave Propagation for Non- Destructive Detection of the Breast Tumor
	Caner Tanış	Comparisons of Some Estimation Methods for the parameters of Log-Kumaraswamy distribution
	Egemen Özkan	Point and Interval Estimation for Log-Kumaraswamy Distribution based on Type I Hybrid Censoring
	Mehmet Öner Şakar	A new Study on Quası Monotone Sequences
	Nisa Aslan	The Construction of the Intrinsic Metric Formula on the Code Set of the Sierpinski Tetrahedron
	Mutaz Mohammad	On Gibbs overshooting and undershooting using generalized tight frames

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12.03.2019-Tuesday HALL-B (20 Minutes-Per Author)		
10:30-12:30	**Chair:**	
	Authors	Titles
	Tolga Saim Bascetin	Comparison of Image Classification Models in Neural Networks
	Nurgül OKUR	Generalized Hadamard's Inequalities for Two-dimensional Preinvex Stochastic Processes
	Shakir Sabbar	Subgroups of the Projective Special linear Group PSL2(K) Over a Field Generated by Projective Transvection
	Penpark Sirimark	Mathematical Modeling of Capillary Transport Over Curved Surface Elements of a Porous Matrix
	Jehan Alswaihli	Iterative Inverse Problem and Data Assimilation Techniques in Neural Field Equation
	Yeter Erdas	The Generalization of Hermite Hadamard Type Inequailities for *,s_*,h_*, 〖P〗_*-Convex Functions
12:30-13:30	**Lunch Break**	
12.03.2019-Tuesday HALL-B (20 Minutes-Per Author)		
13:30-15:30	**Chair:**	
	Authors	Titles
	Mariam Al-Maskari	Galerkin FEM for a time-fractional Oldroyd-B fluid problem
	Emrah Karaman	On Set-valued Optimization Problems with Respect to ℓ_1 order Relation, and Optimality Conditions by Using Subgradients
	Nisa Aslan	A Method for the Construction of Classical Fractals by Using Special Mappings
	Hayri Topal	A Katznelson-Tzafriri type theorem for Multipliers
	Halil Anaç	The New Sumudu Transform Iterative Method For Studying The Random Component Time-Fractional Klein-Gordon Equation
	Dinesh Kumar	Application Of Jacobi Polynomial And Multivariable Aleph-Function In Heat Conduction In Non-Homogeneous Moving Rectangular Parallelepiped
15:30-16.00	**Coffee Break**	
12.03.2019-Tuesday HALL-B (20 Minutes-Per Author)		
16:00-18:00	**Chair:**	
	Authors	Titles
	Imran Ullah	Viscous Dissipation And Joule Heating Effects On Mhd Falkner-Skan Flow Of Casson Nanofluid Past A Moving Wedge
	Temur Chilachava	Research of the nonlinear dynamic systems describing mathematical models of settlement of the conflicts by means of economic cooperation
	George Pochkhua	Research of the nonlinear dynamic systems describing mathematical models of settlement of the conflicts by means of economic cooperation
	Kadriye Şimşek Alan	The Effect of Geometric Nonlinearity on Self-Balanced Normal Stress Distribution in Infinite Elastic Body With a Single Locally Curved Hollow Fiber and Nanofiber and Comparison of Results
	Tolga Saim Bascetin	A New Model for The Detection of Breast Cancer Using Neural Networks
	Shrideh Al-Omari	Convolution Theorem and Fundamental Properties for a new integral operator

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12.03.2019-Tuesday HALL-C (20 Minutes-Per Author)		
10:30-12:30	**Chair:**	
	Authors	Titles
	Mohamed Beggas	The Estımate Error of Schwarz Method For Elliptic Quasi-Variational Inequalities
	Usman Yusuf Abubakar	Stochastic Model of the performance of banking industry in Nigeria stock market
	Atousa Ataieyan	One-Dimensional Simulation of Mass Transfer in a River with Dead Zones Using Network Simulation Method
	Dr. Mohanad Alkhasawneh	Social and Behavioral Risk Factors Influencing Driver's Involvement in Traffic Accidents in Qatar
	Jehad Alzabut	Lyapunov-type inequalities for forced sub/super-half-linear impulsive differential equations
	Mohammed Ali	On Rough Maxımal Operators with Mıxed Homogeneıty along Surfaces of Revolution
12:30-13:30	**Lunch Break**	
12.03.2019-Tuesday HALL-C (20 Minutes-Per Author)		
13:30-15:30	**Chair:**	
	Authors	Titles
	Amele Taïeb	Stability of Singular Fractional Systems of Nonlinear Integro-Differential Equations
	Marwan Alquran	Dynamics of new dual-mode Kawahara equation: Solitary waves solutions and graphical analysis
	Ritwick Banerjee	Stability and permanent co-existence of a discrete-time two-prey one-predator system incorporating optimal harvest strategy
	Octavio Paulo Vera Villagran	Stabilization for a fourth order nonlinear Schrodinger equation in domain with Moving boundary.
	Mohammed Louaked	Shape Optimization of Hydraulic Structures using Porous Media Model
	Parthasakha Das	Deterministic Chaos and Stochastic Fluctuation in Tumor-Growth Model
15:30-16.00	**Coffee Break**	
12.03.2019-Tuesday HALL-C (20 Minutes-Per Author)		
16:00-18:00	**Chair:**	
	Authors	Titles
	Ali Yousef	Bifurcation and Stability Analysis of a System of Fractional Order Differential Equations for a Host-Parasite Model with Allee Effect
	Mutti-Ur Rehman	Structured Singular Values for anti-aliasing filter
	Kamran Zakaroa	Time-Frequency Analysis of EEG Data to Distinguish Different Mental States by using Wavelet Power Spectrum & Global Wavelet Spectrum
	Yavuz Selim BALKAN	On the Geometry of Warped Product Pointwise Semi-Slant Submanifolds of Trans-Sasakian Manifolds
	Ryo Kobayashi	A Mathematical Model of the Locomotion of Centipede and Its Control
	Nazmiye Yahnioglu	The effects of Inhomogeneous initial stresses on the Oscillation of a Multilayered Hollow Sphere filled With a Compressible Fluid

13.03.2019-Wednesday HALL-A		
09:00-10:00	Opening Lectures -HALL A (60 Min.) Chair: Dumitru Baleanu	
	Authors	Titles
	Adem Kilicman	Fractional derivatives of some special functions and their applications
10:00-10.30	**Coffee Break**	
13.03.2019-Wednesday HALL-A (20 Minutes-Per Author)		
10:30-12:30	**Chair:**	
	Authors	Titles
	Gözde Elver	Numerical Solution of Boundary Value Problems in a Comparative Way
	Cemile NUR	On the estimations of periodic eigenvalues of Sturm-Liouville operators with potentials that are trigonometric polynomials
	Ulas Yamanci	Some Results for the Zero Toeplitz Product Problem
	Mehmet Emre ERDOGAN	On the Global Asymptotic Stability of the Third Order Difference Equation
	Mehmet Emre ERDOGAN	Global Attractivity of the Third Order Difference Equation
	Ahmad Al Khalaf	Commutators in Semiprime Gamma Rings
12:30-13:30	**Lunch Break**	
13.03.2019-Wednesday HALL-A (20 Minutes-Per Author)		
13:30-15:30	**Chair:**	
	Authors	Titles
	Hasan Şahin	On Some Applications of 1/4 order Starlike Functions
	Hasan Şahin	On Some Application the Order of Close-to-Convexity of Convex Functions
	Suleyman Ogrekci	Hyers-Ulam Stability of Delay Differential Equations
	Amir Baklouti	Quadratic Lie triple system
	Amnat Panniem	A Modified Artificial Bee Colony Algorithm with Firefly Algorithm Strategy for Continuous Optimization Problems
	Melih Cinar	A numerical approach to an optimal control of beam under moving mass
15:30-16.00	**Coffee Break**	
13.03.2019-Wednesday HALL-A (20 Minutes-Per Author)		
16:00-18:00	**Chair:**	
	Authors	Titles
	Gülsüm Gözde Güzel	Constacyclic and Cyclic Codes over the Finite Ring $ \mathbb F_2+u\mathbb F_2+u^2\mathbb F_2+v\mathbb F_2 $
	Samet Erden	Perturbed Companions of Ostrowski type inequalities for n-times differentiable functions and applicatiions
	Berivan Arı	Some Moment and Simulation Results for the Weak Convergence of SISS Methods
	Amele TAÏEB	Generalized Ulam-Hyers Stability of Fractional Integro-Differential Equations Via Caputo Approach
	Melike Karta	Operator Time- Splitting Method for numerical solution of the Generalized Rosenau-RLW Equation
	Melih Cinar	Active Control of a Smart Beam under a Moving Mass

13.03.2019-Wednesday HALL-A		
09:00-10:00	**Opening Lectures -HALL A (60 Min.) Chair: Dumitru Baleanu**	
	Authors	Titles
	Adem Kilicman	Fractional derivatives of some special functions and their applications
10:00-10.30	**Coffee Break**	
13.03.2019-Wednesday HALL-B (20 Minutes-Per Author)		
10:30-12:30	**Chair:**	
	Authors	Titles
	Seemab Bashir	Investigation of irreversible reactive liquid chromatography considering linear general rate model
	Muzafar Bhat	Genome Sequences and theme extraction Using Probabilistic Topic Modeling
	Abir Chaouk	Approximate Analytical Solution of Local Time Fractional Telegraph Equations via LTFRDTM
	Büşra Elif Kaplan	Linear Regression Analysis of pH Effects on Reactive Black 5 Adsorption of Poly(Divinyl benzene –N-vinyl imidazol) microbeads
	Migle Drulyte	Optimization Algorithm Performance of IIR Filter for Blind Deconvolution of Ultrasonic Reflections
	Behzad Ghanbari	Abundant explicit and exact solutions of the Gardner equation by two integration methods
12:30-13:30	**Lunch Break**	
13.03.2019-Wednesday HALL-B (20 Minutes-Per Author)		
13:30-15:30	**Chair:**	
	Authors	Titles
	Meddahi Meryem	A Hybrid Method For Variational Inequalities over Fixed Point Sets of Multimaps
	Amina Boucenna	Existence and infinity solutions for a boundary value problem via variational methods on the half line
	Neslihan Ozdemir	Wavelets Galerkin Method for the Kdv- Burgers- Kuramoto Equation
	Sebahat Ebru Das	Haar Wavelet Solution of Second Order Painlevé Equation
	HIBA Brahim	Numerical simulation and experimental analyzes of a travelling magnetic field applied to the electromagnetic stirring of a ternary metal alloy
	Sebahat Ebru Das	A Numerical Method Based On Fractional Legendre-Collocation Method for Solving Fractional Initial Value Problems
15:30-16.00	**Coffee Break**	
13.03.2019-Wednesday HALL-B (20 Minutes-Per Author)		
16:00-18:00	**Chair:**	
	Authors	Titles
	Muslum Ozisik	An irrational function approach for exponential calculations and exponential function graphs.
	Gözde Yaylalı	Some Results on Quasicontinuous Soft Domains
	Sertan Alkan	Haar Wavelet Collocation Method for the Solution of Logistic Growth in Population
	Veysel Hatipoglu	Comparison of Sinc Methods on the Fractional Differential Equations with Conformable Derivatives
	Hamaizia Taieb	Common fixed point theorems under implicit relations in fuzzy metric spaces
	Cemil Büyükadalı	Stability Analysis of a Waterborne Infectious Disease Model with Logistic Growth and Vertical Disease Transmission

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10:00-10.30	**Coffee Break**	
13.03.2019-Wednesday HALL-C (20 Minutes-Per Author)		
10:30-12:30	**Chair:**	
	Authors	Titles
	Faruk Düşünceli	Numerical Solutions for Higgs Equations by Hermite Polynomials
	Vildan Karahan	New Integral Inequalities of Hadamard's for Harmonically Convex Stochastic Processes on n-coordinates
	Seda Erbayrak	Determination of Optimum Mesh Size for the Fuel Engine Exhaust: A Parametric study
	Tuğçem PARTAL	Numerical Simulation of Stochastic SIR System
	Chaowat Manyuen	Graph varieties axiomatized by some groupoid identities
	Ümmü Şahin Şener	Numerical Solution for Electromagnetic Scattering from Thin Strips
12:30-13:30	**Lunch Break**	
13.03.2019-Wednesday HALL-C (20 Minutes-Per Author)		
13:30-15:30	**Chair:**	
	Authors	Titles
	Gökçe Kılıçkaya	Nelder-Mead Simplex Search Algorithm for Weber Problem
	Gunay Mammadova	Analysis of variance (ANOVA) for Iris data in R
	Hakan Adiguzel	Existence of positive solutions of fractional differential equations involving the Riemann–Stieltjes integral boundary condition
	Hilala Jafarova	Applying H2O Artificial Intelligence classification algorithms in R on HR data
15:30-16.00	**Coffee Break**	
13.03.2019-Wednesday HALL-C (20 Minutes-Per Author)		
16:00-18:00	**Chair:**	
	Authors	Titles

POSTER PRESENTATIONS SCHEDULE 10-13 March, 2019 (All Days)	
Ahlam Labdaoui	Bayesian sample size for confidence interval with specified length
Aissani Khalida	Controllability of Fractional Integrodifferential Inclusions with State-Dependent Delay
Andrzej Burkiet	Constructions of numerical sequences not subject to the Diagonal Cantor method
Bachir Bounibane	An effecient interior point algorithm for the linear optimization problem
Barrouk Bachir	An Importent Modification of PRP Method With Strong Wolfe-Powell Line Search for Unconstrained Optimization
Bekkouche Noria	Non radial solutions to a Dirichlet problem
Besma Bennour	Reliability Analysis of multi-state Consecutive-k-out-of-n system with dependent components under a Shock Model
Bouhnik Anis	The asymptotic stability of a generalized linear neutral differential equation with variable delay
Dali Ahmed	Gevrey Vectors Of Multi-Quasielliptic Systems
El Hendi Hichem	Harmonic And Biharmonic Maps Between Tangent Bundles
Esra Kasap	Prediction Of Hepatitis B Immunization By Using Genetic Algorithm
Fareh Hannachi	A General Robust Function Projective Method for the Synchronization of Arbitrary 3-D Continuous-Time Quadratic Systems
H. Çağıl Bozduman	Homomorphic encryption systems
Habibeche Mustapha	A comparison study between artificial neural network (ANN) and Box-Jenkins (BJ) modeling in chaotic time series prediction
Josipa Barić	New converses of Levinson's type inequality and Levinson's type generalization of Jensen-Mercer's ineqality in time scale settings
Maja Andrić	An extended generalized Mittag-Leffler function associated with inequalities due to Karamata's estimations of the Chebyshev quotient
Moulgada Abdelmadjid	Simulation of The Damage Of Orthopedic Cement In Total Hip Prosthesis Under Dynamic Loading
Mustapha Meghnafi	Impulsive Fractional Differential Inclusions with State-Dependent Delay
Omar Ramadan	On the Stability of the Direct Integration Auxiliary Differential Equation Scheme for the FDTD Implementation of Nanomaterial Graphene Dispersion
Saadi Abdelkader	Existence and Stability Criteria for Caputo-Hadamard Sequential Fractional Order Nonlinear Differential Equations
Saffidine karima	Antioxidant and antibacterial properties of seeds extracts from Sophora japonica
Songül Batik	Positive solutions for a system of nonlinear fractional order differential equations
Süleyman Safa Kefci	Method of the Shooting For Ordinary Differential Equation
Wafiya Boukrouk	Differential inclusions in metric spaces.
Yunus Emre Demirel	Comparison of solution methods of transportation problems and their application differences via QM programming
Zerargui Fatima	Antioxidant properties of Arisarum vulgare L. Root Extracts