



**INTERNATIONAL CONFERENCE on RECENT
ADVANCES in PURE AND APPLIED
MATHEMATICS
(ICRAPAM 2017)**

May 11-15, 2017, Palm Wings Ephesus
Resort Hotel, Kusadasi - Aydın, TURKEY

www.icrapam.org

Conference Program Booklet





Conference Program Overview

11th of May	
9:30-12:00	Registration
12:00-14:00	Lunch Break
14:00-14:50	Plenary Talk by Robin Harte , Chair: Okay Çelebi
15:00-16:40	Sessions 1
16:40-18:00	Sessions 2
18:00-18:20	Coffee Break
18:20-19:10	Plenary Talk by Mujahid Abbas , Chair: Mohammed al-Gwaiz
12th of May	
9:00-10:00	Plenary Talk by Taras Banakh , Chair: Ekrem SAVAS
10:00-10:50	Opening Ceremony
10:50-11:00	Coffee Break
11:00-12:40	Sessions 3
13:00-14:30	Lunch Break
14:30-15:20	Plenary Talk by Mohammed al-Gwaiz , Chair: Taras Banakh
15:20-16:40	Sessions 4
16:40- 17:00	Coffee Break
17:00- 19:30	Sessions 5
19:10-19:40	Poster Session
20:00-23:00	Gala Dinner
13rd of May	
10:00-19:00	EXCURSION
14th of May	
9:00-9:50	Plenary Talk by A. Okay Çelebi , Chair: Robin Harte
10:00-12:00	Sessions 6
12:00-14:00	Lunch Break
14:00-14:50	Plenary Talk by Gradimir V. Milovanovic , Chair: Reza Langari
15:00-16:40	Sessions 7
16:40-17:00	Coffee Break
17:00-18:20	Session 8
18:20-18:30	Coffee Break
18:30-19:20	Plenary Talk by Brahim Mezerdi , Chair: Mujahid Abbas



15th of May	
9:00-10:40	Sessions 9
10:40-11:00	Coffee Break
11:00-12:00	Closing Ceremony



Plenary Talk Titles

11st May, 14:00-14:50	Robin Harte	Gelfand Theory Unplugged
11st May, 18:20-19:10	Mujahid Abbas	Solution of an implicit complementarity problem on isotone projection cones
12th May, 9:00-10:00	Taras Banakh	Topological spaces with an ω-base
12th May, 14:30-15:20	Mohammed Al-Gwaiz	The Sturm-Liouville Theory And Fourier Analysis
14th May, 9:00-9:50	Okay Çelebi	Schwarz problem for higher order equations in a polydisc
14th May, 14:00-14:50	Gradimir V. Milovanovic	Summation and Quadrature Processes for Slowly Convergent Series
14th May, 18:30-19:20	Brahim Mezerdi	On optimal control of stochastic mean field systems

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		Room A	Room B	Room C	Room D
11.May Session 1	15:00-15:20	Chair: Mehmet Gürdal Maria Zelster	Chair: Osama Yusuf Ababneh Idir Oussaou	Chair: Ayhan Aydın Figen Öke	Chair: Ali Atewi Lyoubomira Softova
	15:20-15:40	Ljubisa Kocinac	Qais Mustafa Abdulqader	Burcu Öztürk	
	15:40-16:00	M. Birgül Huban-M. Gürdal	Pranesh Kumar	Mustafa Özkan	ZERARKA Mohamed Faouzi
	16:00-16:20	Hamdullah Şevli	Vilda Purutçuoğlu	AL-hossain Ahmed AL-Nashri	Arran Fernandez
	16:20-16:40	Rahmet Savaş	Alie Thalbie Jalloh	Mustafa Gezek	Betül Hiçdurmaz
		Chair: Lyoubomira Softova	Chair: Pranesh Kumar	Chair: Ljubisa Kocinac	Chair: İ. Naci Cangül
11.May Session 2	16:40-17:00	Miloud Assal	Mohammed Al-Smadi	Ben Amma Bouchra	Burak Kurt
	17:00-17:20	Mohammad M. BaniKhalid Alkhaldi -Abedallah Rababah	Ayhan Aydın	Mekrini Zineb	Aysun Yurттаş
	17:20-17:40	Ayed Adamat	Osama Yusuf Ababneh	Iftikhar Husain	Müge Togan
	17:40-18:00	Ali Atewi	Xhevat Krasniqi	Sefa Anıl Sezer	Meriem Tiachachat
	18:00-18:20	Coffee Break	Coffee Break	Coffee Break	Coffee Break

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		Chair: Salih Aytar	Chair: Mohammad Aloroud	Chair: Emine Mısırlı	Chair: İsmet Karaca	
12.May	11:00-11:20	Naim Braha	Michael Filippakis	İsmail Naci Cangül	Emine İffet Taylan	
	11:20-11:40	M. Birgül Huban-M. Gürdal	Eric Padilla- William Cody Wilson	Yaşar Nacaroglu	Ayşe Sandıkçı	
	Session 3	11:40-12:00	Hafize Gök	Nedal Tahat	Fatma Özen Erdoğan	Gerald Wanjala
		12:00-12:20	Gökşen Fındık	Sadek Bouroubi	Armend Salihu	Mohammed Rashid
		12:20-12:40	Havva Tilki	Canan Akkoyunlu	İbrahim Şentürk	Zerrin Önder
		Chair: Mujahid Abbas	Chair: E.İffet Taylan	Chair: Iftikhar Husain	Chair: Miloud Assal	
12.May	15:20-15:40	İsmet Karaca	Esen İyigün	Abdullah Ahmed Abdullah	Fahreddin Abdullayev	
	15:40-16:00	Aynur Şahin	Rüya Yeğın	Rashid Madiha	Oya Mert	
	Session 4	16:00-16:20	Amna Kalsoom	Mustafa Deniz Türkoğlu	Derya Altıntan	Erhan Deniz
		16:20-16:40	Rateb Albtoush	Nouioua Farid	Canan Bozkaya	Arzu Akgül
		16:40-17:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
		Chair: Fahreddin Abdullayev	Chair: İlkay Karaca	Chair: Naim Braha	Chair: Osman Mucuk	
12.Mays	17:00-17:20	Dilek Varol Bayram	Mamadsho Ilolov	Ahmad Al-Omari	İsmet Karaca	
Session 5	17:20-17:40	Hanna Demchenko	Yasemin Işık	Ulaş Yamancı	Ebru Aydoğdu	
	17:40-18:00	Labeđ Boubakeur	Rashida Bibi	Djamel Meraghni	Tuğba Han Şimşekler	
	18:00-18:20	Sevil Çulha	Gül Deniz Çaylı	Banu Güntürk	Zehra Güzel	
	18:30-19:10	Youssef Allaoui	Tuğçe Katican	Lyazzat Atymtayeva	Tuğba Han Şimşekler	
	19:10-19:30	Hatice Özcan	Siham Mokhfi	Hakeem Ahmed Ali	Fatiha Mezoued	
	19:10-19:40		POSTER SESSION, Chair:Mahpeyker Öztürk			

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		Chair: Maria Zelster	Chair: İ.Naci Cangül	Chair: Mujahid Abbas	Chair: Djamel Meraghni
14.May	10:00-10:20	Osman Mucuk	Yılmaz Şimşek	Azhar Hussain	Eqab Rabei
	10:20-10:40	Osman Mucuk	Kübra Erdem Biçer	Naeem Saleem	Salih Aytar
	10:40-11:00	Hüseyin Çakallı	Ezgi Kaya	Sartaj Ali	Ulaş Yamancı
Session 6	11:00-11:20	Hüseyin Kaplan	İrem Küçüköğlü	Latifa Benhamouche	Zuhier Altawallbeh
	11:20-11:40	Fadime Gökçe	Elif Çetin	Mohammad Hossein Sattari	Ghulam Murtaza
	11:40-12:00	Fırat Öz Saraç	Ahmet Aygüneş	Mahpeyker Öztürk	Ceren Çelik

		Chair: Erhan Deniz	Chair: Şükran Konca	Chair: Arzu Akgül	Chair: Naeem Saleem
14.May	15:00-15:20	Mustafa Yılmaz	Adel Almarashi	İbrahim Şentürk	Abdul Liman
	15:20-15:40	Evrin Akalan	Khaled Nawafleh	Emel Aşıcı	Lubna Shah
Session 7	15:40-16:00	Ümit Sarp	Hediye Sarıkaya	Seda Oğuz Ünal	Vali Mohammad Shah
	16:00-16:20	Nazli Yıldız İki kardeş	Mohammad Al-Hawari	Ali Aydoğdu	Öznur Özkan Kılıç
	16:20-16:40	Sibel Koparal	İsmail Ekincioğlu	Abdurrahman Büyükkaya	Halil Snopçe
	16:40-17:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break

		Chair: Azhar Hussain	Chair: Michael Filippakis	Chair: Sadek Bouroubi	Chair: Mohammed Al-Smadi
14.May Session 8	17:00-17:20	Asghar Ahmadkhanlu	Naima Aissa	Brahim Brahimi	Necir Abdelhakim
	17:20-17:40	Vahid Roomi	Mohammad Aloroud	Fatah Benatia	Edress Mohamed Ammar
	17:40-18:00	Mohammad Ilmakchi	Ali Deliceoğlu	Ahmad Pasvahan	Sadri Alija
	18:00-18:20	Smail Yousfi	Nihal Yokuş		Md. Abu Talhamainuddin Ansary
	18:20-18:30				

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		Chair: Qais Mustafa Abdulqader	Chair: Brahim Brahimi	Chair: Hüseyin Çakallı	
15 May Session 9	09:00-9:20	Abdullah Kaplan- Veli Cabalı	Salih Tekin	Şükran Konca	
	09:20-09:40	Veli Cabalı	Kadir Ertoğral	Rabia Savaş	
	09:40-10:00		Murat Kılıç	Sefa Anıl Sezer	
	10:20-10:40			Ekrem Savaş	
	10:40-11:00	Coffee Break	Coffee Break	Coffee Break	

Posters:

İsmail Onur Kıymaz, Ayşegül Çetinkaya, Mehmet Baki Yağbasan, Khadidja SADI-Nora Lounici Mosbah, Sadık- Delen, M.E. El-Shafei, Fakhridin Mirzoahmedov, Ervenila Xhaferraj, İlkay Karaca, İsmet Karaca-Gökhan Temizel, Berfin Elma-Emine Mısırlı, Hatice Sevde Denizaltı, Mohammad M. Bani Khalid Alkhaldi, Guljanov Dilovar, Emine Can, Anita Caushi, Gizel Bakıcıerler-Emine Mısırlı, Hou Tang, Shu-Hai Li, Rassoul Abdelaziz, Nora Mahloul



Contributed Talk Titles per Sessions

Chair: Mehmet Gürdal		
1A	Maria Zelster	Summability of Subsequences of Divergent Sequences
1A	Ljubisa Kocinac	Some remarks on fuzzy anti-normed spaces
1A	M. Birgül Huban-M. Gürdal	Duhamel operator and existence of invariant subspace
1A	Hamdullah Şevli	On E-J Hausdorff Transformations for Double Sequences
1A	Rahmet Savaş	STATISTICAL COVERGENT FUNCTIONS VIA IDEALS WITH RESPECT TO THE INTUITIONISTIC FUZZY 2-NORMED SPACES
Chair: Osama Yusuf Ababneh		
1B	Idir Oussou	Estimation of a loss function for spherically symmetric distribution with constraints on the norm
1B	Qais Mustafa Abdulqader	Modeling and classifying by using binary logistic regression analysis: Application on hepatitis disease data
1B	Pranesh Kumar	Modelling Worldwide CO2 Emissions and Oil Consumption based on the L_1, L_2 and L_∞ norm Regressions
1B	Vilda Purutçuoğlu	Steady-State Modeling of the Biological Network via Long-tailed Symetric Distribution
1B	Alie Thalbie Jalboh	On The Ultimate Solution to Riemann Hypothesis
Chair: Ayhan Aydın		
1C	Figen Öke	On residual algebraic free extensions of valuations
1C	Burcu Öztürk	On Lifting Polynomials and Distinguished Pairs
1C	Mustafa Özkan	Repeat codes, Even codes, Odd codes and Their equivalence
1C	AL-hossain Ahmed AL-Nashri	On Derivation of a Subclasses of Filiform Leibniz Algebras
1C	Mustafa Gezek	A search for designs with the same parameters as 2-(256,64,21) design with 2- rank 25
Chair: Ali Atewi		
1D	Lyoubomira Softova	From Dido to Morrey: Variational Problems and Regularity Theory!
1D	ZERARKA Mohamed Faouzi	Many to one embedding Crossed Cube into Pancake
1D	Arran Fernandez	New Properties of Fractional Derivatives defined using Mittag-Leffler kernel
1D	Betül Hiçdurmaz	A Numerical Analysis of FLMM for Semilinear Time Fractional Schrodinger Equations

Chair: Lyoubomira Softova		
2A	Miloud Assal	Ring Theory Approaches to Solve Cauchy-Euler differential Equations of Several Variables
2A	Mohammad M. BaniKhalid Alkhaldi - Abedallah Rababah	Quadrature Formula with High Degree of Exactness
2A	Ayed Adamat	Residual power series approach to handle a class of fractional differential equations
2A	Ali Atewi	Analytical-Numerical Solutions for a class of Systems of Differential Equations Using Reproducing Kernel Method
Chair: Pranesh Kumar		
2B	Mohammed Al-Smadi	Solving Fuzzy Mixed Integral Equations of Second Kind in Hilbert Spaces
2B	Ayhan Aydın	A convergent two-level linear scheme for the generalized Rosenau-KdV-RLW equation
2B	Osama Yusuf Ababneh	New Iterative Methods for Solving Non-Linear Equations
2B	Xhevat Krasniqi	Characterizations of (p, q, α) -convex sequences
Chair: Ljubisa Kocinac		
2C	Ben Amma Bouchra	Convergence, Consistency and Stability in intuitionistic fuzzy differential equations
2C	Mekrini Zineb	Industrial Application of Fuzzy Logic Control for Torque-ripple Minimization in Electricals Machines
2C	Iftikhar Husain	An overview on Fuzzy AHP and Its Priority Derivation
2C	Sefa Anil Sezer	Cesaro Summability of Sequences in 2-Normed Spaces
Chair: İ.Naci Cangül		
2D	Burak Kurt	Some Symmetry Identities For Modified Degenerate Apostol-Bernoulli and Modified Degenerate Apostol-Euler polynomials related to Multiplier Sums
2D	Aysun Yurttaş	On the inverse problem on graphs
2D	Müge Togan	Degree sequences and inverse problem on graphs
2D	Meriem Tiachachat	A new class of the r-Stirling numbers and the generalized Bernoulli polynomials

Chair:Salih Aytar

3A	Naim Braha	Tauberian theorems for the Ces'aro second order operators for sequences of fuzzy numbers
3A	M. Birgül Huban-M. Gürdal	On extended eigenvalues and extended eigenvectors of Toeplitz operators
3A	Hafize Gök	Some results about \mathcal{I} -statistically pre-Cauchy sequences with an Orlicz function
3A	Gökşen Fındık	On slowly oscillating double sequences
3A	Havva Tilki	On some Deddens Subspaces of Banach Algebras

Chair: Mohammad Aloroud

3B	Michael Filippakis	Nodal solutions for indefinite Robin problems
3B	Eric Padilla- William Cody Wilson	Experimental Evidence of Landau Damping in a Fluid at a Macroscopic Level
3B	Nedal Tahat	A Public Verifiable Authenticated Encryption Scheme Based on Chaotic Maps and Factoring Problems
3B	Sadek Bouroubi	Rotating Disk Cryptosystem: RDC
3B	Canan Akkoyunlu	Compact Finite Differences Method for Burgers-Huxley Equation

Chair: Miloud Assal

3C	İsmail Naci Cangül	Graph Theoretical Applications of Molecular Graphs
3C	Yaşar Nacaroğlu	On The Fourth Geometric-Arithmetic Index of Graphs
3C	Fatma Özen Erdoğan	On Quaternion n- Spaces
3C	Armend Salihu	New concept of determinants with three indexes (3D Determinants) and possibilities of use
3C	İbrahim Şentürk	A reduction of basic algebras:Sheffer Stroke Basic Algebras

Chair:İsmet Karaca

3D	Emine İffet Taylan	A study on Abel statistical quasi Cauchy sequences
3D	Ayşe Sandıkçı	Boundedness Properties of Some Operators on $M(P,Q)(\mathbb{R}^d)$
3D	Gerald Wanjala	Weakly Invariant Subspaces for Multivalued Linear Operators on Banach Spaces
3D	Mohammed Rashid	ON THE ISOLATED POINTS OF THE SPECTRUM OF M-PARANORMAL OPERATORS
3D	Zerrin Önder	Statistically $(C,1,1)$ Summable Double Sequences of Fuzzy Numbers and a Tauberian Theorem

Chair: Mujahid Abbas		
4A	İsmet Karaca	Some Common Fixed Point Theorems on Complex Valued α -Metric Spaces
4A	Aynur Şahin	Some Results of the Picard-Krasnoselskii Hybrid Iterative Process
4A	Amna Kalsoom	Proximal Point Algorithms Involving Cesaro Type Mean of Total Asymptotically nonexpansive Mappings in CAT(0) Spaces
4A	Rateb Albtoush	FIXED POINT THEOREM IN FM-SPACES
Chair:Emine İffet Taylan		
4B	Esen İyigün	Some Properties of Cartan Null Curves in Semi-Euclidean 4-space with index 2
4B	Rüya Yeğın	Submanifolds in $H_{2^{m-1}}(-1)$ with Finite Type Pseudo-Hyperbolic Gauss Map
4B	Mustafa Deniz Türkođlu	On the existence of Einstein Weyl Manifold with a special metric connection
4B	Nouioua Farid	Periodic Solutions For A Third-Order Delay Differential Equation
Chair:Iftikhar Husain		
4C	Abdullah Ahmed Abdullah	Rayleigh-Marangoni convection in a layer of nanofluid
4C	Rashid Madiha	MHD convective flow due to a curved surface with thermal radiation and chemical reaction
4C	Derya Altıntan	HYBRID MASTER EQUATION OF THE JUMP DIFFUSION APPROXIMATION
4C	Canan Bozkaya	Free Convection inside a Porous Enclosure
Chair:Emine Mısırlı		
4D	Fahreddin Abdullayev	On the Properties of the Orthogonal Polynomials Along a Contour
4D	Oya Mert	GENERALIZED CLOSE TO CONVEX FUNCTIONS WITH q - PROPERTIES
4D	Erhan Deniz	$?$ -convexity of Some Struve and Lommel Functions
4D	Arzu Akgül	On some inequalities of analytic and biunivalent functions given by subordination

Chair: Fahreddin Abdullayev		
5A	Dilek Varol Bayram	Jacobi elliptic function solutions of the space-time fractional symmetric regularized long wave equation
5A	Hanna Demchenko	Optimality Conditions for a Linear Differential System with Two Delays
5A	Labeled Boubakeur	Mean-field backward stochastic differential equations with singular terminal condition
5A	Sevil Çulha	Jacobi elliptic function solutions of time-fractional KdV-Zakharov-Kuznetsov equation
5A	Youssef Allaoui	Existence of positive solution of boundary value fractional quadratic different equations
5A	Hatice Özcan	Code Verification Using Method of Manufactured Solutions for CFD Problems
Chair: İlkyay Karaca		
5B	Mamadsho Ilolov	On some classes of fractional integrodifferential equations in Hilbert space
5B	Yasemin Işık	The Generators of Regular, Quasi-regular Representations and Casimir Operators
5B	Rashida Bibi	On Spherically Symmetric Solutions of the Einstein-Maxwell Field Equations
5B	Gül Deniz Çaylı	On uninorms on bounded lattices
5B	Tuğçe Katican	The Sheffer Stroke Basic Algebras On The Intervals
5B	Siham Mokhfi	Trace Formula for Witt Vector Rings
Chair: Naim Braha		
5C	Ahmad Al-Omari	Some applications of cozero sets in topological spaces
5C	Ulaş Yamancı	On filter convergence of nets in uniform spaces
5C	Djamel Meraghni	Gaussian approximation to the estimator of the mean of a heavy tailed distribution under random censoring
5C	Banu Güntürk	On The Cardinality of Category Spaces
5C	Atymtayeva Lyazzat	A Fuzzy Project Scheduling with Constrained Resources
5C	Hakeem Ahmed Ali	APPLICATIONS ON WEAK AND STRONG FORMS OF FUZZY α -OPEN (CLOSED) SETS
Chair: Osman Mucuk		
5D	İsmet Karaca	On Digital Cohomology Groups
5D	Ebru Aydoğdu	Fuzzy Soft Metric and Fuzzifying Soft Topology Induced by Fuzzy Soft Metric
5D	Tuğba Han Şimşekler	FUZZY SOFT TOPOLICAL SPACES AND THE RELATED CATEGORY FST
5D	Zehra Güzel	Decomposition of Soft Continuity via Soft Locally b-Closed Set
5D	Tuğba Han Şimşekler	Fuzzy Soft Ditopological Spaces
5D	Fatiha Mezoued	A Bayes minimax result for a large class of distributions

Chair: Maria Zelster		
6A	Osman Mucuk	G-compactness for topological groups with operations
6A	Osman Mucuk	Topological aspects of monodromy groupoids for group-groupoids
6A	Hüseyin Çakallı	Beyond statistical quasi Cauchy sequences
6A	Hüseyin Kaplan	A study on strongly lacunary ward continuity
6A	Fadime Gökçe	Compact and matrix mappings on the space $ A_{f^{\theta}} _k$
6A	Fırat Özaraç	Tauberian Theorems for the Weighted Mean Summability Methods of Integrals
Chair: İ.Naci Cangül		
6B	Yılmaz Şimşek	On Parametrization of the q-Bernstein Basis Functions
6B	Kübra Erdem Biçer	A numerical approximation based on collocation method for the solutions of telegraph equation
6B	Ezgi Kaya	A generalization on the Incidence Energy and Laplacian-Energy-Like Invariant
6B	İrem Küçükoglu	A note on the numbers $Y_n(\lambda)$ and the polynomials $Y_n(x; \lambda)$ and their generating functions
6B	Elif Çetin	Remarks and observations on some special arithmetical sums
6B	Ahmet Aygüneş	Some Identities Associated With Hecke Operators
Chair: Mujahid Abbas		
6C	Azhar Hussain	Coincidence Best Proximity Points for Geraghty Type Proximal Cyclic Contractions
6C	Naeem Saleem	Optimal Coincidence Best Proximity Point Results in Fuzzy Metric Spaces
6C	Sartaj Ali	COMMON FIXED POINTS OF A FINITE FAMILY OF MULTIVALUED -QUASI-NONEXPANSIVE MAPPINGS IN MODULAR FUNCTION SPACES
6C	Latifa Benhamouche	Functional Quadratic Integral Equations in the $L^1_{loc}(R^+)$ space
6C	M.Hossein Sattari	On Approximate Biprojectivity of Banach Algebras
6C	Mahpeyker Öztürk	Best Proximity Points for Generalized alpha-varphi Geraghty Proximal Contraction Mapping in Elliptic Valued Metric Space
Chair: Djamel Meraghini		
6D	Eqab Rabei	The Treatment of Fractional Singular Lagrangian
6D	Salih Aytar	Some Rough Convergent Criteria for The Sequences of Intervals of Fuzzy Numbers
6D	Ulaş Yamancı	Berezin number inequality for convex function in Reproducing Kernel Hilbert Space
6D	Zuhier Altawallbeh	Semiregularization Of Almost Countably Compact Spaces
6D	Ghulam Murtaza	A characterization of the two-weight inequality for Riesz potentials on cones of radially decreasing functions
6D	Ceren Çelik	On power inequalities for Berezin number of operators and convex functions

Chair: Erhan Deniz

7A	Mustafa Yılmaz	On Gauss Balancing and Gauss Cobalancing Numbers
7A	Evrin Akalan	A Generalization of Hereditary Noetherian Prime Rings
7A	Ümit Sarp	The Absolute Möbius Divisor Function and Euler Phi-function
7A	Nazlı Yıldız İkikardeş	Solutions of $\sum_{d n} \sigma(d) = \sigma(n+1)$ when $n+1$ has three distinct odd primes
7A	Sibel Koparal	Some Permanents of Hessenberg Matrices

Chair: Şükran Konca

7B	Adel Almaarashi	Approximation Solution Of System Of Volterra Integro Differential Using Finite Element Method
7B	Khaled Nawafleh	Laplace Transform of Fractional Differential Equations
7B	Hediye Sarıkaya	On the difference method for approximating of second order derivatives of a solution of Laplaces equation in a rectangular parallelepiped
7B	Mohammad Al-Hawari	Bounds for the Zeros of Polynomials By Using Similar Matrices
7B	İsmail Ekincioglu	Kolmogorov Inequality on Variable Exponent Lebesgue Spaces

Chair: Arzu Akgül

7C	İbrahim Şentürk	On the Determination of Validity of Categorical Syllogisms by Using a Mathematical Model
7C	Emel Aşıcı	An overview of ordering based on nullnorms
7C	Seda Oğuz Ünal	Notes on Permuting tri-derivations on Prime and Semi-prime Rings
7C	Ali Aydoğdu	On The Relationship Between A Family of Fibonacci And Lucas Numbers
7C	Abdurrahman Büyükkaya	Suborbital Graphs for a Non-Transitive Action of the Normalizer

Chair:Naeem Saleem

7D	Abdul Liman	Refinement of some inequalities concerning to B_n -operator of polynomials with restricted zeros
7D	Lubna Shah	Applications of the Schwarz Lemma to Inequalities for Polynomials with Restricted Zeros
7D	Vali Mohammad Shah	GROWTH OF MAXIMUM MODULUS OF POLYNOMIALS AND RATIONAL FUNCTIONS IN THE COMPLEX DOMAIN
7D	Öznur Özkan Kılıç	Coefficient Bounds for a Subclass of Analytic Functions with Respect to Symmetric Points
7D	Halil Snopçe	Optimization of an Execution Time for Parallel Matrix Multiplication by adding a New Set of Processors on the Array

Chair: Azhar Hussain		
8A	Asgar Ahmadkhanlu	On the existence and uniqueness of positive solution for a fractional boundary value problem with new fractional derivative
8A	Vahid Roomi	Existence of Homoclinic Orbit in Generalized Planar System of Lienard Type
8A	Mohammad Ilmakchi	Hypersurfaces of a Kenmotsu Space Form
8A	Smail Yousfi	Control of the performance of the panel of judge in sensory analysis by a functional principal component analysis of probability densities function
Chair: Michael Filippakis		
8B	Naima Aissa	global existence of solutions to a chemotaxis system
8B	Mohammad Aloroud	An Efficient Analytical-Numerical Technique for Handling Model of Fuzzy Differential Equations of Fractional-Order
8B	Ali Deliceoğlu	Streamline topology of vortex breakdown bubbles near the re-entrant corner
8B	Nihal Yokuş	Spectral properties of discrete Klein-Gordon equations
Chair: Sadek Bouroubi		
8C	Brahim Brahimi	Estimating the distortion parameter of the proportional hazards premium for heavy-tailed losses
8C	Fatah Benatia	Copula conditional tail expectation for multivariate financial risks
8C	Ahmad Pasvahand	A boundary value problem for an irrational order partial equation
8C		
Chair: Mohammed Al-Smadi		
8D	Necir Abdelhakim	Gaussian approximation of a new tail index estimator for right-censored Pareto-type distributions
8D	Edress Mohamed Ammar	Modelling Asymmetric Magnetic Recording Heads with an Underlayer Using Superposition
8D	Sadri Alija	An Application of Decision Tree for Evaluating a Classroom Teaching Practice
8D	Md. Abu Talhamainuddin Ansary	SQCQP Descent Scheme for Multi-objective Optimization Problem



Chair: Qais Mustafa Abdulqader		
9A	Abdullah Kaplan	Semi-Empirical Systematic Development for Photon Induced Nuclear Reaction Cross Section Calculations
9A	Veli Cabalı	A New Developed Semi-Empirical Formula for Nuclear Reaction Cross Section Calculations
9A		
9A		
Chair: Brahim Brahimi		
9B	Salih Tekin	Capacity Sizing and Pricing with Heterogeneous Products and Flexible Resources
9B	Kadir Ertoğral	A FIX-AND-OPTIMIZE HEURISTIC FOR THE INTEGRATED FLEET SIZING AND REPLENISHMENT PLANNING PROBLEM WITH PREDETERMINED DELIVERY FREQUENCIES
9B	Murat Kılıç	The Le Corbusier Approach in the Relationship between Architecture and Mathematics
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9C	Rabia Savaş	Lambda- Statistically Convergence via Double Functions
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