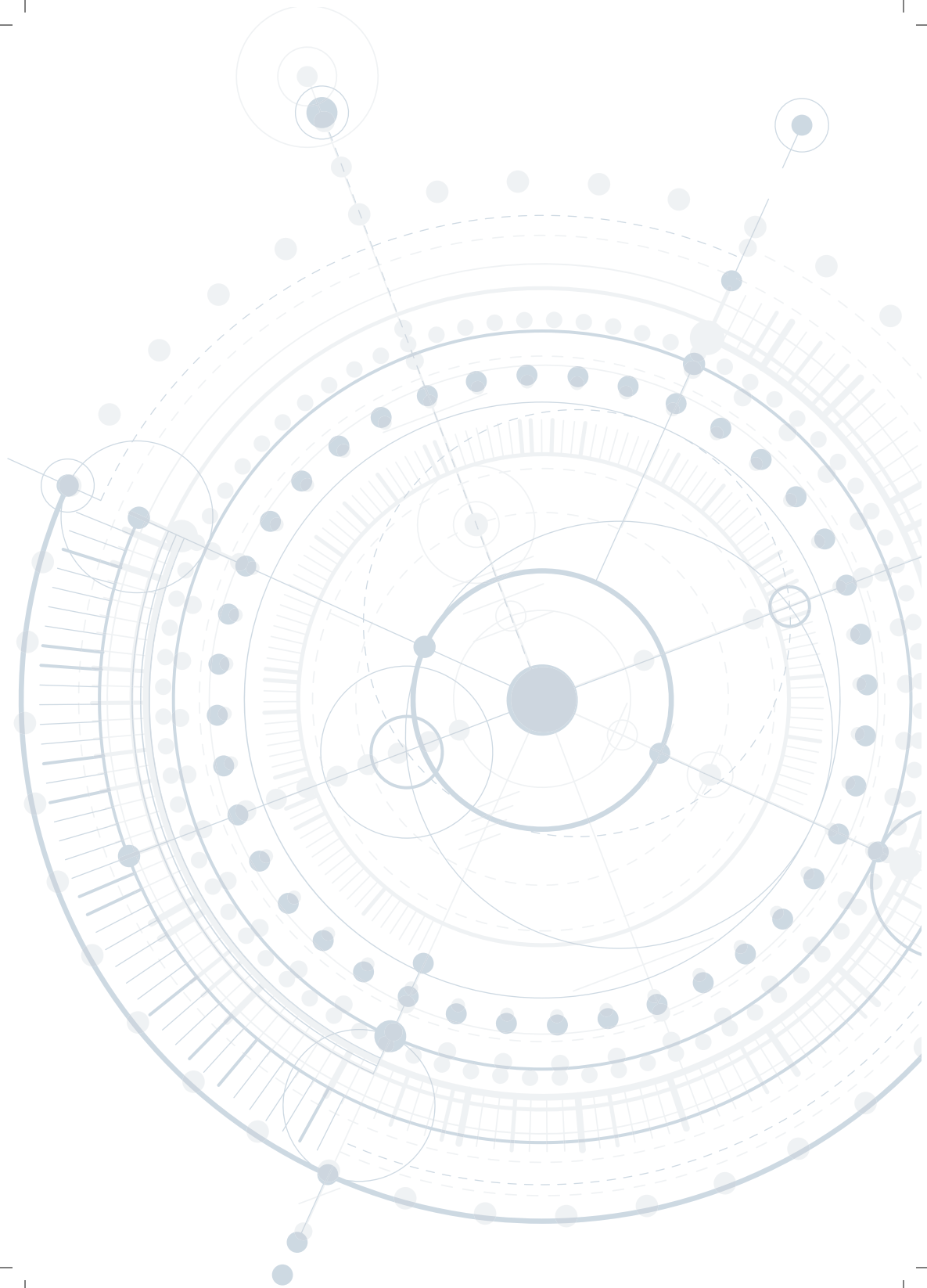




III.  
International Conference  
on Mathematics:  
An Istanbul Meeting  
for World Mathematicians  
3-5 July 2019

Location:  
Fatih Sultan Mehmet Vakıf University  
Istanbul, Turkey.







### **III.**

# **International Conference on Mathematics: An Istanbul Meeting for World Mathematicians**

Conference Chairman  
Assoc. Prof. Dr. Kenan Yıldırım

ICOM 2019 ORAL PRESENTATIONS/SALOON A	
WEDNESDAY - 3 JULY 2019	
08.30-10.00	Registration
10.00-10.20	Chairman Welcome's Speech
10.20-11.00	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
11.00-11.40	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
11.40-13.00	Lunch
13.00-15.00	Presentations(Applied Mathematics)/Chair:Mehmet Şenol
13.00-13.15	Ruhaila Md Kasmani, Magnetohydrodynamic Sakiadis Flow of Williamson Fluid over a Horizontal Plate with Cattaneo-Christov Heat Flux Model
13.15-13.30	Burak Oğul, Solution of the Maximum of Difference Equation $x(n+1)=\max[A/x(n-1), y(n)/x(n)]$ ; $y(n+1)=\max[A/y(n-1), x(n)/y(n)]$
13.30-13.45	Burak Oğul, Solution of the Rational Difference Equation $x(n+1)= x(n-11)/[1+x(n-3)x(n-7)]$
13.45-14.00	Gökçe Yıldız, Bell polynomial solutions of high order linear Volterra integro differential equations with functional delays
14.00-14.15	Zlatko Varbanov, New DNA codes from additive self-dual F4-codes
14.15-14.30	Mehmet Şenol, Analytical Solutions for Conformable Fractional Order (3+1)-Dimensional Telegraph Differential Equation
14.30-14.45	Mehmet Şenol, Approximate Solution Procedure for Conformable Fractional Order (3+1)-Dimensional Telegraph Differential Equation by Residual Power Series Method
14.45-15.00	Fajar Adi Kusumo, An Intra-Host Dynamics Model of Toxoplasma Gondii with Indirect Interaction between Hosts
15.00-15.15	Coffee Break
15.15-17.30	Presentations(Applied Mathematics) /Chair: Ahmet Topal
15.15-15.30	Ahmet Topal, A Comparative Study for Fuzzy Rough Approximation Algorithms on Datasets with Different Characteristics

<b>15.30-15.45</b>	Erkan Gürsu, Nonlinear Partial Differential Equations Related to Baouendi-Grushin Vector Fields
<b>15.45-16.00</b>	Bahlil Mounir, Stability result of the Bresse system with delay and boundary feedback
<b>16.00-16.15</b>	Ali Sevimlican, Elastodynamics of 3D Quasicrystals in Inhomogeneous Media
<b>16.15-16.30</b>	Melda Duman, An Approximation for Hadamard fractional derivative
<b>16.30-16.45</b>	Seda Göktepe Koroğlu, Optimal Control of Advection-Diffusion Process with a Bilinear Control
<b>16.45-17.00</b>	Sümeyye Ar, On the Commutativity Conditions of Digital Systems
<b>17.00-17.15</b>	Şükran Uygun, Some Tridiagonal Matrices with generalized Jacobsthal and Jacobsthal-Lucas Polynomial Sequences
<b>17.15-17.30</b>	Şükran Uygun, The Relation Between Chebyshev Polynomials and Jacobsthal and Jacobsthal Lucas Sequences
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

<b>ICOM 2019 ORAL PRESENTATIONS/SALOON B</b>	
<b>WEDNESDAY - 3 JULY 2019</b>	
<b>08.30-10.00</b>	<b>Registration</b>
<b>10.00-10.20</b>	<b>Chairman Welcome's Speech</b>
<b>10.20-11.00</b>	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
<b>11.00-11.40</b>	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
<b>11.40-13.00</b>	<b>Lunch</b>
<b>13.00-15.00</b>	<b>Presentations(Geometry) Chair: Şenay Bulut</b>
<b>13.00-13.15</b>	Milan Zlatanovic, Connections on non-symmetric manifolds
<b>13.15-13.30</b>	Hasna Essoufi, The geometry of generalized Cheeger-Gromoll metrics on the total space of transitive Euclidean Lie algebroids

13.30-13.45	Özgür Keskin, Applications of Rotation Minimizing Vector Fields on Curves and Surfaces in Minkowski Space
13.45-14.00	Özgür Keskin, A Rotation Minimizing Frame and Ruled Surface in $R^n$
14.00-14.15	Şenay Bulut, A Quarter-symmetric Metric Connection on Almost Contact B-metric Manifolds
14.15-14.30	Lazarus Chijioke Nwachukwu, Use of Geometric Transformations in Solving Euclidean Geometry Problems with Dynamic Geometry Software Application
14.30-14.45	Milad Bastami, Some Curvature Properties Of Non-Reductive Pseudo Riemannian Manifolds Of Dimension Four
14.45-15.00	Milad Bastami, On Some Metrics with Recurrent Curvature Tensor
15.00-15.15	<b>Coffee Break</b>
15.15-17.30	<b>Presentations(Geometry) Chair:Gözde Özyurt</b>
15.15-15.30	Gözde Özyurt, Properties of Hyperbolic Split Semi Quaternions and Their Matrices
15.30-15.45	Gözde Özyurt, A Study on Real Split Semi Quaternion Matrices
15.45-16.00	Sevgi Enveş Ermiş, Almost Contact B-metric Structure on 5-dimensional Nilpotent Lie algebras
16.00-16.15	Mustafa Yıldırım, On fhi-recurrent Kenmotsu Manifolds
16.15-16.30	Mehdi Nabil, Cohomology Of Co-invariant Differential Forms
16.30-16.45	Soukaina Ouarab, Special Ruled Surfaces with Frenet Frame in Euclidean 3-space
16.45-17.00	Soukaina Ouarab, Special Darboux Ruled Surface in Euclidean 3-Space
17.00-17.15	Aslıhan İklim Şen, On the Construction of Intrinsic Metric on the Added Sierpinski Triangle
17.15-17.30	Seher Kaya, Generalized Helices and Frame of Frenet-Type
17.30-19.30	<b>Conference Opening Ceremony</b>

ICOM 2019 ORAL PRESENTATIONS/SALOON C	
WEDNESDAY - 3 JULY 2019	
08.30-10.00	Registration
10.00-10.20	Chairman Welcome's Speech
10.20-11.00	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
11.00-11.40	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
11.40-13.00	Lunch
13.00-15.00	Presentations(Analysis) Chair:Şahsene Altınkaya
13.00-13.15	Şahsene Altınkaya, The $(p,q)$ -Chebyshev polynomial coefficients for a certain subclass of analytic and bi-univalent functions
13.15-13.30	Şahsene Altınkaya, Some applications of the $(p,q)$ -Lucas polynomials to an unified class of bi-univalent functions
13.30-13.45	Tatiana Yakovleva, Two-Parameter Analysis of Rician Data as an Efficient Tool of Stochastic Signals' Processing
13.45-14.00	Tatiana Yakovleva, An Application of the Rice Statistical Model in Tasks of Optical Metrology
14.00-14.15	Bahadır Özgür Güler, Triangles in the suborbital graphs of the normalizer
14.15-14.30	Samed Özkan, PreT2, T2 and T3 Proximity Spaces
14.30-14.45	Samed Özkan, Local T4 Objects in the Category of Proximity Spaces
14.45-15.00	Sibel Yalçın Tokgöz, An Application of $q$ -Derivative to a Subclass of Harmonic Univalent Functions
15.00-15.15	Coffee Break
15.15-17.30	Presentations(Applied Mathematics) Chair:Dilek Demirkuş
15.15-15.30	Dilek Demirkuş, Linear SH Waves in a Two -Layered Plate
15.30-15.45	Mojtaba Bakherad, Recent results in Berezin number inequalities

<b>15.45-16.00</b>	Mehmet Yavuz, Sumudu Transform Solution of the Inhomogeneous Burgers Equation
<b>16.00-16.15</b>	Erkan Taşdemir, On The Stability Analysis of a System of Difference Equations
<b>16.15-16.30</b>	Erkan Taşdemir, On The Stability of A Nonlinear Difference Equation
<b>16.30-16.45</b>	Ali Akgül, Reproducing Kernel Functions For Solution of Linear and Nonlinear Third order Fractional Differential Equations
<b>16.45-17.00</b>	Sergey Borisenok, Controlled Hodgkin-Huxley Network Model for Suppressing Epileptic Seizes Detected from the Intracranial EEG Signals
<b>17.00-17.15</b>	Hülya Aytaç, On the bounds for the spectral norms of geometric and r-circulant matrices with Bi-periodic Jacobsthal numbers
<b>17.15-17.30</b>	Hale Gül Dag, Boole Polynomail Solutions of Linear Volterra Integro-Differential Equations
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

<b>ICOM 2019 ORAL PRESENTATIONS/SALOON D</b>	
<b>WEDNESDAY - 3 JULY 2019</b>	
<b>08.30-10.00</b>	<b>Registration</b>
<b>10.00-10.20</b>	<b>Chairman Welcome's Speech</b>
<b>10.20-11.00</b>	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
<b>11.00-11.40</b>	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
<b>11.40-13.00</b>	<b>Lunch</b>
<b>13.00-15.00</b>	<b>Presentations(Probability and Statistics) Chair:Serkan Öztürk</b>
<b>13.00-13.15</b>	Serkan Öztürk, Magnitude-Frequency Statistic and Fractal Dimension of Seismicity in and around Van Province of Turkey: Assessing the Annual Probabilities and Recurrence Times
<b>13.15-13.30</b>	Serkan Öztürk, Regional and Temporal Properties of Earthquake Occurrences in Van Province and its vicinity, Turkey: Observations on the Current Seismic Behaviors at the beginning of 2019



13.30-13.45	Badreddine Azzouzi, Study Asymptotic of linear Processes for Dependent Random Variables
13.45-14.00	Vilda Purutçuoğlu, Descriptive Features of Divorce in Turkey
14.00-14.15	Hayrinisa Demirci Biçer, Two-Parameter Xgamma Distribution: Different Methods of Estimation
14.15-14.30	Hayrinisa Demirci Biçer, Discriminant Analysis: Log-normal Distribution
14.30-14.45	Issam Dawoud, Forecasting Bank Deposits Rate: Application of ARIMA and Moving Average Models
14.45-15.00	Goual Hafida, On Chi squared testing of the Weibull Pareto model And its Application on Arm-A head and neck cancer data
15.00-15.15	<b>Coffee Break</b>
15.15-17.30	<b>Presentations(Probability and Statistics) Chair:Salma Charfi</b>
15.15-15.30	Nacira Seddik-Ameur, On testing the new two parameters distribution with right censoring
15.30-15.45	Goual Hafida, On a modified goodness of fit test for validating the Weibull pareto model application to Bronchopulmonary dysplasia BPD data
15.45-16.00	Tamer Lazhar, A SMP for a Markov Regime Switching Jump-Diffusion Model with Infinite Horizon
16.00-16.15	Bouchentouf Amina Angelika, Multi-station manufacturing system analysis
16.15-16.30	Salma Charfi, Frame of exponentials related to analytic families operators and application to a non-self adjoint problem of radiation of a vibrating structure in a light fluid
16.15-16.30	Karima Kimouche, Parameters estimation of spatial bilinear processes in frequency domain
16.30-16.45	Meriem Mezerdi, Necessary and Sufficient Conditions for Optimality In Singular Control of Stochastic Differential Equations
16.45-17.00	Gherbal Boulakhras, Existence and optimality condition for a mixed relaxed-singular optimal controls for mean-field forward-backward stochastic differential equations
17.00-17.15	Rania Khallout, Financial model of risk-sensitive stochastic optimal control

<b>17.15-17.30</b>	Mohamed Amine Mezerdi, Some stability properties of Mc Kean-Vlasov stochastic differential equations
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

<b>ICOM 2019 ORAL PRESENTATIONS/SALOON E</b>	
<b>WEDNESDAY - 3 JULY 2019</b>	
<b>08.30-10.00</b>	<b>Registration</b>
<b>10.00-10.20</b>	<b>Chairman Welcome's Speech</b>
<b>10.20-11.00</b>	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
<b>11.00-11.40</b>	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
<b>11.40-13.00</b>	<b>Lunch</b>
<b>13.00-15.00</b>	<b>Presentations(Mathematics in Other Areas) Chair:Milena Susic</b>
<b>13.00-13.15</b>	Aliya Seitova, About Asymptotic Of Eigenvalues On Graph-Star
<b>13.15-13.30</b>	Ying-hen Hsieh, Modeling HIV Transmission with Two Interacting High-risk Groups
<b>13.30-13.45</b>	Milena Susic, The Varchenko determinant for oriented hyper-plane arrangements
<b>13.45-14.00</b>	Bob Neveln, Parsing and Checking Mathematics Written in a Morse Language
<b>14.00-14.15</b>	Faridah Mohamed Ibrahim, Mobile Phone usage in teaching Calculus: Pre University Students' perspective
<b>14.15-14.30</b>	Tuğba Han Şimşekler Dizman, An application of vague sets in decision making problems
<b>14.30-14.45</b>	Veli Heveş, Some Applications of Linear Algebra to Sociology, Chemistry and Networks
<b>14.30-14.45</b>	Abdelkader Frakis, The numerical radius inequalities and its areal
<b>14.45-15.00</b>	Fellah Soumaya, Mathematical Models for sensor Deployment under Different Lifetime Objectives
<b>15.00-15.15</b>	<b>Coffee Break</b>

<b>15.15-17.30</b>	<b>Presentations(Mathematics in Other Areas) Chair:Aicha Bouhezza</b>
<b>15.15-15.30</b>	Evgeni Xhafaj, The use of partial least squares structural equation modeling approach for analysis of the dimensions of poverty, a case study of Albania
<b>15.30-15.45</b>	Daniela Halidini, QendrajSuper decisions for the influenza activity viruses using AHP and ANP methods
<b>15.45-16.00</b>	Robert Kosova, Performance Evaluation of University academic Staff in teaching, research, and service using MCDA method and AHP
<b>16.00-16.15</b>	Hassaini Katia, An algorithm for Solving quadratic programming problem with an M-matrix
<b>16.15-16.30</b>	Fellah Khadidja, Using Hilbert curve for Data collection in WSN with mobile Sink
<b>16.15-16.30</b>	Aicha Bouhezza, Numerical Investigation of Heat Transfer Enhancement in a Horizontal Duct for Laminar Nanofluid Flow
<b>16.30-16.45</b>	Aliaa Burqan, Generalizations of Singular Value Inequalities Related to Block Matrices
<b>16.45-17.00</b>	Rochdi Bachir Bouiadja, Cuckoo search based fuzzy clustering with kernel distance for image segmentation
<b>17.00-17.15</b>	Hamidreza Golmohammadi, Some bounds on the Roman k-domination number in graphs
<b>17.15-17.30</b>	Ahmed Abbassi, Root extraction in the Orient Islamic between the 10th - 15th century.
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

<b>ICOM 2019 ORAL PRESENTATIONS/SALOON F</b>	
<b>WEDNESDAY - 3 JULY 2019</b>	
<b>08.30-10.00</b>	<b>Registration</b>
<b>10.00-10.20</b>	<b>Chairman Welcome's Speech</b>
<b>10.20-11.00</b>	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
<b>11.00-11.40</b>	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
<b>11.40-13.00</b>	<b>Lunch</b>

<b>13.00-17.45</b>	<b>Presentations(Applied Mathematics) Chair:Chellali Cherifa</b>
<b>13.00-13.15</b>	Chellali Cherifa, Class of $(A; n)$ -power-hyponormal operators in semi-hilbertian space
<b>13.15-13.30</b>	Dalal Lala Bouali, Extreme Theory Approach For Estimating New Conditional Tail Expectation
<b>13.30-13.45</b>	Firdaousse Ouallal, Coupled Lattice Boltzmann Method for viscoelastic Oldroyd-type fluids: the evolution of the elastic pressure
<b>13.30-13.45</b>	Boukerrioua Khaled, Integral Inequalities and Their Applications to Nonlinear Abstract Dynamic Equations on Time Scales
<b>13.45-14.00</b>	Tazeen Gul, Some Stability Criterion for the Solution of Conformable Fractional differential Systems
<b>14.00-14.15</b>	Rouibah Khaoula, Iterative Continuous Collocation Method for Solving Nonlinear Volterra Integral Equations
<b>14.00-14.45</b>	Yahi Zahra, Delta-systems (strong and weak) with partitions of an integer
<b>14.15-14.30</b>	Naima Keddar, Solutions for Nonhomogeneous Singular Elliptic Equations Involving Critical Caffarelli-Kohn-Nirenberg Exponent
<b>14.30-14.45</b>	Neggal Bilel, Convergence of the Regularized Sinc Collocation Method Applied to Fredholm Integral Equation
<b>14.45-15.00</b>	Abdelhafid Younsi, A Strong Lower Bound on Blowing-up Solutions of the 3d Navier–Stokes Equations in $H^{\{5/2\}}$
<b>15.15-15.30</b>	Hakim Abdelilah, A combined BTV term with a based tensor second order PDE for image super-resolution
<b>15.30-15.45</b>	Nora Lounici Mosbah, Identification of risk factors by Daïra: Prospective analysis of data on 1607 accidents
<b>15.45-16.00</b>	Abderrezak Ghezal, Asymptotic analysis of frictional contact problem for a dynamic piezoelectric shallow shell
<b>16.00-16.15</b>	Mostefaoui Imene Meriem, Mathematical model for antibiotic resistant bacteria and immune cells
<b>16.15-16.30</b>	Mebarek-Oudina Fateh, Analysis of magneto-nano Williamson fluid flow produced by a stretching sheet of variable thickness

<b>16.15-16.30</b>	M'hamdi Mohammed Salah, Pseudo almost automorphic functions applied to a new recurrent neural networks model with several delays
<b>16.30-16.45</b>	Nabil Zougab, Additive bias correction technique for discrete associated kernel
<b>16.45-17.00</b>	Youcef Zohra, Comparing the results of some numerical methods for solving a differential equation
<b>17.00-17.15</b>	Safia Benmansour, On nonhomogeneous elliptic problems involving critical exponent and nonlocal operator
<b>17.15-17.30</b>	Houas Amrane, Non-Explosion Solutions for some diffusion of mechanics
<b>17.15-17.30</b>	Mohammed Mammeri, Symmetry-breaking bifurcation in k-generalized 2-D discrete chaotic map
<b>17.30-17.45</b>	Youness El Yazidi, A comparison of a gradient based method and the differential evolution for shape identification problem

<b>ICOM 2019 ORAL PRESENTATIONS/SALOON A</b>	
<b>THURSDAY - 4 JULY 2019</b>	
<b>08.30-09.00</b>	<b>Registration</b>
<b>09.00-10.30</b>	<b>Presentations(Probability and Statistics) Chair:Chouia Sana</b>
<b>09.00-09.15</b>	Kenza Tamiti, Variance reduction in Monte Carlo simulation of M/G/1 retrial queuing system
<b>09.15-09.30</b>	Mezerdi Meriem, Existence of optimal relaxed controls for mean -field stochastic systems
<b>09.30-09.45</b>	Dahbia Hafayed, An Optimal Stochastic Control of Risk-Sensitive problem for Backward Doubly
<b>09.45-10.00</b>	Chouia Sana, A Modified Chi-squared Goodness-of-fit test for the AFT-Bertholon and its Applications
<b>10.00-10.15</b>	Chouia Sana, A Goodness-of-fit tests based on the empirical distribution function for the AFT-Bertholon model
<b>10.15-10.30</b>	Sofiane Ouazine, Uncertainty Quantification of the GI/M/1/N Queue with negative arrivals
<b>10.30-10.40</b>	<b>Coffee Break</b>

10.40-11.20	Invited Speaker/Thabet Abdeljawad, Fractional operators with generalized Mittag-Leffer kernels and their discrete counterpart
11.20-12.00	Invited Speaker/Ayman Badawi, Recent results on $(n,m)$ -closed ideals and absorbing ideals of commutative rings
12.00-13.00	<b>Lunch</b>
13.00-15.00	<b>Presentations(Applied Mathematics) Chair:Sergey Boriseneok</b>
13.00-13.15	Plamen Koev, The Densities and Distributions of the Largest Eigenvalue a Beta-Wishart Matrix
13.15-13.30	Chafika Amel Aitemrar, $h$ -Fourier integral operators with complex phase
13.30-13.45	Rachid Boukoucha, Invariant algebraic curve and limit cycles of a class of planar differential systems
13.45-14.00	Sergey Borisenok, Dynamical Quantum Gates as a Tool for Topological Data Analysis
14.00-14.15	Sinan Başaran, Mathieu Equation Stability Analysis of a Repulsive Magnetic Bearing Flywheel System
14.15-14.30	Monireh Nosrati Sahlan, B-Spline wavelets for solving Troesch problem
14.30-14.45	Kyriakos Charalambous, Lie Group Classification for a class of variable coefficient KdV-Burgers equations
14.45-15.00	Christodoulos Sophocleous, The significance of equivalence transformations in the problems of Lie group classifications
15.00-15.15	<b>Coffee Break</b>
15.15-15.45	Invited Speaker/Nabil Mlaiki, A special case of $p$ -groups
15.45-16.00	<b>Coffee Break</b>
16.00-18.00	<b>Presentations(Applied Mathematics) Chair:Majid Erfanian</b>
16.00-16.15	Aisha Alqahtani, Numerical Simulation to Study the Pattern Formation of Reaction-diffusion Brusselator Model Arising in Triple Collision and Enzymatic
16.15-16.30	Majid Erfanian, Using of finite element method for solving weakly singular Volterra integral equations
16.30-16.45	Hojjat Emami, A new bio-inspired optimization algorithm for data clustering

<b>16.45-17.00</b>	Mohammed Mechee, Generalized Runge-Kutta Integrators for Solving Special Sixth-Order Ordinary Differential Equations with Applications
<b>17.00-17.15</b>	Mehmet Yavuz, A Reliable Treatment of Homotopy Method for Time-Fractional Differential Equations
<b>17.15-17.30</b>	Monireh Nosrati Sahlan, Fractional Scaling Functions for Solving Fractional Pantograph Equation
<b>17.30-17.45</b>	Laaziri Bouchra, Regularized Maximum A Posteriori Method for Image Deconvolution with Regularization Parameter Estimation
<b>17.45-18.00</b>	Mojtaba Bakherad, More accurate numerical Radius inequalities
<b>18.00-22.30</b>	<b>Bosphorus Tour(Moving from Conference Venue)</b>

<b>ICOM 2019 ORAL PRESENTATIONS/SALOON B</b>	
<b>THURSDAY - 4 JULY 2019</b>	
<b>08.30-09.00</b>	<b>Registration</b>
<b>09.00-10.30</b>	<b>Presentations(Probability and Statistics) Chair:Chouia Sana</b>
<b>09.00-09.15</b>	Kenza Tamiti, Variance reduction in Monte Carlo simulation of M/G/1 retrial queuing system
<b>09.15-09.30</b>	Mezerdi Meriem, Existence of optimal relaxed controls for mean -field stochastic systems
<b>09.30-09.45</b>	Dahbia Hafayed, An Optimal Stochastic Control of Risk-Sensitive problem for Backward Doubly
<b>09.45-10.00</b>	Chouia Sana, A Modified Chi-squared Goodness-of-fit test for the AFT-Bertholon and its Applications
<b>10.00-10.15</b>	Chouia Sana, A Goodness-of-fit tests based on the empirical distribution function for the AFT-Bertholon model
<b>10.15-10.30</b>	Sofiane Ouazine, Uncertainty Quantification of the GI/M/1/N Queue with negative arrivals
<b>10.30-10.40</b>	<b>Coffee Break</b>
<b>10.40-11.20</b>	Invited Speaker/Thabet Abdeljawad, Fractional operators with generalized Mittag-Leffer kernels and their discrete counterpart

11.20-12.00	Invited Speaker/Ayman Badawi, Recent results on $(n,m)$ -closed ideals and absorbing ideals of commutative rings
12.00-13.00	<b>Lunch</b>
13.00-15.00	<b>Presentations(Applied Mathematics) Chair:Achouri Zineb</b>
13.00-13.15	Achouri Zineb, Well-posedness and Exponential Stability for a Wave Equation with Delay Condition
13.15-13.30	Atika Matallah, Positive solutions of elliptic Kirchhoff equations involving critical Sobolev exponents
13.30-13.45	Hassouna Houda, Segmentation based on Gray Level Co-occurrence Matrix Local Descriptors for Brain Tumors Detection
13.45-14.00	Ines Walha, Spectral properties of some unbounded operators matrices with applications
14.00-14.15	Ali Deliceoğlu, Flow topology around the re-entrant corner in an L-shaped cavity
14.15-14.30	Muhammed Syam, The simplified Hirota's method for investigating the fractional extended Sawada-Kotera equation
14.30-14.45	Hojjat Emami, Improving Election Algorithm for numerical function optimization
14.45-15.00	Ali Akgül, A New Technique for Solving Linear and Nonlinear Third Order Fractional Differential Equations
15.00-15.15	<b>Coffee Break</b>
15.15-15.45	Invited Speaker/Nabil Mlaiki, A special case of $p$ -groups
15.45-16.00	<b>Coffee Break</b>
16.00-18.00	<b>Presentations(Analysis) Chair:Serap Özcan</b>
16.00-16.15	Aidana Kasbakbayeva, Stable perturbations of boundary value problems for differential equations
16.15-16.30	Gulmira Vassilina, On Construction of the Comparison Function of Program Manifold of the Stochastic Differential Equations
16.30-16.45	Kheireddine Biroud, Existence of Positive Solutions to a Fractional Parabolic Problem with Singular Weight at the Boundary
16.45-17.00	Serap Özcan, New Inequalities of Hermite-Hadamard Type for Differentiable $s$ -Preinvex Functions



<b>17.00-17.15</b>	Serap Özcan, Some New Hermite-Hadamard Type Inequalities for Differentiable s-Preinvex Functions
<b>17.15-17.30</b>	Zhanat Dzhobulaeva, On linearized Florin type problem for the system of parabolic equations
<b>17.30-17.45</b>	Nazifen Özcan, Unbounded Pseudonorm Convergence on Vector Lattices
<b>17.45-18.00</b>	Nazife Erkuşun Özcan, p-Martingales on Lattice Normed Vector Lattices
<b>18.00-22.30</b>	<b>Bosphorus Tour(Moving from Conference Venue)</b>

<b>ICOM 2019 ORAL PRESENTATIONS/SALOON C</b>	
<b>THURSDAY - 4 JULY 2019</b>	
<b>08.30-09.00</b>	<b>Registration</b>
<b>09.00-10.30</b>	<b>Presentations(Analysis) Chair:Abdullah Aydın</b>
<b>09.00-09.15</b>	Abdullah Aydın, Banach Lattice f-Algebras
<b>09.15-09.30</b>	Hojjat Afshari, Concave operators via fractional differential equations
<b>09.30-09.45</b>	Hojjat Afshari, A topological property of the common fixed points set of Multi-functions in b-metric spaces
<b>09.45-10.00</b>	Nihed Trabelsi, Singular Limit Solutions for A 2-Dimensional Semilinear Elliptic System of Liouville Type
<b>10.00-10.15</b>	Kheireddine Biroud, Nonlocal elliptic problems with singular weight at the boundary
<b>10.15-10.30</b>	Kyung Soo Kim, Convergence of double acting iterative scheme for a family of generalized varphi-weak contraction mappings in CAT(0) spaces
<b>10.30-10.40</b>	<b>Coffee Break</b>
<b>10.40-11.20</b>	Invited Speaker/Thabet Abdeljawad, Fractional operators with generalized Mittag-Leffer kernels and their discrete counterpart
<b>11.20-12.00</b>	Invited Speaker/Ayman Badawi, Recent results on (n,m)-closed ideals and absorbing ideals of commutative rings
<b>12.00-13.00</b>	<b>Lunch</b>

<b>13.00-15.00</b>	<b>Presentations(Analysis) Chair:Abdullah Aydin</b>
<b>13.00-13.15</b>	Abdullah Aydin, The Topology on Banach lattice f-algebras
<b>13.15-13.30</b>	Brahim Tellab, Critical Exponents of Fujuta Type for Nonlinear Fractional Differential Equation
<b>13.30-13.45</b>	Brahim Tellab, Critical Exponents and Blow-up of Solution for a Semilinear Fractional Differential Equation
<b>13.45-14.00</b>	Bilel Krichen, Weak demicompactness involving measures of weak noncompactness and invariance of the essential spectrum
<b>14.00-14.15</b>	Djamila Seba, Measure of Noncompactness and Differential Inclusions with Hadamard Fractional derivative
<b>14.15-14.30</b>	Djamila Seba, On Fractional Differential Equations with Integral-Differential Boundary Conditions
<b>14.30-14.45</b>	Krzysztof Cieplinski, A Fixed Point Theorem and Ulam Stability
<b>14.45-15.00</b>	Imed Abid, Bifurcation Problem for a Class of Quasilinear Fractional Schrodinger Equations
<b>15.00-15.15</b>	<b>Coffee Break</b>
<b>15.15-15.45</b>	Invited Speaker/Nabil Mlaiki, A special case of $p$ -groups
<b>15.45-16.00</b>	<b>Coffee Break</b>
<b>16.00-18.00</b>	<b>Presentations(Analysis) Chair:Messaoud Maoni</b>
<b>16.00-16.15</b>	Messaoud Maoni, Solving A Nonlinear Parabolic Problem with Data in $L^1$
<b>16.15-16.30</b>	Ebru Gezo, Homogenous Difference Schemes For Second-Order Equations With Variable Coefficients
<b>16.15-16.30</b>	Rezaigui Ali, Existence Of Solutions for Second-Order Differential Inclusion with boundary conditions
<b>16.30-16.45</b>	Benaoumeur Bayour, Existence of solution to a local fractional nonlinear differential equation
<b>16.45-17.00</b>	Laoubi Karima, Polynomial decay rate for the dissipative wave equation with mixed boundary conditions
<b>17.00-17.15</b>	Abdelaziz Belaada, On positive multiple summing operators
<b>17.15-17.30</b>	Hamzaoui Yamina, Existence of solutions to Neumann problem involving multiple critical exponents

<b>17.15-17.30</b>	Façal Abdmouleh, B-Essential and B-Weyl Spectra of Sum of Two Commuting Bounded Operators
<b>17.30-17.45</b>	Sana Hadj Amor, Krasnoselskii fixed point theorems involving new class of convex-power condensing multivalued mappings and application to integral inclusion
<b>17.30-17.45</b>	Firdhousi Begam, QTAG-Modules Isomorphic to their Fully Invariant Submodules
<b>17.45-18.00</b>	Nasrin Eghbali, A Generalization stability of fractional differential equations and Lane-Emden equation
<b>18.00-22.30</b>	<b>Bosphorus Tour(Moving from Conference Venue)</b>

<b>ICOM 2019 ORAL PRESENTATIONS/SALOON D</b>	
<b>THURSDAY - 4 JULY 2019</b>	
<b>08.30-09.00</b>	<b>Registration</b>
<b>09.00-10.30</b>	<b>Presentations(Topology) Chair:Nihal Taş</b>
<b>09.00-09.15</b>	Ufuk Çelik, A New Study on the Discontinuity at Fixed Point
<b>09.15-09.30</b>	Nihal Yılmaz Özgür, New Solutions to the Rhoades' Open Problem and the Fixed-Circle Problem
<b>09.30-09.45</b>	Nihal Taş, A New Approach to the Geometry of Fixed Points of Self-Mappings
<b>09.45-10.00</b>	Nihal Taş, A New Version of the Pasting Lemma on a Fuzzy Soft Topological Space
<b>10.00-10.15</b>	Nazan Polat, Soft Group Homomorphisms
<b>10.15-10.30</b>	Nazan Polat, Soft Topological Group Homomorphisms
<b>10.30-10.40</b>	<b>Coffee Break</b>
<b>10.40-11.20</b>	Invited Speaker/Thabet Abdeljawad, Fractional operators with generalized Mittag-Leffer kernels and their discrete counterpart
<b>11.20-12.00</b>	Invited Speaker/Ayman Badawi, Recent results on $(n,m)$ -closed ideals and absorbing ideals of commutative rings
<b>12.00-13.00</b>	<b>Lunch</b>
<b>13.00-15.00</b>	<b>Presentations(Analysis) Chair:Oktay Muhtarov</b>

13.00-13.15	Majdi Mansouri, Data-Driven and Model-based Statistical Fault Detection
13.15-13.30	Merve Yücel, Solution of initial value transmission problem by the Adomian decomposition method
13.30-13.45	Merve Yücel, Solution of third-order boundary-value-transmission problems by differential transform method
13.45-14.00	Kadriye Aydemir, Parseval and carleman equalities for Sturm-Liouville problems under jump conditions
14.00-14.15	Kadriye Aydemir, The resolvent operator for two-interval Sturm-Liouville problems with eigenparameter depending transmission conditions
14.15-14.30	Hayati Olğar, The Spectrum of New Type Boundary Value Problems
14.30-14.45	Hayati Olğar, The Rayleigh Principle for Transmission Problems
14.45-15.00	Abdelhai Elazzouzi, Global Stability Analysis for a Generalized Delayed SIR Model with Vaccination and Treatment
15.00-15.15	<b>Coffee Break</b>
15.15-15.45	Invited Speaker/Nabil Mlaiki, A special case of $p$ -groups
15.45-16.00	<b>Coffee Break</b>
16.00-18.00	<b>Presentations(Algebra, Number Theory...) Chair:Altan Erdoğan</b>
16.00-16.15	Altan Erdoğan, The Second Order $q$ -Haar Distribution
16.15-16.30	Ramil Nasibullin, Hardy type Inequalities with remainders
16.30-16.45	Funda Taşdemir, On Some Characterizations of Prime $N$ -groups
16.45-17.00	Zehra Velioğlu, Parafree Metabelian Nilpotent Lie algebras
17.00-17.15	Nazia Parveen, Identity Concerning Generalized Derivation on Lie Ideals of Prime Ring
17.15-17.30	Marshal Sampson, Rank of Semigroups: Generating Sets and Independent Sets
17.30-17.45	Ahmad Yousefian Darani, A generalization of Armendariz modules
17.45-18.00	Nader Karimi, On a generalized Gaussian radial basis function: analysis and applications

18.00-22.30	<b>Bosphorus Tour(Moving from Conference Venue)</b>
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<b>ICOM 2019 POSTER PRESENTATIONS</b>	
<b>WEDNESDAY - 3 JULY 2019</b>	
<b>09.00-10.00</b>	<b>Registration</b>
<b>10.00-10.20</b>	<b>Chairman Welcome's Speech</b>
<b>10.20-11.00</b>	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
<b>11.00-11.40</b>	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
<b>11.40-13.00</b>	<b>Lunch</b>
<b>Poster Area 1</b>	
<b>13.00-13.15</b>	Fatima Zohra Zeghib, Domain decomposition method for an image processing problem by the non linear partial differential equation
<b>13.15-13.30</b>	Massoun Youssouf, The homotopy analysis method for nonlinear differential equation
<b>13.30-13.45</b>	Nassima Ramdane, Kinetics and equilibrium of metals ions adsorption onto chemically modified apple peel cellulose biosorbents
<b>13.45-14.00</b>	Chisom Mark David, Use of Geometric Transformations in Solving Euclidean Geometry Problems with Dynamic Geometry Software Application
<b>14.00-14.15</b>	Aiman Mukheimer, Extended Partial Sb –Metric Spaces
<b>14.15-14.30</b>	Laidi Maamar, Application of mathematical fractional calculus in modeling of apple slices drying in thin layer
<b>14.30-14.45</b>	Nesrine Ammouchi, Photo degradation of Methylene Blue in Aqueous Media Versus Regression Analysis
<b>14.45-15.00</b>	Lallouche Abdallah, Dynamics and valuation of some Derivatives by tree methods under principle of risk-neutral pricing
<b>15.00-15.15</b>	<b>Coffee Break</b>
<b>15.15-15.30</b>	Nassima Ramdane, Kinetics and equilibrium of metals ions adsorption onto chemically modified apple peel cellulose biosorbents

<b>15.30-15.45</b>	Belksier Manel, Multidimensional fractional Brownian motion and stochastic differential equations for eigenvalues of $(G, \varepsilon)$ -Wishart process
<b>15.45-16.00</b>	Boukerrioua Khaled, On Some Nonlinear Integral Inequalities and Their Applications to the Study of Stability Problems Perturbed Dynamic Systems
<b>16.00-16.15</b>	Boukemara Ibtissem, Regular Dynamics Of Two Dimensional Piecewise Map
<b>16.15-16.30</b>	Kilani Brahim, On Some New Gamidov Integral Inequalities and Their Applications
<b>16.30-16.45</b>	Bey Kamel, A simple mathematical approach for the determination of the optimal insulation thickness of cryogenic tanks
<b>16.45-17.00</b>	Mecheter Rabah, Anisotropic parabolic problem in $RN$ with variable exponent and locally integrable data
<b>17.00-17.15</b>	Diaf Ahmed, Polygonal method for second-derivative
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

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<b>11.40-13.00</b>	<b>Lunch</b>
<b>Poster Area 2</b>	
<b>13.00-13.15</b>	Laouar Lakhdar, Simulation and prediction of the cicatrization rate of a low carbon billet during continuous steel casting
<b>13.15-13.30</b>	Lemmoui Abdennacer, Application of the Postulate of A. Achenbach for Determining the Optimum Height of the Cupola with Coke and a Row of Nozzles

<b>13.30-13.45</b>	Karras Meselem, Mean value of an arithmetic function associated with the Piltz divisor function
<b>13.45-14.00</b>	Nour elhouda Berguella, Synchronization of chaotic system using generalized active control
<b>14.00-14.15</b>	Laoubi Karima, Fractional Optimal Control Problem for Differential System with mixed boundary conditions
<b>14.15-14.30</b>	Mekhilef Slimane, Modeling and Diagnosis of rolling defects by vibratory signals
<b>14.30-14.45</b>	Nawel Mourah, On The Positive Solutions For a BV Problem Of Nonlinear FDE
<b>14.45-15.00</b>	Maryam Alshehri, Particle density and particle hole duality in continuum in The CAR algebra
<b>15.00-15.15</b>	<b>Coffee Break</b>
<b>15.15-15.30</b>	Zibouche Ouassila, Non Local and Non Regular Boundary Value Problem for Quadratic Ordinary Differential Pencil
<b>15.30-15.45</b>	Sabrina Matallah, Statistical Modeling of Contact Wear Polluted Elastohydrodynamics
<b>15.45-16.00</b>	Bouali Tahar, Existence of positive solutions for a new class of quasilinear singular elliptic systems involving Caffarelli-Kohn-Nirenberg exponent with sign-changing weight functions
<b>16.00-16.15</b>	Guefaifia Rafik, Existence of positive weak solutions for a new class of Kirchhoff elliptic systems with multiple parameters
<b>16.15-16.30</b>	Kaden Bapaev, On the strong stability of difference-dynamic systems with parametric perturbations
<b>16.30-16.45</b>	Bagila Toleuova, Stability of Difference Dynamic Systems According to Lagrange
<b>16.45-17.00</b>	Selma Attabi, Optimization of the burnishing treatment parameters for AISI 316L steel by response surface method
<b>17.00-17.15</b>	Naima Mesquine, Local Bifurcation of One Parameter Analysis in the Greitzer compression system
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

ICOM 2019 POSTER PRESENTATIONS	
WEDNESDAY - 3 JULY 2019	
09.00-10.00	Registration
10.00-10.20	Chairman Welcome's Speech
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11.00-11.40	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
11.40-13.00	Lunch
Poster Area 3	
13.00-13.15	Yuet Ling Linda Kwan, Assessment of Low Achievers in Solving 'Guessing Game' Combine Problems
13.15-13.30	Hellal Abdelaziz, Existence and Uniqueness of Solutions for Nonlinear Parabolic Problem involving Variable Exponents and Irregular data
13.30-13.45	Fajar Adi-Kusumo, Mathematical Modeling of Breast Cancer in Early Stage Based On the Cell Cycle and Cell Regulations
13.45-14.00	Zebblah Amina, New exponential probability inequalities and complete convergence for weighted sequences of WOD random variables with application to recursive estimator
14.00-14.15	Ferouani Abdel Karim, Numerical modelling of contribution of the reduced electric field on the conversion of nitrogen oxides
14.15-14.30	Achouri Zineb, Existence and Asymptotic Behavior of an Evolution Problem with a Nonlocal Term
14.30-14.45	Djilani Chahrazed, Synthesis, characterization and application of ZnO nanocomposite supported on activated carbon for photocatalytic degradation of methylene blue
14.45-15.00	Bouasla Abdelaziz, Mathematical Equations for Equal- Channel Angular Pressing process
15.00-15.15	Coffee Break
15.15-15.30	Djilani Chahrazed, Modeling of adsorption isotherms and kinetics of Methylene blue dye from aqueous solution by activated carbon prepared from waste animal bones



<b>15.30-15.45</b>	Abdulmohsen Alruwaili, Numerical Approximation to the Stationary Solutions in Yip's Formulation of the Regularized Ericksen's Bar Model
<b>15.45-16.00</b>	Chadli Assia, Bayesian estimation of the Rayleigh distribution under different loss function
<b>16.00-16.15</b>	Karima Kimouche, Bayesian estimation of a spectrum of a nonstationary spatial AR processes
<b>16.15-16.30</b>	Bey Meryem, Bifurcation of limit cycles from quartic isochronous systems
<b>16.30-16.45</b>	Samad Ahdiaghdam, A Survey on Hyper-Singular Integral Equations
<b>16.45-17.00</b>	Benchabi Rahima, Effect of CuO-water nanofluid on the thermal - hydraulic behavior of triangular corrugated channel
<b>17.00-17.15</b>	Lanani Ahsene, Correlations between the Nusselt and the Rayleigh numbers in natural convection
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

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<b>10.00-10.20</b>	<b>Chairman Welcome's Speech</b>
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<b>11.40-13.00</b>	<b>Lunch</b>
<b>Poster Area 4</b>	
<b>13.00-13.15</b>	Osman Osmanaj, The derivative of trigonometric inverse functions
<b>13.15-13.30</b>	Mécheri Halima, Shwarz method for the ergodic control problems
<b>13.30-13.45</b>	Hamrelaine Salima, Study of nanofluid flow between two inclined porous plates

<b>13.45-14.00</b>	Djenette Mendjel, Numerical Calculation of the Mechanical Behaviour of a Bridge by Two structural analysis Software
<b>14.00-14.15</b>	Siham Gherieb, Analytical Solution of Falkner Skan Equation with Heat and Mass Transfer
<b>14.15-14.30</b>	Rehab Bekkouche Souhila, Digital Determination of Landslide Problems
<b>14.30-14.45</b>	Amel Rahmoun, Lyapunov-Schmidt Method for Bifurcation Analysis of an HIV-1 within Host Model
<b>14.45-15.00</b>	Nassima Berrouis, Necessary and sufficient conditions of optimality for linear FBDSDEs of mean field type
<b>15.00-15.15</b>	<b>Coffee Break</b>
<b>15.15-15.30</b>	Badredine Boudjema, PMSM optimal design parameters by using inverse problem Badreddine Boudjema Numerical approaches by finite volumes of a model and its renewal
<b>15.30-15.45</b>	Aidi Khaoula, tests for generalized exponential AFT distributions with censored data
<b>15.45-16.00</b>	Aidi Khaoula, On testing the fit of the exponentiated Kumaraswamy generalized exponential distribution with right censoring
<b>16.00-16.15</b>	Mokas Nacer, Wear of Cutting Edge Principle is' it the Lifetime Criterion of the Helicoidal Drill in HSS?
<b>16.15-16.30</b>	Bey Kamel, A simple mathematical approach for the determination of the optimal insulation thickness of cryogenic tanks
<b>16.30-16.45</b>	Hamadache Hamid, Prediction Model of Tensile Properties of Ball -Burnished S355JR Steel
<b>16.45-17.00</b>	Dib Amar, Analytical solution of magneto-hydrodynamic of Jeffery Hamel flow
<b>17.00-17.15</b>	Bey Kamel, Analytical method for calculating the mechanical properties of a laminated fiberglass and epoxy resin composite material
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

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<b>09.00-10.00</b>	<b>Registration</b>

<b>10.00-10.20</b>	<b>Chairman Welcome's Speech</b>
<b>10.20-11.00</b>	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
<b>11.00-11.40</b>	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
<b>11.40-13.00</b>	<b>Lunch</b>
<b>Poster Area 5</b>	
<b>13.00-13.15</b>	Bouafia Dahmane, Existence of solutions for a perturbed second order problem on the half-Line via Ekeland variational principle
<b>13.15-13.30</b>	Idriss El Mourabit, A combined BTV term with a based tensor second order PDE for image super-resolution
<b>13.30-13.45</b>	Neggal Bilel, Regularized Wavelet-Galerkin method for Fredholm Integral Equations of the First Kind
<b>13.45-14.00</b>	Abdelhafid Younsi, A criterion for uniqueness of weak Solutions to the 3D Navier-Stokes equations
<b>14.00-14.15</b>	Ahlem Djebar, Around Multivariate Credibility: Properties of the Covariance Matrix
<b>14.15-14.30</b>	Houalef Meriem, Queueing model with working vacation and impatient customers
<b>14.30-14.45</b>	Nabila Bellal, An existence result via penalty method for some nonlinear parabolic unilateral problems
<b>14.45-15.00</b>	Kabir Abdenour, Determination of the Solar Cells internal parameters using the Two Diodes Model
<b>15.00-15.15</b>	<b>Coffee Break</b>
<b>15.15-15.30</b>	Mojtaba Bakherad, More accurate numerical Radius inequalities
<b>15.30-15.45</b>	Naouel Belkhir, Estimation of the Risk Function under Right Random Censoring with Modified Kernels. Numerical Studies and Example
<b>15.45-16.00</b>	Hamza Aicha, Estimation of conditional hazard function in the single functional index model under random censorship
<b>16.00-16.15</b>	Hafidha Sebbagh, Multiplicity of positive solutions for a class of quasilinear boundary value problems
<b>16.15-16.30</b>	Kada Kloucha Meryem, The exponential bounds and the a.s. convergence of the BLP predictor of a $C[0;1]$ -valued autoregressive process

<b>16.30-16.45</b>	Mohamed Zaaf, Comparison between two strip rolling models
<b>16.45-17.00</b>	Rehab Bekkouche Souhila, Mathematical Simulation of Residual deformations in High-Density Polyethylene Tubes
<b>17.00-17.15</b>	Kouche Mahiédine, Mathematical Analysis of an HIV Infection Model Including Quiescent Cells and Periodic Antiviral Therapy
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

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<b>10.20-11.00</b>	Invited Speaker/Zakia Hammouch, New reliable numerical schemes and applications to chaotic models
<b>11.00-11.40</b>	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
<b>11.40-13.00</b>	<b>Lunch</b>
<b>Poster Area 6</b>	
<b>13.00-13.15</b>	Kermoune Sara, Bayesian estimation of the Exponential-Pareto distribution under the squared error loss function
<b>13.15-13.30</b>	Mohamed Houas, Existence results for a coupled system of nonlinear fractional differential equations with two fractional orders
<b>13.30-13.45</b>	Medjahri Latifa, Study of Feedback Queuing models with Reneged, and Balking customers
<b>13.45-14.00</b>	Sara Stihi, Stochastic Differential Equations for Random Matrices Processes in the nonlinear framework
<b>14.00-14.15</b>	Nasri Nassima, Efficient formulations for a fourth order obstacle problem
<b>14.15-14.30</b>	Yasmina Djabali, Strong Stability of the Embedded Markov Chain in an M/PH/1 Queue
<b>14.30-14.45</b>	Kada Kloucha Meryem, The BLP predictor of an H-valued Functional Autoregressive Process
<b>14.45-15.00</b>	Nehari Mohamed, Existence of Solution for the problem in the Times Scales.

<b>15.00-15.15</b>	<b>Coffee Break</b>
<b>15.15-15.30</b>	Khaled Boudjellal, Experimental Study Based Regression Analysis Model
<b>15.30-15.45</b>	Samia Aouici, Quadratic regression model used for Study of geometrical features in laser claddings
<b>15.45-16.00</b>	ElHadi Boussaha, Numerical study and characterization of a corrosion inhibitor based of plant in NaCl solution
<b>16.00-16.15</b>	Dahbia Hafayed, A Risk-Sensitive Stochastic Maximum Principle for Backward with Jump Diffusion Type
<b>16.15-16.30</b>	Belhamra Thara, On Geometrical Approach of Chain Ladder Method: Properties and Application
<b>16.30-16.45</b>	Bouabaz Mohamed, A Mathematical Model Based on Fuzzy Logic for Predicting Projects Cost
<b>16.45-17.00</b>	Khenniche Ghania, Thermal simulation of the steel solidification during continuous casting
<b>17.00-17.15</b>	Mohammed Mammeri, On dynamics of Lotka–Volterra prey–predator planar map
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

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<b>10.00-10.20</b>	<b>Chairman Welcome's Speech</b>
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<b>11.00-11.40</b>	Invited Speaker/Ekrem Savaş, On Almost Sequence Spaces defined by infinite matrix
<b>11.40-13.00</b>	<b>Lunch</b>
<b>Poster Area 7</b>	
<b>13.00-13.15</b>	Malika Boughandjioua, Estimation of Diseases: A Case Study Based Statistical Analysis
<b>13.15-13.30</b>	Menaceur Amor, On the Limit Cycles of a Class of Polynomial Differential Systems via Averaging Theory
<b>13.30-13.45</b>	Mohamed Bouabaz, A hybrid Model based Artificial Intelligence to Assessing Construction Cost

<b>13.45-14.00</b>	Toualbia Mohamed Saleh, Nonlinear boundary feedback stabilization for Schrödinger equations
<b>14.00-14.15</b>	Ben Gherbal Hanane, The stochastic maximum principle in optimal regular-singular control of mean field type diffusions
<b>14.15-14.30</b>	Hassouna Houda, Comparative study between Histogram Local Binary Pattern and Histogram Local Phase Quantization for Brain Tumors Detection
<b>14.30-14.45</b>	Menaceur Amor, On the Limit Cycles of a Class of Polynomial Differential Systems via Averaging Theory
<b>14.45-15.00</b>	Laidi Maamar, Fractional calculus based method for Chemical kinetics modelling of the release of active pharmaceutical ingredients
<b>15.00-15.15</b>	<b>Coffee Break</b>
<b>15.15-15.30</b>	Hamaidi Brahim, Mathematical Model for the Detection of the Defects of the State of Isolation of Electrical Networks in Mining Companies
<b>15.30-15.45</b>	Hamaidi Brahim, Mathematical method of risk analysis and performance stuof safety barriers of an industrial process
<b>15.45-16.00</b>	Rezzoug Imad, Weakly sentinels for distributed systems
<b>16.00-16.15</b>	Mebarek Abdelmalek, Plastic Deformation and Nonstoichiometry in Rutile TiO <sub>2</sub>
<b>16.15-16.30</b>	Online Presentation/Güzide Şenel, A New Class of Soft Topological Space via $(1,2)^*$ - Soft b-open Set
<b>16.30-16.45</b>	Online Presentation/Güzide Şenel, A Study On Some New Soft Sets In Soft Bitopological Spaces
<b>17.30-19.30</b>	<b>Conference Opening Ceremony</b>

