20.06.2018 Wednesday		
09:00-18:00	Registration	
11:00 - 12:30	Chair: Prof.Dr.Samet Yücel Kadıoğlu	
	OPENING CEREMONY	
	Opening Lectures -HALL A	
	Authors	**Titles**
	Aderemi Kuku	Higher Algebraic K-theory and Representations of Algebraic Groups^1
	Adem Kilicman	Special Functions to Distributions
12:30-13:30	**Lunch Break**	
13:30-14:30	Opening Lectures -HALL A Chair: Prof.Dr.Samet Yücel Kadıoğlu	
	Authors	**Titles**
	Anuar Ishak	On the stability of Multiple Solutions in Boundary Layer Flow and Heat Transfer Problems
	Cemil Tunç	On the qualitative analysis of solutions of Volterra integro-differential equations
20.06.2018 Wednesday	**HALL A**	
14:30-16:30	**Chair: Mehlika Karamanlioğlu**	
	Authors	Titles
	Murli Gupta, Jiten Kalita	ψ-v computation of flow past a flat plate in uniform and accelerated flow
	Wan Heng Fong	Generalisations of DNA Splicing Languages with One Restriction Enzyme using Automata
	Furkan Yildirim	Semi-tensor Bundle and problems of horizontal lifts
	Murat Altunbaş	On the Natural Isometric Immersion From Normal Bundle of a Surface to Tangent Bundle of an Anti-ParaHermitian Manifold
	Izzat Fakhruddin Kamaruzaman	A generalized bivariate copula for flood analysis in Peninsular Malaysia
	Ahmet Testici	Approximation by Interpolating Polynomials In Smirnov Classes With Variable Exponent
	Mauricio Sepúlveda	Numerical methods for a High order Nonlinear Schrodinger Equation
	Ahlem Ghiloufi	Fourth-order compact and energy conservative difference scheme for the Rosenau-Kawahara equation
16:30-17:00	**Coffee Break**	
20.06.2018 Wednesday	**HALL A**	
17:00-19:00	**Chair: Mehlika Karamanlioğlu**	
	Authors	Titles
	Azizah Mohd Rohni	Dual solutions for opposing flow case in mixed convection over a vertical plate
	Asma Rouatbi	High-order finite-difference scheme for numerical simulation of RLW-Burgers equation
	Mokhtari Chakir	Term Classification based Query Expansion
	Oya Mert	On Sufficient Conditions For Close-To-Convexity of Order 2^-r.
	Emre Kurt	Galerkin vector solution of Kelvin problem for a mixture of two linear elastic solids
	Ahmad Almslem	Minimal Groups non Satisfying the Basis Property
	Nur Uylaş Sati	A Combined Semi-Supervised Classification Approach for Text Categorization: A Case Study for Movie Reviews
	Amira Fadina Ahmad Fadzil	Spectrum of Cayley Graphs of Dihedral Groups and Their Energy

20.06.2018 Wednesday		
09:00-18:00	Registration	
11:00 - 12:30	Chair: Prof.Dr.Samet Yücel Kadıoğlu	
	OPENING CEREMONY	
	Opening Lectures -HALL A	
	Authors	Titles
	Aderemi Kuku	Higher Algebraic K-theory and Representations of Algebraic Groups^1
	Adem Kilicman	Special Functions to Distributions
12:30-13:30	Lunch Break	
13:30-14:30	Opening Lectures -HALL A Chair: Prof.Dr.Samet Yücel Kadıoğlu	
	Authors	Titles
	Anuar Ishak	On the stability of Multiple Solutions in Boundary Layer Flow and Heat Transfer Problems
	Cemil Tunç	On the qualitative analysis of solutions of Volterra integro-differential equations
20.06.2018 Wednesday	HALL B	
14:30-16:30	Chair: Özlem Tavukçuoğlu	
	Authors	Titles
	Ersen Akıncı	A new generalization for Jacobsthal and Jacobsthal Lucas Sequences
	Ihsan PEHLIVAN	Analysis, Synchronization and Circuit Design of Sprott P Chaotic System
	Ihsan PEHLIVAN	Analysis, Synchronization and Circuit Design of Sprott H Chaotic System
	Ihsan PEHLIVAN	Dynamic Analysis, Synchronization and Circuit Design of Chameleon Chaotic System
	Ihsan PEHLIVAN	Basic Dynamical Analyses and Electronic Circuit Implementation of Newton-Leipnik Chaotic System
	Khaled Omrani	An efficient computational approach to solving a model of nonlinear dispersive waves
	Nurul Izzaty Ismail	The Mathematical Modelling of DNA Splicing System with Palindromic and Non-Palindromic Restriction Enzymes
	Mustafa KUDU	A numerical study on the parameterized singularly perturbed problem with integral boundary condition
16:30-17:00	Coffee Break	
20.06.2018 Wednesday	HALL B	
17:00-19:00	Chair: Özlem Tavukçuoğlu	
	Authors	Titles
	Norazura Ahmad	An Integer Linear Programming Approach for Medical Assistants Scheduling in Emergency Department
	Şükran Uygun	Generalized k-Jacobsthal Sequence
	Evgin Goceri	A Method for Leukocyte Segmentation Using Modified Gram-Schmidt Orthogonalization and Expectation-Maximization
	Metin Varan	Nonlinear Analysis and Circuit Realization of Chaotic Arneodo System
	Metin Varan	A Chaos-Based Signal Masking Application Using Liu System
	Metin Varan	Image Encryption Application with Chaotic Oscillator Based Random Number Generator
	Metin Varan	Nonlinear Analysis and Circuit Realization of Chaotic Bouali System
	Evgin Goceri	Automated Measurement of Changes in Cortical Thickness from MR Images

20.06.2018 Wednesday	
09:00-18:00	Registration
11:00 - 12:30	**Chair: Prof.Dr.Samet Yücel Kadıoğlu** **OPENING CEREMONY** **Opening Lectures -HALL A**

Authors	Titles
Aderemi Kuku	Higher Algebraic K-theory and Representations of Algebraic Groups^1
Adem Kilicman	Special Functions to Distributions

12:30-13:30	**Lunch Break**

13:30-14:30	**Opening Lectures -HALL A** **Chair: Prof.Dr.Samet Yücel Kadıoğlu**

Authors	Titles
Anuar Ishak	On the stability of Multiple Solutions in Boundary Layer Flow and Heat Transfer Problems
Cemil Tunç	On the qualitative analysis of solutions of Volterra integro-differential equations

20.06.2018 Wednesday	HALL C

Chair: Serap Yeşilkır

14:30-16:30	Authors	Titles
	Muhammet Enes DURMAZ	Convergence Analysis of the Finite Difference Method for a Singularly Perturbed Fredholm Integro-Differential Equation
	Ömer Yapman	Second Order Numerical Method for a Singularly Perturbed Volterra Integro-Differential Equation
	Fatma Özen Erdoğan	A Comparison on Octonion and Moufang Klingenberg Planes
	Numan Yalcin	On Multiplicative Sumudu Transform
	Modhar Torki	A Practical Method to Determine the Integer Factorization on Excel
	Evgin Goceri	Formulas Behind Deep Learning Success
	Seema Mehra	Common Fixed Point Theorems for Generalized Fuzzy Homotopic Mappings in Q-Fuzzy Metric Space
	Ali Enes	Numerical Solutions of Sıngularly Perturbed Volterra Delay –Integro- Differential Equation

16:30-17:00	**Coffee Break**

20.06.2018 Wednesday	HALL C

Chair: Serap Yeşilkır

17:00-19:00	Authors	Titles
	Aida Mauziah Benjamin	Resources Analysis Using Heuristic Algorithm for Landfill Site Selection
	Tuğçe Kunduracı	Topological Set-İndexer of Graphs of Torus Knots
	Ferit Yalaz	A New Method for Knot Graph
	Merve Özkan	Some Results on Pata Type Contractions in Metric Space
	Fatih Hezenci	Exceptional groups and Reidemeister torsion
	Shafeek Ghaleb	Effect of CTL and antibody immune response on within-host virus dynamics with saturation incidence rate
	Serap Çelen	From Postulates to Proofs-Honeycomb Knitted Progression of Quantum Engineering
	Nihal Tas	On Parametric Nb - Metric Spaces

20.06.2018 Wednesday	
09:00-18:00	Registration

11:00 - 12:30	Chair: Prof.Dr.Samet Yücel Kadıoğlu
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	Opening Lectures -HALL A

Authors	Titles
Aderemi Kuku	Higher Algebraic K-theory and Representations of Algebraic Groups^1
Adem Kilicman	Special Functions to Distributions

12:30-13:30	**Lunch Break**

13:30-14:30	Opening Lectures -HALL A Chair: Prof.Dr.Samet Yücel Kadıoğlu

Authors	Titles
Anuar Ishak	On the stability of Multiple Solutions in Boundary Layer Flow and Heat Transfer Problems
Cemil Tunç	On the qualitative analysis of solutions of Volterra integro-differential equations

20.06.2018 Wednesday	HALL D

14:30-16:30	Chair: Anıl Niş

Authors	Titles
Cemil Tunç, Osman Tunç	On the stability of stochastic functional differential equations with delays
Cemil Tunç	On the interval stability of impulsive systems with time delay
Sultan Erdur	On The Existence of Periodic Solutions of Differential Equations of Second Order With Delay
Ramazan Yazgan	On The Weighted Pseudo Almost Periodic Solutions of Nonlinear Functional Nicholsons Blowflies Model Equation
Melek Gözen	Exponential Stability Critera For Linear Neutral Systems
İrem Akbulut	Stability of a delay integro-differential equation of first order via fixed point method
Samsul Huda	Simulation of food waste in consumption and distribution to improve food security in Qatar
Taofeek Alade	Stability analysis of Chikungunya virus dynamics model with multitarget cells

16:30-17:00	**Coffee Break**

20.06.2018 Wednesday	HALL D

17:00-19:00	Chair: Anıl Niş

Authors	Titles
Eda Demirel	Application of Business Intelligence Processes on the Global Terrorism Data
Selen Çakmakyapan	A New Extended Fréchet Distribution: Properties and Lifetime Data Application
Numan Yalcin	Multiplicative Linear Differential Equations With Variable Exponentials
Ufuk Beyaztas	Iterated bootstrap procedure in individual bioequivalence
Tanfer Tanrıverdi	Notes on the Riemann Zeta Function
Alev Kelleci	Considering on a special vector being a solution of a partial differential equation
Ali Aydogdu	On Fibonacci Polynomials in The Family of Fibonacci Numbers
Beste H. Beyaztas	Construction of Multi-step Forecast Regions for VAR Processes Using Block Bootstrap

21.06.2018	Thursday	

10:00-11:00	**Opening Lectures -HALL A** **Chair: Adem Kilicman**	
	Authors	Titles
	Nikolay Metodiev Sirakov	Image Related Properties of the Euler-Lagrange and Poisson PDEs
	Maslina Darus	A review on Hankel determinant for various subclasses of analytic functions

11:00-11.30	**Coffee Break**	

11:30-12:30	**Opening Lectures -HALL A** **Chair: Adem Kilicman**	
	Authors	Titles
	Ali Okatan	Mathematical Methods in İmage Formation in Space Explorations
	Hishamuddin Zainuddin	Lifting Degeneracy for Quantum Bound States on Hyperbolic Tori

12:30-13:30	**Lunch Break**	

21.06.2018	Thursday	HALL A

13:30-15:30	**Chair: Ahmet Emin Kurtoğlu**	
	Authors	Titles
	Yasar Sozen	Reidemeister torsion of tensor product of representations
	Mehmet Ertem	Multi-stage Hybrid Flow Shop Scheduling Problem with Stochastic Sequence Dependent Setup Times
	Mustafa Aggul	High-Accurate Domain Decomposition for Atmosphere-Ocean Interaction
	Mustafa Gezek	New 104-sets of type (4,8)
	Mustafa Sivri	A game theory based approach to generate a set of compromise solutions of a multiobjective linear programming problem
	Ömer Ünsal	Modified Double Sub-Equation Method for Solving Nonlinear Evolution Equations
	Fedakar Çakır	The (G'/G)-expansion method for Solving Nonlinear KdV7 Equation
	Hasan Bayram	On A New Subclass Of Harmonic Univalent Functions Associated With a Linear Operator

15:30-16:00	**Coffee Break**	

21.06.2018	Thursday	HALL A

16:00-18:00	**Chair: Ahmet Emin Kurtoğlu**	
	Authors	Titles
	Abdurrahman Dayioğlu	Corresponding Graphs of Affine Planes
	Samil Akcagil	Comparative Analysis of Exact Solutions for the Phi-four Equation
	Arzu Kurt	Quantum Regression Theorem Violation Based Non-Markovianity Measures
	Emel Biçer	On The Hyers-Ulam Stability of A Nonlinear Delay Differential Equation of Second Order
	Mehmet Öner Şakar	A New Application of (φ,δ) Monotone Sequences to Infinite Series and Fourier Series
	Hatice Kusak Samanci	Some Characterizations of The Slant Helices According to N-Bishop Frame in Euclidean 3-Space
	Hatice Kusak Samanci	N-Bishop Frame of The Spacelike Curve with Spacelike Principal Normal in Minkowski 3-Space
	Hatice Kusak Samanci	Some Special Curves Parametrized By Time Scales in Minkowski 3-Space

18:00	**Cocktail (Dinner)**	

21.06.2018 Thursday		
10:00-11:00	**Opening Lectures -HALL A** **Chair: Adem Kilicman**	
	Authors	Titles
	Nikolay Metodiev Sirakov	Image Related Properties of the Euler-Lagrange and Poisson PDEs
	Maslina Darus	A review on Hankel determinant for various subclasses of analytic functions
11:00-11.30	**Coffee Break**	
11:30-12:30	**Opening Lectures -HALL A** **Chair: Adem Kilicman**	
	Authors	Titles
	Ali Okatan	Mathematical Methods in İmage Formation in Space Explorations
	Hishamuddin Zainuddin	Lifting Degeneracy for Quantum Bound States on Hyperbolic Tori
12:30-13:30	**Lunch Break**	
21.06.2018 Thursday **HALL B**		
13:30-15:30	**Chair: Hakan Aktaş**	
	Authors	Titles
	Nihal Ata Tutkun	Discrete-Time Survival Models in Ranked Set Sampling : An Application to Turkish Motor Insurance Data
	Nursel Koyuncu	Control Charts for Bivariate Skew-t Distribution
	Vahide Bulut	The Contact Curve of Two Surfaces and Triple Orthogonal System
	Elif Deniz Öztürk	Approximate Solution of Delayed Variable Boundary Value Problem By The Cas Wavelet Method
	Tanfer Tanrıverdi	Specific Sturm-Liouville Differential Equation
	Ali Atasoy	On Representations of Quaternions
	Sema Akin	A multi-objective mixed integer linear programming model proposal for multi-echelon closed-loop supply chain network
	Ahmet Karakaş	A new note on absolute matrix summability of infinite series
15:30-16:00	**Coffee Break**	
21.06.2018 Thursday **HALL B**		
16:00-18:00	**Chair: Hakan Aktaş**	
	Authors	Titles
	Ali ihsan Boyacı	Application of Taguchi Experimental Design to An Automotive Supplier
	Ali Öz	Effect of Hybrid Fibers on the Properties of Fresh and Hardened Concrete of Self-Compacting Concretes Containing Fly Ash as a Mineral Additive
	Seda Gulen	Compact Finite Difference Solutions of Stefan Problem for Different Moving Boundary Conditions
	Ömer Gönül	Solar Cell Parameter Estimation using Hybrid Nelder-Mead and Big Bang Big Crunch Algorithms
	Ömer Akın	Modeling Land Use Simulation of Istanbul for 2023 with Logistic Regression
	Uğur Sert	Existence and Behavior Results For a Nonlocal Nonlinear Parabolic Equation With Variable Exponent
	Cemre Aldoğan	Modeling Land Use Simulation of Istanbul for the Year 2023 with Artificial Neural Networks
	Melike Kaplan	Application of Linear Superposition Principle for Some Hirota Bilinear Equations
18:00	**Cocktail (Dinner)**	

21.06.2018	Thursday	

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<tr><td rowspan="4">10:00-11:00</td><td colspan="2" align="center">Opening Lectures -HALL A
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<tr><td colspan="3">21.06.2018   Thursday   HALL C</td></tr>
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<tr><td>Mustafa Asci</td><td>New Results on Gauss Balancing and Gauss Cobalancing Numbers</td></tr>
<tr><td>Norihan Arifin</td><td>Effects of Thermal Radiation on Unsteady Mixed Convection Stagnation-Point Flow over a Permeable Moving Surface along the Flow Impingement Direction: A Stability Analysis</td></tr>
<tr><td>Ferit Gürbüz</td><td>On the behaviors of a class of rough higher order commutators on generalized weighted Morrey spaces</td></tr>
<tr><td>Ayşe Yavuz Taşcı</td><td>Concircularly Flat Z-Symmetric Manifolds</td></tr>
<tr><td>Yahya Güzel</td><td>Ligand-based determination of the 3D pharmacophore model of the receptor by non-linear least squares (NLLS) in the MCET method</td></tr>
<tr><td>Melike Kaplan</td><td>Two different methods to Analytical Solutions of Boiti-Leon-Manna-Pempinelli Equation</td></tr>
<tr><td>Samet Erden</td><td>Some Perturbed Ostrowski Type Inequalities for Functions Whose Higher Degree Derivatives are Absolutely Continuous</td></tr>
<tr><td>Melike Kaplan</td><td>On Multiple Wave Solutions to Nonlinear Evolution Equation</td></tr>
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<tr><td>Gülseren Çiçek</td><td>Optimization of second order differential inclusions for Mayer problem with viable constraint</td></tr>
<tr><td>Dilara Karslıoğlu</td><td>Scattering Analysis of Discrete Schrödinger Equations with Impulsive Conditions</td></tr>
<tr><td>Zeroual Aouachria</td><td>Study of the control of the power output generated, by a SCPP, according to demand</td></tr>
<tr><td>Zeroual Aouachria</td><td>Controlling Power Output of Solar Chimney Power Plant According to Demand</td></tr>
<tr><td>Diffalah Laissaoui</td><td>Some results on the hyper-sums of powers of integers</td></tr>
<tr><td>Hamza Akroum</td><td>Modeling of experimental data for bioenergy production</td></tr>
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21.06.2018	Thursday	

10:00-11:00	Opening Lectures -HALL A Chair: Adem Kilicman	
	Authors	Titles
	Nikolay Metodiev Sirakov	Image Related Properties of the Euler-Lagrange and Poisson PDEs
	Maslina Darus	A review on Hankel determinant for various subclasses of analytic functions

11:00-11.30	**Coffee Break**

11:30-12:30	Opening Lectures -HALL A Chair: Adem Kilicman	
	Authors	Titles
	Ali Okatan	Mathematical Methods in İmage Formation in Space Explorations
	Hishamuddin Zainuddin	Lifting Degeneracy for Quantum Bound States on Hyperbolic Tori

12:30-13:30	**Lunch Break**

21.06.2018	Thursday	HALL D

13:30-15:30	Chair: Çiğdem Adıgüzel	
	Authors	Titles
	Radia Abdelli	Control of A Wınd Conversıon System For Low Thd And Constant Swıtchıng Frequency
	Dahbia Akroum-Amrouche	Linear and non-Linear regression analysis for biohydrogen production
	Mahfoud Kadja	Study of Turbulent Flow Through a Thrust Reverser
	Nur 'Izzati Hamdan	Analysis of the fractional order dengue transmission model: a case study in Malaysia
	Sharifah Kartini Said Husain	Isomorphism and Isotopism Classes of 2-Dimensional Leibniz Algebras over Finite Fields
	Benalia Kouini	Model Development of Barrier Properties of Polymer/clay Nanocomposites
	Abdelali Boukaoud	Computational Quantum Chemical Studies on Amino Acid Molecules: Application on D-phenylalanine
	Syafrina Abdul Halim	Statistical Downscaling Mean and Extreme Rainfall using Delta Change Method

15:30-16:00	**Coffee Break**

21.06.2018	Thursday	HALL D

16:00-18:00	Chair: Çiğdem Adıgüzel	
	Authors	Titles
	Nadir Sari	Structure of the periodic solutions of the "shallow water sloshing" equation
	Halıza Rosalı	Stagnation Point Flow Towards A Shrinking Sheet in A Porous Medium With Suction
	Nor Haniza Sarmin	On the Energy of Graphs Associated to the Relative Commutativity Degree of Some Dihedral Groups
	Issam Attoui	An Intelligent Online Scheme based k-nearest neighbor classifier for Gear system Fault Diagnosis and Classification
	Nazihah Ahmad	Comparative Analysis of Crisp and Fuzzy Multi- Criteria Decision Making Methods for Supplier Selection in an Automotive Manufacturing Industry
	Iman Taha	Minimal Groups non Satisfying the Basis Property
	Nerda Zura Zaibidi	Ultimatum Games in Determining Mutual House Price
	Norazak Senu	Diagonally Implicit Two Derivative Runge-Kutta Method for Solving First Order Initial Value Problems

18:00	**Cocktail (Dinner)**

22.06.2018	Friday	

	Opening Lectures -HALL A Chair: Dumitru Baleanu	
10:00-11:00	Authors	Titles
	Seifedine Kadry	Analytical Solutions of PDF with engineering applications
	Herbert E. Huppert FRS	How long does it take to get there

11:00-11.30	Coffee Break

	Opening Lectures -HALL A Chair: Dumitru Baleanu	
11:30-12:30	Authors	Titles
	Dumitru Baleanu	How to treat nonlocality with fractional calculus
	Fatimah Abdul Razak	Persistent Homology on Malaysian Data Sets

12:30-13:30	Lunch Break

22.06.2018	Friday	HALL A

	Chair: Sertan Alkan	
	Authors	Titles
	Ilhame Amirali	Various Numerical Methods for Singularly Perturbed Problems
	Abdolali Neamaty	A class of the Sturm-Liouville operator for analysis of embankments
	Selahattin Maden	New Type Integral Inequalities for Fourth Times Differentiable Preinvex Functions
13:30-15:30	Selahattin Maden	Some New Integral Inequalities for n-Times Differentiable Strongly r-Convex Functions
	Selahattin Maden	Some Representations for Drazin Inverse of 2x2 Blok Partitioned Matrices
	Hazem Khanfar	Mathematical Modeling of Negative Capacitance Observed in Ag/In2Se3/CdS/CdSe/C Dual Band Stop Filters
	Mohammed Awad	Urban Water Demand Prediction Using Multilayer Perceptron Neural Networks Compared With ARIMA Model
	Amin Boumenir	Identification of a wave equation by a single measurement on the boundary

15:30-16:00	Coffee Break

22.06.2018	Friday	HALL A

	Chair: Sertan Alkan	
	Authors	Titles
	Hamid Baghani	Discontinuity and fixed points in incomplete metric spaces
	Rahal Mohamed	Deterministic global optimization method for multivariate H\"{o}lder functions on a hyper-rectangle trough parameterized curves
	Nur Idayu Alimon	The Topological Indices of Non-commuting Graph for Two Finite Groups
16:00-18:00	Reguig Bendoukha Abdelkarim	Synthesis and Characterization of Conducting Polymers and Soluble Application in Organi Photovoltaic Cells
	Aqilahfarhana Abdul Rahman	Closure Properties of Static Watson-Crick Regular Grammars
	Riane Houaria	Optical Gain in Antimonide Quantum Well
	Abdourazek Souahi	On the analysis of existence and uniqueness of a fuzzy differential equation on time
	Mukhtar Youssif	Composition operators on some complex-valued function spaces

22.06.2018	Friday

10:00-11:00	Opening Lectures -HALL A Chair: Dumitru Baleanu	
	Authors	**Titles**
	Seifedine Kadry	Analytical Solutions of PDF with engineering applications
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11:00-11.30	**Coffee Break**

11:30-12:30	Opening Lectures -HALL A Chair: Dumitru Baleanu	
	Authors	**Titles**
	Dumitru Baleanu	How to treat nonlocality with fractional calculus
	Fatimah Abdul Razak	Persistent Homology on Malaysian Data Sets

12:30-13:30	**Lunch Break**

22.06.2018	Friday	**HALL B**

13:30-15:30	**Chair: Samet Erden**	
	Authors	Titles
	Orhan Zeybek	Modelling of the Magnetic Field and Flux Distribution by Finite Element Method
	Nurhan Öner	Model Recommendation for Operating Room Scheduling and Surgeon Assignment
	Sahsene Altinkaya	Applications of the (p,q)-Lucas polynomials to certain subclasses of bi-univalent functions involving subordination
	Rabah Hacene Bellout	Numerical Approximation with Infinite Elements for Exterior Problems.
	Messast Salah	A simple shape of the envelop function for the simulation of earthquakes
	Ahmed Mohammed	Gresilient Purchasing: A MADM approach
	Abdelkader Maddi	Using Weighted Recursive Least Squares Algorithm for ARX Model
	Malika Chikhi	Methods for multinomial ordinal response

15:30-16:00	**Coffee Break**

22.06.2018	Friday	**HALL B**

16:00-18:00	**Chair: Samet Erden**	
	Authors	Titles
	Imene Touil	A primal-dual interior point method for semidefinite programming problems based on a new efficient kernel function with trigonometric term
	SEGHIRI Sarra	Fixed point theorems for new types of contractions in cone metric spaces
	Zarina Bibi Ibrahim	Solving Stiff Ordinary Differential Equations by Block Backward Differentiation Formulas
	Taoufik Sabar	On best proximity point for tricyclic mappings
	Mohamed Anis Haddouche	Covariance matrix estimation of an elliptically symmetric distribution in high dimensional setting
	Dina Agustina	Comparison of Standard Deviation, Value at Risk and Expected Loss Deviation Estimation for Single Asset Return in Indonesia Financial Market
	Hamid Baghani	Orthogonal sets and an equivalent form of The axiom of choice
	Imane Melzi	About A Time Discretization of A New Mathematical Model of Two-Phase Flow in Nanoporous Media

22.06.2018	Friday	

	Opening Lectures -HALL A	
	Chair: Dumitru Baleanu	
10:00-11:00	Authors	Titles
	Seifedine Kadry	Analytical Solutions of PDF with engineering applications
	Herbert E. Huppert FRS	How long does it take to get there

11:00-11.30	**Coffee Break**

	Opening Lectures -HALL A	
	Chair: Dumitru Baleanu	
11:30-12:30	Authors	Titles
	Dumitru Baleanu	How to treat nonlocality with fractional calculus
	Fatimah Abdul Razak	Persistent Homology on Malaysian Data Sets

12:30-13:30	**Lunch Break**

22.06.2018	Friday	HALL C

	Chair: Hasan Dalman	
	Authors	Titles
	Duygu Donmez Demir	The Solution of the Governing Equation of the Beam on Linear Spring Foundation Modeled by a Discontinuous Function
	Duygu Donmez Demir	Some inequalities for n-times differentiable s-convex and tgs-convex functions
	Paian Sianturi	Development of Mathematical Model By Using Flow-Compartment Basis of Dengue Fever Outbreak
13:30-15:30	Amina Boucenna	Existence of solutions for fractional boundary value problem of Kirchoff type via critical point theory
	Abdul Rauf	On Direct Products of α1 Near-rings
	Ahmed Senoussi	Modelling and solving an integrated production-distribution problem with full truckload
	Amel Redjil	Some Aspects of Stochastic Control Theory
	Nemat Abazari	A Not on the Weakly Berwald 4-th Root Metric

15:30-16:00	**Coffee Break**

22.06.2018	Friday	HALL C

	Chair: Hasan Dalman	
	Authors	Titles
	Fadhila Laid	On Permutation Polynomials Over Finite Fields
	Sevgi Almalı	On a Weighted Approximation Procedure of Nonlinear n-Dimensional Integral Operators
	Farheen Ibraheem	Constrained Data Modelling Using Trigonometric Functions
16:00-18:00	Chewki Ougherb	Theoretical study of ThGeO4 compounds as a new host material
	Abdelkarim Ferouani	Chemical kinetics for Nox removal from flue gases at atmospheric pressure
	Abdul Rahman S. Juma	A Study of Certain Subclass of Harmonic Non- Bazilevi´c Functions of Order gama
	Gülay Özkan	Implementation of Fuzzy Logic to Thermal Comfort
	Bouharati Saddek	Intelligent radiation modeling in radiotherapy

22.06.2018	Friday

10:00-11:00	**Opening Lectures -HALL A** **Chair: Dumitru Baleanu**

Authors	Titles
Seifedine Kadry	Analytical Solutions of PDF with engineering applications
Herbert E. Huppert FRS	How long does it take to get there

11:00-11.30	**Coffee Break**

11:30-12:30	**Opening Lectures -HALL A** **Chair: Dumitru Baleanu**

Authors	Titles
Dumitru Baleanu	How to treat nonlocality with fractional calculus
Fatimah Abdul Razak	Persistent Homology on Malaysian Data Sets

12:30-13:30	**Lunch Break**

22.06.2018	Friday	HALL D

13:30-15:30	**Chair: Yalçın Çekiç**

Authors	Titles
Gülay Özkan	A fuzzy neural network model for predicting thermal comfort conditions in casting workshops
Muhammad Hanif lakho	To Study The Effect of Different Factors on Sugarcane Productıon in Sindh: A Regressıon Analysis
Louiza Haddad	Management and valorization of urban solid waste in Technical burying center: Batna TBC case study.
Akindele Michael Okedoye	Unsteady Oscillatory Mhd Boundary Layer Flow Past A Moving Plate With Mass Transfer and Binary Chemical Reaction
Moussa Anoune	Accelerating numerical computations in slow iterative loops using the secant method
Slimane Zaiem	Non-commutative geometry and application to Schrödinger Differential equation
Ahcene Bouzida	Voltage Stability Improvement of Wind Farm Using STATCOM
Hakima Bouhadjera	More General Common Fixed Point Theorems Under A New Concept

15:30-16:00	**Coffee Break**

22.06.2018	Friday	HALL D

16:00-18:00	**Chair: Yalçın Çekiç**

Authors	Titles
Rehouma Abdelhamid	Asymptotic behaviour of the polar orthogonal polynomials over the unit circle
Khaled Harrar	Synthesis of isotropic surfaces using fractional Brownian motion
Muhammad Qiyas	Linguistic Picture Fuzzy Sets and Their Application in Multi-Attribute Decision Making Problems
Wan Zariman Omar	Finding An Annihilator(S) For Algebraic Analysis of Boolean Function of Selected Stream Ciphers
Assia Guezane-Lakoud	Existence of solutions for a mixed fractional boundary value problem
Bruno Onyekachi Onyemegbulem	Using Homotopy Analysis Method (Ham) in Computation of A Two Straın (Seir) Tuberculosis Model
Abdessatar Barhoumi	An Information Complexity index for Probability Measures on IR with all moments
Adyda Ibrahim	The Structure of a Market with Barrier-to-Entry and Boundedly Rational Firms

23.06.2018 Saturday		
10:00-11:00	**Opening Lectures -HALL A** **Chair: Nuran Güzel**	
	Authors	Titles
	Azam Imomov	On asymptotic behavior of critical Galton-Watson Branching Processes with possibly infinite variance and Immigration component
	Mahmoud Abdel Aty	Entanglement of Nanoresonators
11:00-11.30	**Coffee Break**	
11:30-12:30	**Opening Lectures -HALL A** **Chair: Nuran Güzel**	
	Authors	Titles
	Huseyin Cakalli	Compactness and continuity via sequences
12:30-13:30	**Lunch Break**	

23.06.2018 Saturday	HALL A	
13:30-15:30	**Chair: Mehmet Akif Şenol**	
	Authors	Titles
	Dilek Erkmen	A Deferred Correction with Penalty Projection Method for Magnetohydrodynamics
	Sema Yayla	Attractors of the semilinear plate equation in R^n
	Zehra Şen	Long Time Dynamics of The Strongly Damped Wave Equatıon Includıng P-Laplacıan Term
	Gülçin Bektur	A Combined Approach for Sustainable Supplier Selection: A Case Study for A Manufacturing Firm
	Merve Yücel	Solution of Boundary-Value-Transmission Problems by Applying Adomian Decomposition Method
	Merve Yücel	Applying Adomian Decomposition Method to Solve Bratu Problem with Transmission Conditions
	Şükran Uygun	On the bounds for the spectral norms of geometric circulant matrices with (s,t) Jacobsthal and (s,t) Jacobsthal Lucas numbers
	Hasan Karataş	The Bivariate Jacobsthal and Jacobsthal Lucas Polynomial Sequences
15:30-16:00	**Coffee Break**	

23.06.2018 Saturday	HALL A	
16:00-18:00	**Chair: Mehmet Akif Şenol**	
	Authors	Titles
	Fadime Gökçe	Some Matrix Transformations of The Space $|C_{(\lambda,\mu)}|$ (p) and Its Applications
	Fadime Gökçe	Absolute Summability Factors Related to The Summability Methods$|N,p,\theta|(\mu)$ and Its Applications
	Neslihan Ozdemir	Solution of the epidemic model by Hermite collocation method
	Neslihan Ozdemir	Galerkin analysis for Fractional Delay Differential Equations by Modified Laguerre wavelets
	mohammed kada kloucha	Optimal control for elliptic partial equation
	Mustafa Alheety	On the Weighted Mixed Almost Unbiased Liu Type Estimator
	Sana Javed	Stability analysis of osteoporotic and osteomyelitic bone turnover
	Osman Yildirim	Electric current mechanism in polyaniline structures

23.06.2018 Saturday		
10:00-11:00	**Opening Lectures -HALL A** **Chair: Nuran Güzel**	
	Authors	Titles
	Azam Imomov	On asymptotic behavior of critical Galton-Watson Branching Processes with possibly infinite variance and Immigration component
	Mahmoud Abdel Aty	Entanglement of Nanoresonators
11:00-11.30	**Coffee Break**	
11:30-12:30	**Opening Lectures -HALL A** **Chair: Nuran Güzel**	
	Authors	Titles
	Huseyin Cakalli	Compactness and continuity via sequences
	S. Melike Aydogan	A note on metric type spaces
	F. Müge Sakar	Coefficient Estimates on Certain Subclasses of Bi-univalent Functions Associated with Generalized Sălăgean Differential Operator
12:30-13:30	**Lunch Break**	
23.06.2018 Saturday	**HALL B**	
13:30-15:30	**Chair: Kaan Okatan**	
	Authors	Titles
	Oznur Ozkan Kilic	Coefficient estimates for a certain subclass of Janowski type functions associated with respect to symmetric points
	Abidin Kilic	The Study of Classics Particles' Energy at Platonic Solids with Clifford Algebra
	Ebru Ergun	On an Inverse Problem for Two Spectra
	Dilek Varol Bayram	A Method for Conformable Fractional Volterra Integrodifferential Equations
	Dilek Varol Bayram	Solution of the Fractional Fredholm Integrodifferential Equations by Chebyshev Polynomials
	Burcin Kulahcioglu	A Discrete-time Holling Type II Model with Allee and
	Ahriche Aimad	An improved Simulation Tool for Direct torque control of five-leg inverter-dual induction motor
	Venkata Mohan Reddy P	Oscillation Criteria For A Class of Nonlinear Neutral Generalızed A−Dıfference Equatıons
15:30-16:00	**Coffee Break**	
23.06.2018 Saturday	**HALL B**	
16:00-18:00	**Chair: Kaan Okatan**	
	Authors	Titles
	Deddy Rahmadi	The k-metric dimension of double fan graph
	Yakup Çelikbilek	Whitenization in Grey Multi Criteria Decision Making Problems
	Yakup Çelikbilek	Application of ELECTRE Method Under Uncertainty: A Grey Based ELECTRE Approach
	Hadj Balltach	Chromium doped alkali oxide K2O : A DFT calculation
	Hasan Akın	New Free energies and entropies of Ising model on arbitrary order Cayley tree
	Shahid Ahmad Wani	Certain properties of extended Sheffer polynomials
	Sebahat Ebru Das	Legendre Matrix Method For Solving A Class of Integral Equations
	Sebahat Ebru Das	Haar Wavelet Collocatıon Method For The Solutıon Of A Class Of Fractıonal Order Dıfferentıal Equatıons

23.06.2018 Saturday		
10:00-11:00	**Opening Lectures -HALL A** **Chair: Nuran Güzel**	
	Authors	Titles
	Azam Imomov	On asymptotic behavior of critical Galton-Watson Branching Processes with possibly infinite variance and Immigration component
	Mahmoud Abdel Aty	Entanglement of Nanoresonators
11:00-11.30	**Coffee Break**	
11:30-12:30	**Opening Lectures -HALL A** **Chair: Nuran Güzel**	
	Authors	Titles
	Huseyin Cakalli	Compactness and continuity via sequences
12:30-13:30	**Lunch Break**	

23.06.2018 Saturday	HALL C	
13:30-15:30	**Chair: Sebahat Ebru Das**	
	Authors	Titles
	Yadigar Sekerci Fırat	Spatial Distribution of Predator-Prey System with Varying Mortality Rate
	Younes Benarioua	Determination of Absolute Hardness of Thin Films by Models Application
	Süleyman Öğrekçi	On the Stability Problem of Differential Equations in the Sense of Ulam
	Rafiqah Setiawaty	Dynamical System of HIV Among Two High-Risk Population
	Ghania Benhamida	Existence and non-uniqueness of local similarity solutions for forced convection boundary layer flow in a saturated porous medium
	Abdurrachman Rahim	On Harmonious Labeling of Triangular Bridge
	Tolga Ensari	Stability Analysis of Neural Networks with Lyapunov Theorem
	Darlena	Graceful Labeling on Join of Complete Bipartite Graph K2,n and Zigzag Graph
15:30-16:00	**Coffee Break**	

23.06.2018 Saturday	HALL C	
16:00-18:00	**Chair: Sebahat Ebru Das**	
	Authors	Titles
	Gusti Arviana Rahman	Applied of DTMC Stochastic Model on The Spread of Infectious Disease CA-MRSA in States Prisons
	Sigit Sugiarto	Dynamical System For Ebola Outbreak Within Quarantıne And Vaccination Treatments
	Huseyin Kocayigit	On The Differential Equations of Lorentzian Spherical Timelike Curves İn Minkowski Space-Time
	Fernane Khaireddine	Numerical approach for solving the Fredholm integral equations of the second type
	Yasemin Bakir	Application of Legendre Wavelet Collocation Method for Numerical Solution of Sine-Gordon Equation
	Yasemin Bakir	Comparison of Numerical Solutions of the Nonlinear Korteweg-de Vries Equation using by LWCM and CWCM
	Bahriye Karaca	Dirichlet Problem For Equation Of Second Order Partial Differential Equations in C^2
	Gökçe Kılıçkaya	Simulation Modeling and Analysis: An Application in the Service Sector

23.06.2018 Saturday		
10:00-11:00	**Opening Lectures -HALL A** **Chair: Nuran Güzel**	
	Authors	Titles
	Azam Imomov	On asymptotic behavior of critical Galton-Watson Branching Processes with possibly infinite variance and Immigration component
	Mahmoud Abdel Aty	Entanglement of Nanoresonators
11:00-11.30	**Coffee Break**	
11:30-12:30	**Opening Lectures -HALL A** **Chair: Nuran Güzel**	
	Authors	Titles
	Huseyin Cakalli	Compactness and continuity via sequences
12:30-13:30	**Lunch Break**	
23.06.2018 Saturday	**HALL D**	
13:30-15:30	**Chair: Muslum Ozisik**	
	Authors	Titles
	Siham Ghiatou	On the function number of the generalized divider d_k
	Nurdan Yıldız	A Multi-Criteria Decision Model for the Performance Evaluation of Financial Organizations: A Case of Turkey
	Nurdan Yıldız	A Multi-Objective Decision Model for Evaluating Energy Sources
	Hasan Dalman	A Hybrid Method for the Fuzzy System MCDM Problems with Interactive Criteria
	Tutku Tuncali Yaman	Modeling Study on The Effects of Maritime Transportation on Turkey's Economy
	Sultan Zeybek	Using of Programming Skills in Teaching Discrete Mathematics
	Sultan Zeybek	Classification of EEG Signals for Detection of Epileptic Seizures by Using PyEEG Module and The Bees Algorithm
	Mutlu Akar	Skin Lesion Features Vectors Projection Into Clifford Algebra Sub-Spaces
15:30-16:00	**Coffee Break**	
23.06.2018 Saturday	**HALL D**	
16:00-18:00	**Chair: Muslum Ozisik**	
	Authors	Titles
	Bahriye Karaca	Dirichlet Problem For Equation of Fourth Order Partial Differential Equations in Two Dimensional Complex Space
	Ayşegül Çiğdem Adıgüzel	Determination of the Surface Energy of a Chalcone-Based Polymer by IGC Method
	Messaoud Bourezane	An efficient formulation for linear and geometric non-linear Strain based cylindrical shell elements
	Bahar Kalkan	Kinematic Analysis and Matlab Applications of 2-3rrr Mechanism Chain
	Selvi Altun	Numerical solution of linear and non-linear fractional differential equations by the Legendre wavelet operational matrix method
	Selvi Altun	The Legendre wavelet operational matrix method: An efficient approximation for solving fractional order Brusselator system
	Marsudi Marsudi	Optimal Control and Cost-Effectiveness Analysis of HIV Model with Educational Campaign and Antiretroviral Therapy
	Hakan Adiguzel	Oscillation theorems for q-fractional difference equations

24.06.2018	Sunday	HALL A	

10:00-11:00	**Chair: M. Ali Barışkan**		
	Authors	Titles	
	Gülden Gün Polat	Application of Current and Present Value Hamiltonian for Solving Optimal Control Problems	
	Hakan Adiguzel	A Note on the Oscillation of Fractional Neutral Differential Equations	
	Nurcan Baykus Savasaneril	Taylor-Lucas Matrix-Collocation Method for Solving a Class of Neutral Functional Differential Equations with Proportional Delays	
	Nurcan Baykus Savasaneril	A Numerical Algoritm for Solution of First Order Nonlinear Differential Equations with Variable Delays by Means of Lucas Series	

| 11:00-11.30 | **Coffee Break** | | |

11:30-12:30	**Chair: M. Ali Barışkan**		
	Authors	Titles	
	Veli Shakhmurov	The local and global dynamics of a cancer tumor growth with multiphase structure and treatment model	
	Hakan Adiguzel	Non-Uniform Haar Wavelet Operational Matrix Method for Numerical Solution of Fractional Differential Equations	
	Adem Cevikel	Bright and Dark Soliton Solutions of Some nonlinear Equations	
	Tuğçem Partal	Numerical Simulation of the Heston Model	

| 12:30-13:30 | **Lunch Break** | | |

24.06.2018	Sunday	HALL A	

13:30-15:30	**Chair: Umur Kuriş**		
	Authors	Titles	
	Gulsen Orucova Buyukoz	Numerical Approximations on Nonlinear Stochastic Differential Equations	
	Gulsen Orucova Buyukoz	Stochastic Delay Differential Equations with Numerical Solutions	
	Saba Ozge Kaya	Hermite Polynomial Approach for A Class of Nonlinear Ordinary Differential Equations and Residual Error Estimation	
	Hasan Dalman	Multicriteria optimization model for choosing of basic wavelet functions: Interval Type-2 Intuitionistic Fuzzy Logic	
	Yilmaz Tuncer	Darboux Vector and Stress Analysis of Winternitz Frame	
	Huseyin Kocayigit	Special Curves in Euclidean 3-Space According to Bishop Frame	
	Burhaneddin İzgi	Application of the Lie Symmety Analysis to the Hull-White Stochastic Differential Equation	
	Burhaneddin İzgi	A New Notion of Transitive Relative Return Rate and Its Applications Using Stochastic Differential Equations	

| 15:30-16:00 | **Coffee Break** | | |

24.06.2018	Sunday	HALL A	

16:00-18:00	**Chair: Umur Kuriş**		
	Authors	Titles	
	Ergun Eray Akkaya	Forecasting of Renewable Energy Sources' Efficiency in Trakya Region by Using Artificial Neural Networks via Matlab	
	Gulsemay Yigit	Chebyshev Differential Quadrature for Quasilinear Hyperbolic Equations	
	Muslim Ozisik	An Irrational function proposal for logarithm calculation	
	Mutlu Akar	Skin Lesion Features Vectors Projection into Clifford Algebra Sub-Spaces	
	S. Ebru Das	Haar Wavelet Collocation Method for the Solution of Logistic Growth in Population	
	Gokhan Altan	An Application of Steady Deep Autoencoding Algorithm on Analysing Multi-channel Lung Sounds for classication of COPD	
	Selya Açıkel	Three-Dimensional Modeling and Localization Using Lidar Sensor in Autonomous Robots	
	Sertan Alkan	Comparison of sinc methods to solve boundary value problems based on the conformable fractional derivative	

24.06.2018	Sunday	HALL B	
10:00-11:00	**Chair: Gülsemay Yiğit**		
	Authors	Titles	
	Sertan Alkan	Approximate solutions of the model of pollution for a system of lakes	
	Sertan Alkan	A numerical approach to solve the model of an electromechanical system	
	Mohanad Alkhasawneh	Social and Behavioral Risk Factors Influencing Driver's Involvement in Traffic Accidents in Qatar	
	Eren Arslan	Numerical solution of the model of an electromechanical system	
11:00-11.30	**Coffee Break**		
11:30-12:30	**Chair: Gülsemay Yiğit**		
	Authors	Titles	
	Belounar Lamine	Numerical plate bending analysis with a strain based finite element	
	Ahmet Emin Kurtoglu	ANFIS based Prediction of Cubic Compressive Strength of Concrete with Various Filler Materials	
	Anıl Nış	Neural Network Modeling of Compressive Strength of Concrete Incorporating Dierent Filler Materials	
	Mehmet Ertem	Convergence Analysis Study to Determine Required Number of Scenarios to Represent Uncertainty of Sequence Dependent Setup Times for Machine Scheduling Problem	
12:30-13:30	**Lunch Break**		
24.06.2018	Sunday	HALL B	
13:30-15:30	**Chair: Tuğçem Partal**		
	Authors	Titles	
	Sara Badur, Veyis Turut	Nonlinear Solutions of Conformable Fractional Differantial Equation	
15:30-16:00	**Coffee Break**		
24.06.2018	Sunday	HALL B	
16:00-18:00			
	Authors	Titles	

Abdelghani Naceri	Modelization of the Mechanical Response of Glass Fabric Fiber / Epoxy Resin Subjected at Hygrothermal Environment
Abdelhalim Mekhtiche	Numerical Modelisation of The Lateral Spread of ions Through Matter
Abderrezak Moulai	Existence result for quasilinear singular elliptic system with p-Laplacian in non operative case
Abdesselam Hocini	Investigation of refractive index biosensor built with photonic crystal microcavity
Ahsene Lanani	Relationship between the fixed point theorem and the EM algorithm
Ali Djerioui	Model Predictive Control Based Energy Management Strategy of a Hybrid Electric Vehicle
Alimi Latifa	Study of the reliability of a composite used in the knee prosthesis
Allag Fateh	Air pollutants and lung cancer: intelligent analysis
Amina Boughaba	A Neural Network Model for Risk Management in Construction Projects Estimation
Amina Ghomri	Molecular Docking and Structure-Based Drug Design Studies on a Series of Melatonin Derivatives interaction with MT2 Receptor
Amira Otmani	Mathematical Approach for Operating Maintenance Projects Costs
Aouine Ahmed Chaouki	Common fixed point theorem for four mappings satisfying a generalized condition in partially ordered complete metric spaces
Asma Karboua	Forecasting Masonry Construction Productivity in Algeria Using Artificial Neural Network
Atika Matallah	Positive Solutions for a Critical Elliptic Non Local Problems
Ayşegül Çiğdem Adıgüzel	A Study on Thermodynamic Properties by IGC Method for a New Chalcone-Based Polymer
Bedoud Khouloud	Study of Substrate Temperatures effects on Optical TiO_2 Nano-films Properties deposited by RF Magnetron Sputtering for Gas Sensor application
Belkacem Ould Said	Numerical Study Of Conpined Natural Convection With Surface Radiation in A Cylindrical Annular Cavity
Benalia Kouini	Water Absorption of Polymer/clay Nanocomposites Model Development
Benheniche Abdelhak	State Estimation of Induction Motor: Lyapunov, Circle Criterion and LMI Approaches
Bensmail Samia	Modeling and simulation of a photovoltaic pumping system optimized by adaptive fuzzy logic
Betül Albayin	Calculation of Performance Measurements With Fuzzy Approach Assıstance in G_I / G / K Queue Model
Bounechada Mustapha	Fuzzy analysis of CT-scan images of hepatic parasitosis
Bouras Mounir	Geometry optimization of magneto optical rib waveguides using the genetic algorithm method
Changchun Wang	A New Machine Learning Approach to House Price Estimation
Djallel Mahdi	Evaluation of Standard Deviation of Path length ions from fluctuation density in amorphous materials
Djamel Khedrouche	Application Directivity Enhancement of Microstrip Antenna Using New AMC Ground Plane for Millmeter-Wave Application
Djamel Sayad	Spectral Moment Method Modeling of Wave Propagation in Anisotropic Dielectric Materials : Application to a Microstrip Line Structure.
Djamel Sebbar	Simulation of the losses in Waveguide Cladding of semiconductor laser based on GaAS/AlGaAS Superlattice
Djamila Kherbouche	Theoretical Study of the physical proprieties of some Organic Dyes for used as Sensitizers in Molecular Photovoltaics
Ecem Acar	Approximation Properties of King Type Szasz-Mirakyan and Durrmeyer-Chlodowsky Operators
Elif Ecem Akbaba	Investigation EEG Signals With Various Stimulants
Esma Kenef	Impulsive fractional differential equations with delay
Esma Kenef	On fractional differential equations with impulse effect
Farid Nouioua	Periodic Solutions for aThird-Order Nonlinear Delay Differential Equation with Variable Coefficients
Farid Tafinine	Application of stokwell transform to detection and classification of bearings faults in electrical machine
Farida Berhoun	Fractional Differential Inclusions with Strum-Liouville boundary conditions
Fatima Fenizri	On fractional differential equations with delay
Fatima Fenizri	Existence of Solutions for Nonlinear Boundary Value Problems

Fatima Zohra Benlahreche	Spectroscopic characterization and data analysis of treated C22 steel surface
Guettal Djaouida	Efficiency of the Alienor reducing method using the Branch-and-Bound technique for a non-convex global optimization
Hafsa Alyas	Feedback loops and boolean formalization of bone regulatory networks
Hamaidi Brahim	Mathematical Risk Assessment Model to Assess The Occurrence of Each Event of Rısks of Fire and Explosıons of Pipelines
Hamaidi brahim	A Mathematical Model for the Detection of Isolatıon State Faults of Electrical Networks
Hamza Bennacer	First-principle calculation of optical properties of ZnXP2 (X=Si, Ge, Sn) using the TB-mBJ approach.
HELAL Mohamed	Fractional Order Perturbed Partial Hyperbolic Functional Differential Equations with State-Dependent Delay
Hmida Latelli	EMF evolution with time in refining synthetic glasses at temperature between 1200 and 1400°c
Imene Touil	Complexity analysis of a primal-dual interior point method for semidefinite programming based on a new kernel function
Imene Touil	A primal-dual interior point method for semidefinite programming problems based on a new parametric kernel function
Ismail Ghadbane	Performances of Backstepping Controller of Three-Phase hybrid Shunt Active Power Filter
ismail ghadbane	Experimental Comparative implimention Study of Backstepping and Proportional Integral Controller of Three-Phase Shunt Active Power Filter
Jumana H. S. Alkhalissi	Numerical solution of fractional order PDEs using Gegenbauer wavelet
Karima Boukerma	Computational Fluid Dynamics (CFD) modeling of heat transfer performance of nanofluid
Kezzar Mohamed	Radiation Effect on Heat Transfer Of a Second Grade Fluid Between Nonparallel Plane Walls : Numerical and Analytical Solution
khentout abdelkader	Mathematical modeling of the penetration rate of the drilling bit (PDC) in calcareous rocks
Khettab Khatir	Enhancing Fuzzy Adaptive Fractional-Order Controllers for Synchronization of Uncertain Fractional Dynamic Systems with known and unknown control direction
Kimouche karima	Mean square error of spectral density estimates in Z d
Kun-Yi Hsin	Application of machine learning systems to predict molecule binding potentials for drug discovery
Lakhfif Faycal	A Numerical Investigation on the Characteristics of Diesel
Loubna Settara	An inverse coefficient-source problem for a time-fractional diffusion equation
Mahiéddine Kouche	Mathematical Analysis of an HIV Infection Model Including Quiescent Cells and Periodic Antiviral Therapy
Manel Belksier	Fractional Brownian Motion under G expectaion
Megrous Amar	An Antiplane Contact Problem With Friction: Caseelectro-Mechanical Material
Mehmet Meşe	Parameter Estimation and Model Selection in Logistic and Poisson Regression
Mekki Maza	Optimization of the mechanical strength of the micro-concrete by the partial replacement of limestone aggregates by crushed glass
Melis Güneri	A Classification according to the Addresses of Points of Some Fractals
Merchela Wassim	About Arutyunov Theorem of Coincidence Point For Two Mapping in Metric Spaces
Messaoud boureghda mohamed zine	Removal of directs dyes from wastewater by cotton fiber waste (Models of kinetics adsorption)
Mohamed Chaour	Numerical analysis of quenching heat treatment: Effect of cylinder diameter on the hardness
Mohamed Chaour	Distance effects between blocks on turbulent mixed convection application to the ventilated enclosures
Mohamed Fenni	Modeling the Fuzzy Effect of Weeds
Mohamed Ladjal	Water parameters optimization based on NCA and SVM for classification
Mohamed Ouadjaout	On a Non Linear Optimization Problem. A Quadratic Programming Problem
Mohamed Rahou	Optimization and modeling of manufacturing tolerances under the constraint of geometric errors
Mohammed Belloufı	New three-term conjugate gradient algorithm for large-scale unconstrained optimization problems
Mokhtar Nebab	Free vibration of functionally graded materials plates porous resting on elastic foundation
Mokhtar Nebab	Static analysis of functionally graded plates resting on elastic medium
Murat Sağır	Exploratory and Normative Methods in Technology Forecasting

Nabila Bouderdara	study of physical and mechanical properties of HDPE/Carbon black
Nassera Ouslimani	Water Absorption of Polymer/clay Nanocomposites Model Development
Nihal Ata Tutkun	A Combined Approach: Coplot and Variable Selection Methods in Cox Regression Model for Survival Data
Norfifah Bachok	A Stability Analysis of Solutions in Boundary Layer Flow and Heat Transfer of Carbon Nanotubes over a Moving Plate with Slip Effect
Noubeil Guermat	Study and simulation of response time for diffusion water molecule into a thin film of tetraethoxysilane
Noubeil Guermat	Influence of the substrate temperature based of ZnO thin films prepared by ultrasonic spray pyrolysis
Omar Bennihi	Controllability results for solutions of fractional differential equations with state dependent delay in Fréchet Spaces
Othmane Cherroud	Wigner's distribution functions with position-dependent effective mass
Öykü Bilgin	Evaluation of X_Ray and Element Analyzes Contents According to Microanalysis Test Results of Oltu Stone Samples
Rahima Benchabi Lanani	The Effects of Physical Parameters on The Forced Convective Heat Transfer and Fluid Flow in Corrugated Channel
Rahima Boulechfar	Theoretical investigation of the structural stabilities, elastic, electronic and thermodynamic properties of Pd3Sc and Pd3Y compounds
Romyla Bourouba	kinetic studies on the binding of I 125 labeled anti-prolactin antibody to prolactin in spleen homogenate
Samir Zeghlache	Dynamic Modeling and Sliding mode Control of a Modified Quadrotor UAV
Samira Ramdane	On the existence of solutions for a system of fractional differential equations
Samira Ramdane	Positive solutions for systems of fractional differential equations
Sara Litimein	Non-Instantaneous Impulsive Fractional integro-differential Equations with infinite Delay
Sara Litimein	Existence of Mild Solution for fractional integro-differential equations with non instantaneous impulses
Sara Stihi	Existence and uniqueness of the solution of G-matrix stochastic differential equation
Sebhi Amar	Optimization of the roughness of a milled surface and cutter tools wear according to cutting parameters by applying the TAGUCHI method.
Sellami Badreddine	Global convergence of a modified Fletcher–Reeves conjugate gradient method with Wolfe line search
Selma Meradji	Stochastic differential equations for eigenvalues and eigenvectors of a G-Wishart process with drift
Sevgi Kansız	Crystal structure and Hirshfeld surface analysis of 8-acetyl-9-(4-methoxyphenyl)-7-methyl-2-phenyl-2,3,4a,9b-tetrahydropyrido[3',2':4,5]thieno[3,2-d]pyrimidin-4(1H)-one
Sevilay Kirci Serenbay	Approximation properties of the Jain Operator of Max-Product Kind
Sidi Mohammed Nadjib Serdoun	Thermo-Elastic Study of Sandwich Plates by Alternative Hierarchical Finite Element Method Based on Reddy's C1HSDT
Siti Hasana Sapar	Exponential Sums Associated with some Quartic Polynomial
Sofiane Haireche	Electronic and optical properties of ZnO thin films deposited on glass substrates by PECVD
TELLI Abdelmoutia	OBDA approach for modelling a street network
Warda Daranfed	Study and modeling of the transient of water molecule in the thin film humidity sensors
Warda Daranfed	Investigation of properties thin films ZnO deposited with ultrasonic spray pyrolisis
Yahya Güzel	4D-QSAR and Molecular Docking Studies on Thiosemicarbazones and 1,3-thiazoles with Antitumor Activity
zeroual aouachria	Study of a solar collector: Influence of the inclination on its performance and functioning
Zine El Abidine Rahmouni	Study of the rupture behavior of Cellular glass by the quadratic criterion