

International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2014) Detailed Program

06.11.2014	9:00-12:00 Registration
06.11.2014	12:00-13:00 Lunch
ROOM 1 (06.11.2014, 13:00-14:45)	
13:00-13:45	Chair: Esra Erkus Duman, Gazi University The Navier-Stokes equations - a never ending challenge? Werner Varnhorn
13:45-14:30	Chair: Fatma Aydin Akgun, Yildiz Technical University On the Fine Spectra of n-th Band Triangular Matrices P.D. Srivastava
ROOM 1 (06.11.2014, 14:40-16:00)	
14:40-15:00	Chair: Yasunori Kimura, Toho University • Statistical Convergence and Some Questions of Operator Theory Mehmet Gurdal
15:00-15:20	• Continuity Of Superposition Operators On The Double Sequence Spaces of Maddox Nihan Gungor
15:20-15:40	• Description of Bloch Spaces and Their Invariant Subspaces, and Related Questions Ulas Yamana
15:40-16:00	• On The Rough Statistically Cauchy Sequences Salih Aytar
ROOM 2 (06.11.2014, 14:40-16:00)	
14:40-15:00	Chair: P.D. Srivastava, Indian Institute of Technology Kharagpur • A New Difference Sequence Set of Order alpha and Its Geometrical Properties Vatan Karakaya
15:00-15:20	• Some Paranormed Difference Sequence Spaces of Order m Derived by Generalized Means and Compact Operators Amit Maji
15:20-15:40	• On Fine Spectra and Subspectrum (Approximate Point, Defect and Compression) of Operator with Periodic Coefficients Necip Simsek
15:40-16:00	• On Compactness of the Hardy Operator in the Weighted Space $L^p(\cdot)(0, \infty)$ Lutfi Akin
ROOM 3 (06.11.2014, 14:40-16:00)	
14:40-15:00	Chair: Emine Misirli, Ege University • Energy Conservation for the 3-Coupled Nonlinear Schrodinger Equation by Using the Average Vector Field Method Ayhan Aydin
15:00-15:20	• Stability and Accuracy of Time-Stepping Schemes for a Second-Order Wave Equation Samir Karaa
15:20-15:40	• Eigenvalue Asymptotics and a Trace Formula for the Linear Damped Wave Equation Ahu Ercan
15:40-16:00	• Taylor Series Solution of Ordinary Differential Equations Fathi Allan

ROOM 4 (06.11.2014, 14:40-16:00)

14:40-15:00-15:20-15:40-16:00	Chair: Oktay Duman, TOBB University of Economics & Technology
	• Inverse Problem of Finding Diffusion Coefficient in Heat Equation with Nonlocal Boundary Conditions Bulent Ogur
	• Determination of a Time Dependent Diffusion Coefficient of a Quasilinear Parabolic Equation in the Case of Nonlocal Conditions Fatma Kanca
	• Existence of Solutions of Fractional Boundary Value Problems with p-Laplacian Operator Sinem Unul
• Asymptotic Behaviour of Solutions to Initial Boundary Value Problems for Marine Riser Equations Muge Meyvaci	

ROOM 5 (06.11.2014, 14:40-16:00)

14:40-15:00-15:20-15:40-16:00-16:20	Chair: Toshiaki Adachi, Nagoya Institute of Technology
	• Dual Transformations and One-Parameter Motions Gulsum Yuca
	• On The Higher Order Gaussian Curvatures In Lorentz Space Ayşe Yasar Yavuz
	• A Study on Involute-Evolute Curves in Euclidean 3-space Vildan Bacak
	• A New Curvature like Tensor Field in an Almost Contact Riemannian Manifold Koji Matsumoto
• Frenet ruled surfaces along the evolute-involute curves, according to their normal vector fields in Euclidean 3-space Seyda Kilicoglu	

ROOM 6 (06.11.2014, 14:40-16:00)

14:40-15:00-15:20-15:40-16:00	Chair: Necip Simsek, Istanbul Commerce University
	• Generalized Weighted Norlund Mean and Ideal Convergence Orhan Tug
	• Application of Summability Process on Baskakov-Type Korovkin Theory Ismail Aslan
	• Infinite Matrices and Invariant Means Rahmet Savas Eren
• Equivalent Norms in Nikol'skij-Triebel-Morrey Spaces and Lizorkin-Triebel-Morrey Spaces Merey Sautbekova	

16:00-16:20 Coffee Break**ROOM 1 (06.11.2014, 16:20-17:40)**

16:20-16:40-17:00-17:20-17:40	Chair: Mikail Et, Firat University
	• On the Fine Spectrum of the Operator $B(r,s,t)$ over the Class of Convergent Series Merve Abay
	• On Lacunary Difference Sequence of Fuzzy Numbers Hifsi Altinok
	• Lacunary Statistical Convergence of Order α in Probabilistic Normed Spaces Mahmut Isik
• On New Cesaro-Orlicz Double Difference Sequence Space Oguz Ogur	

ROOM 2 (06.11.2014, 16:20-17:40)Chair: **Tunay Bilgin, Yuzuncu Yil University**

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| 16:20-16:40 | <ul style="list-style-type: none">On Boundedness of Fractional Maximal Operator in the Weighted $L^p(\cdot)(0,1)$ Space Yusuf Zeren |
| 16:40-17:00 | <ul style="list-style-type: none">On the Spectrum of the Product Operator W on the Sequence Space bv Ezgi Erdogan |
| 17:00-17:20 | <ul style="list-style-type: none">On the Fine Spectra of a New Matrix Operator over the Sequence Spaces c_0 and c Sumeyra Elmaci |
| 17:20-17:40 | <ul style="list-style-type: none">Existence of Fixed points for Continuous Operators in Banach Spaces Using Measure of Noncompactness and Under an Integral Condition Nour H. Bouzara |

ROOM 3 (06.11.2014, 16:20-17:40)Chair: **Yilmaz Simsek, Akdeniz University**

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| 16:20-16:40 | <ul style="list-style-type: none">Some Inequalities Associated with the Hermite-Hadamard-Fejer Type for Convex Function Samet Erden |
| 16:40-17:00 | <ul style="list-style-type: none">Fejer type inequalities for Logarithmically Convex Functions Merve Avci Ardic |
| 17:00-17:20 | <ul style="list-style-type: none">Hermite-Hadamard-Fejer Type Inequalities Hatice Yaldiz |
| 17:20-17:40 | <ul style="list-style-type: none">Some Inequalities Involving the Fermi-Dirac and Bose-Einstein Functions Asifa Tassaddig |

ROOM 4 (06.11.2014, 16:20-17:40)Chair: **Marek T. Malinowski, University of Zielona Gora**

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| 16:20-16:40 | <ul style="list-style-type: none">Maximum Principle of Stochastic Switching Systems with Constraints Charkaz Aghayeva |
| 16:40-17:00 | <ul style="list-style-type: none">A New Approach to Differential Evolution Algorithm for Solving Stochastic Programming Problems Ali Mohamed |
| 17:00-17:20 | <ul style="list-style-type: none">Stochastic Modelling and Inference of Model Parameters in Complex Biochemical Systems Vilda Purutcuoglu |
| 17:20-17:40 | <ul style="list-style-type: none">Fuzzy and Set-Valued Stochastic Differential Equations Marek T. Malinowski |

ROOM 5 (06.11.2014, 16:20-17:40)Chair: **Ismail Naci Cangul, Uludag University**

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| 16:20-16:40 | <ul style="list-style-type: none">On Relative Homology Groups of Khalimsky Spaces Tane Vergili |
| 16:40-17:00 | <ul style="list-style-type: none">An Algorithm for some Small Dimensional Representations Kubra Gul |
| 17:00-17:20 | <ul style="list-style-type: none">Soft Completely Simple Semigroups Mehmet Kalkan |
| 17:20-17:40 | <ul style="list-style-type: none">A note on a functional identity on Lie ideals Nihan Baydar Yarbil |

ROOM 6 (06.11.2014, 16:20-17:40)

	Chair: Emine Misirli, Ege University
16:20-16:40	<ul style="list-style-type: none">Numerical Solution of Burger Equation by Using General Frechet Derivatives Combined with Differential Quadrature Neslisah Imamoglu
16:40-17:00	<ul style="list-style-type: none">A New Operator Splitting Method for Non-linear Systems and its Abstract Analysis Sila Ovgu Korkut
17:00-17:20	<ul style="list-style-type: none">Convergence Analysis of Strang Splitting Method for Burgers-Huxley Equation Yesim Cicek
17:20-17:40	<ul style="list-style-type: none">Numerical Solution of System of Nonlinear Fredholm and Volterra Integral Equations Using Haar Wavelet Imran Aziz

17:40-18:00 Coffee Break**ROOM 1 (06.11.2014 18:00-19:20)**

	Chair: Mehmet Gurdal, Suleyman Demirel University
18:00-18:20	<ul style="list-style-type: none">On Lacunary Statistical Convergence of Order α of Difference Sequences Mikail Et
18:20-18:40	<ul style="list-style-type: none">Statistical Convergence of Multiple Sequences on a Product Time Scale Yavuz Altin
18:40-19:00	<ul style="list-style-type: none">Some Sequence Spaces Defined by the Weighted Mean Method and Modulus Function Selma Altundag
19:00-19:20	<ul style="list-style-type: none">Lacunary Invariant Statistical Convergence of Sequences of Sets with Respect to a Modulus Function Nimet Pancaroglu

ROOM 2 (06.11.2014 18:00-19:00)

	Chair: Naim Braha, University of Prishtina
18:00-18:20	<ul style="list-style-type: none">Excess of Retro Banach Frames Geetika Khattar
18:20-18:40	<ul style="list-style-type: none">Abstract Harmonic Analysis on Spacetime Poincare Group Kahar El Hussein
18:40-19:00	<ul style="list-style-type: none">On Boundedness of Singular Integral Operators Generated by Bessel Generalized Shift Operator In Weighted Beppo-Levi Spaces Serap Guner
19:00-19:20	<ul style="list-style-type: none">Short proof of Morley's Congruence Nora Mahloul

ROOM 3 (06.11.2014 18:00-19:00)

	Chair: Yilmaz Simsek, Akdeniz University
18:00-18:20	<ul style="list-style-type: none">Integral Inequalities for Log-convex Functions via Riemann-Liouville Fractional Integrals Ahmet Ocak Akdemir
18:20-18:40	<ul style="list-style-type: none">Sharp Markov-type Inequalities for Rational Functions on Several Intervals Mehmet Ali Akturk
18:40-19:00	<ul style="list-style-type: none">Fractional Spaces Generated by the Positive Difference Operator in the Half-line \mathbb{R}^+ and Their Applications Sema Akturk
19:00-19:20	<ul style="list-style-type: none">An Improved R-order of convergence for solving nonlinear equations Jai Prakash Jaiswal

ROOM 4 (06.11.2014 18:00-19:00)

18:00-18:20	Chair: Vilda Purutcuoglu, Middle East Technical University • Scalarization Methods in Multiobjective Optimization Refail Kasimbeyli
18:20-18:40	• A Multi-Criteria Neutrosophic Group Decision Making Method Based TOPSIS for Supplier Selection Ridvan Sahin
18:40-19:00	• Optimality Conditions for Non-Lipschitz Optimization Nurullah Yilmaz

ROOM 5 (06.11.2014 18:00-19:00)

18:00-18:20	Chair: Leia Miller-Van Wieren, International University of Sarajevo • Grobner-Shirshov Bases of Some Exceptional Groups Nurten Urlu
18:20-18:40	• Relative and Tate Homology with Respect to Semidualizing Modules Zhenxing Di
18:40-19:00	• Some Statistical Cluster Point Theorems Leila Miller-Van Wieren

ROOM 6 (06.11.2014 18:00-19:00)

18:00-18:20	Chair: Ghiocel Groza, Technical University of Civil Engineering of Bucharest • Numerical Solution of an Integral Equation for Perpetual Bermudan Options Ghada Alobaidi
18:20-18:40	• Numerical Approach for Solving Fractional Pantograph Equation Ayşe Anapali
18:40-19:00	• Numerical Approach for Magneto-Hydrodynamic Flow Passed Through a Wedge Murat Gubes
19:00-19:20	• Numerical and Exact Solutions for Time Fractional Nonlinear Equation Dogan Kaya

ROOM 1 (07.11.2014, 09:00-10:30)

8:45-9:30	Opening Ceremony
9:30-10:15	Chair: Ekrem Savas, Istanbul Commerce University Boundary Value Problems for Delay Differential Equations Ravi P. Agarwal

10:15-10:30 Coffee Break**ROOM 1 (07.11.2014, 10:30-12:10)**

10:30-10:50	Chair: Huseyin Cakalli, Maltepe University • Ideal Statistical Quasi Cauchy Sequences Huseyin Cakalli
10:50-11:10	• Deferred Statistical Convergence of Order Alpha Fatih Temizsu
11:10-11:30	• Matrix Transformation of Statistically Convergent Sequences of Interval Numbers Shyamal Debnath
11:30-11:50	• Statistical Convergence and C*-Operator Algebras M. Birgul Huban
11:50-12:10	• Lacunary Statistically Upward Continuity Huseyin Cakalli

ROOM 2 (07.11.2014, 10:30-12:10)

	Chair: Lubomira Softova, Second University of Napoli
10:30-10:50	• On the Travelling Wave Solutions of a Generalized Zakharov-Kuznetsov Equation Dimpho Mothibi
10:50-11:10	• Convergence Analysis and Numerical Solution of Benjamin-Bona-Mahony Equation by Lie-Trotter Splitting Fatma Zurnaci
11:10-11:30	• Benjamin-Bona-Mahony equation with Variable Coefficients: Conservation Laws Chaudry Masood Khalique
11:30-11:50	• On the Solvability and Maximal Regularity of Complete Abstract Differential Equations of Elliptic Type with General Robin Boundary Conditions in Holder Spaces Mustapha Cheggag
11:50-12:10	• Maximum Norm Analysis of a Nonmatching Grid Method for Semilinear Elliptic Variational Inequalities Messaoud Boulbrachene

ROOM 3 (07.11.2014, 10:30-12:10)

	Chair: Young Lee, Manchester University
10:30-10:50	• Probability Theory on a Topological Monoid of Strings and Its Application to Statistical Machine Learning Hitoshi Koyano
10:50-11:10	• Fuzzy Uncertainty Measure in the Residual Life Time Distribution Mirza Baig
11:10-11:30	• Distribution of First Passage Times for Lumped States in Markov Chains Murat Gul
11:30-11:50	• A Bayesian Estimation of Traffic Intensity in M/M/Infinity Queue Under Different Loss Functions Braham Hayette
11:50-12:10	• A Branch and Bound Based Method to Solve the Multi-Objective Minimum Spanning Tree Problem M. El-Amine Chergui

ROOM 4 (07.11.2014, 10:30-11:50)

	Chair: Ziyatkhan Aliyev, Baku State University
10:30-10:50	• Charge or Dipole Simulation Method for Approximations of Complex Analytic Functions Hidenori Ogata
10:50-11:10	• On a Nonlinear Problem Intervening in Relativistic Quantum Mechanics Perturbed by a Factor of Amortisement Said Mohamed Said
11:10-11:30	• Stabilized Mixed Finite Element Method Q1-Q0 for the Generalized Stokes Problem Chibani Alima
11:30-11:50	• On a Canonical Form for Maxwell Equations by Geometrical Calculus and Convergence of Finite Element Schemes for a Vlasov-Maxwell System Mohammad Asadzadeh

ROOM 5 (07.11.2014, 10:30-12:10)

	Chair: Werner Varnhorn, Kassel University
10:30-10:50	• Approximation Properties of Chlodowsky-Durrmeyer Type q-Bernstein-Schurer-Stancu Operators Tuba Vedi
10:50-11:10	• Approximation by q-Balazs-Szabados Operators Nazim Mahmudov
11:10-11:30	• Approximation by Chlodowsky Type q-Jakimovski-Leviatan Operators Ozge Dalmanoglu
11:30-11:50	• Approximation Properties of Max-Product Operators Engin Sari
11:50-12:10	• Approximation Properties of weighted q-Kantorovich Type Operators in a Compact Disks Mustafa Kara

ROOM 6 (07.11.2014, 10:30-12:10)

10:30-10:50	Chair: Deepmala, Indian Statistical Institute <ul style="list-style-type: none"> A Study on Solvability of Functional Equations Arising in Dynamic Programming Deepmala
10:50-11:10	<ul style="list-style-type: none"> $L^{(p)}_m_v(G)$-Boundedness of Localization Operators Involving Watson Transform Associated to Regular Representations and Wavelet Multipliers Santosh Kumar Upadhyay
11:10-11:30	<ul style="list-style-type: none"> Animation and Graphics to Understand Mathematics Fairouz Tchier
11:30-11:50	<ul style="list-style-type: none"> Discovering Knowledge in Mathematics and Dynamic Modeling Halil Ardahan

LUNCH BREAK (12:10-13:00)**ROOM 1 (07.11.2014, 13:00-14:30)**

13:00-13:45	Chair: Marek T. Malinowski, University of Zielona Gora Calderon-Zygmund Theory for Divergence form operators in Generalized Morrey Spaces Lubomira Softova
13:45-14:30	Chair: Dogan Kaya, Istanbul Commerce University Entanglement of Nanoresonator Interacting with Two Qubit Mahmoud Abdel-Aty

ROOM 1 (07.11.2014, 14:30-16:10)

14:30-14:50	Chair: Mahpeyker Ozturk, Sakarya University <ul style="list-style-type: none"> Notes on Banach Contraction Principle (30-min presentation) Erdal Karapinar
14:50-15:10	<ul style="list-style-type: none"> Some Fixed Point Theorems for a Hybrid Type of Bogin-Popescu Mappings in Complete Metric Spaces Narin Petrot
15:10-15:30	<ul style="list-style-type: none"> On The Fixed Points for Pointwise Lipschitzian Semigroups in Modular Function Spaces Buthinah A. Bin Dehaish
15:30-15:50	<ul style="list-style-type: none"> Iterative Schemes and Common Fixed Point Problems on a Complete Geodesic Space Yasunori Kimura
15:50-16:10	<ul style="list-style-type: none"> Fixed Point Theorems for Weakly T-Chatterjea and Weakly T-Kannan Contractions in b-Metric Spaces Zead Mustafa

ROOM 2 (07.11.2014, 14:30-16:10)

14:30-14:50	Chair: Charkaz Aghayeva, Anadolu University <ul style="list-style-type: none"> An Iterative Method for Solving a Combined Inverse Problem of Reservoir Parameters Identification Aliya Azhibekova
14:50-15:10	<ul style="list-style-type: none"> A differential equation model for the dynamics of youth gambling Young Lee and Taesug Do
15:10-15:30	<ul style="list-style-type: none"> Time Series Forecasting Using Box-Jenkins Methodology :Application on Census Data in Iraq Qais Mustafa Abdulqader
15:30-15:50	<ul style="list-style-type: none"> Probability-Theoretic Foundations of International Trade Models Andrei Matveenko
15:50-16:10	<ul style="list-style-type: none"> Mathematical Model of a Jet Breakup: Theoretical and Experimental Study Muhammad Irfan Hameed

ROOM 3 (07.11.2014, 14:30-16:10)

14:30-14:50	Chair: Ahmet Sinan Cevik, Selcuk University • 2-Quadratic Modules of Algebras Hasan Atik
14:50-15:10	• Peiffer Ideals, Precrossed Modules and Crossed Modules of R-Algebroids Osman Avcioglu
15:10-15:30	• On Binomial Transformations of a Product of Rising and Falling Factorials Halit Ozturk
15:30-15:50	• A Note on Derivations in Rings and Banach Algebras Mohd Arif Raza
15:50-16:10	• A Generalization of Gershgorin Circles Mao-Ting Chien

ROOM 4 (07.11.2014, 14:30-16:10)

14:30-14:50	Chair: Nihat Ayyildiz, Suleyman Demirel University • Pretopologies for Structuring the Digital Plane Josef Slapal
14:50-15:10	• Topological Indices of Subdivision Graphs Ismail Naci Cangul
15:10-15:30	• Nash Equilibrium for Binary Convexities Taras Radul
15:30-15:50	• On H_{θ} -Open Sets and Modifications on Hereditary Generalized Topological Spaces Umit Karabiyik
15:50-16:10	• Mixed δ Semi Prefuzzy Topological Spaces and Some Results of Separation Axioms in Mixed δ Semi Prefuzzy Topological Spaces Anjan Mukherjee

ROOM 5 (07.11.2014, 14:30-16:10)

14:30-14:50	Chair: Deepmala, Indian Statistical Institute • A Maximum Modulus Estimate for the Steady Stokes Equations Werner Varnhorn
14:50-15:10	• On the Behavior of a Class of p-Adic Dynamical Systems Hasan Akin
15:10-15:30	• Linear Parabolic Boundary-Value Problems in Generalized Morrey Spaces Lubomira Softova
15:30-15:50	• On Certain Estimates for the Littlewood-Paley Operator along Surfaces of Revolution Mohammed Ali
15:50-16:10	• Approximate Solutions to a Problem of Two Moving Boundaries Governed with Fractional Time Derivative in Drug Release Devices Rajeev

ROOM 6 (07.11.2014, 14:30-16:10)

14:30-14:50	Chair: Vilda Punutcuoglu, Middle Technical University • Large Sample Variance of Simulation Using Refined Descriptive Sampling Megdouda Ourbih-Tari
14:50-15:10	• Estimation of the Precision Matrix of an Elliptically Symmetric Distribution Fatiha Mezoued
15:10-15:30	• Implementation of Public-Key Cryptosystems on Embedded Devices Noureddine Chikouche
15:30-15:50	• Multi Spectral Image Classification by Nonparametric Regression Splines Semih Kuter
15:50-16:10	• Main Chaos-Based Image Encryption Algorithms Ibtissem Talbi

Coffee Break 16:10-16:30

ROOM 1 (07.11.2014, 16:30-17:50)

16:30-16:50	Chair: Salih Aytar, Suleyman Demirel University <ul style="list-style-type: none">Rate of Convergence of Generalized Favard-Szasz Type Operators Sevilay Kirci Serenbay
16:50-17:10	<ul style="list-style-type: none">On the Riesz Basis Property of Eigenfunctions of One Boundary-Value Problem with Transmission Conditions Hayati Olgar
17:10-17:30	<ul style="list-style-type: none">Some Geometric Properties Related to the Second Order Cesaro Operators Naim Braha
17:30-17:50	<ul style="list-style-type: none">On the Domain of Riesz Mean in the Space L_s Feyzi Basar

ROOM 2 (07.11.2014, 16:30-17:50)

16:30-16:50	Chair: Allaberen Ashyralyev, Fatih University <ul style="list-style-type: none">Weak Solution and Exact Controllability of the Caputo's Fractional Cauchy Problem of Order α with $1 < \alpha < 2$ Rachid Boukhamla
16:50-17:10	<ul style="list-style-type: none">Cauchy Type Problem for Nonlinear Fractional Integro-Differential Equations with Multivariate Mittag-Leffler Function in the Kernel Mehmet Ali Ozarslan
17:10-17:30	<ul style="list-style-type: none">A Second Order of Accuracy Difference Scheme for a Fractional Schrodinger Differential equation Betul Hicdurmaz
17:30-17:50	<ul style="list-style-type: none">A Survey of Results in the Investigation of the Structure of Fractional Spaces Generated by Positive Operators in Banach Spaces Allaberen Ashyralyev

ROOM 3 (07.11.2014, 16:30-17:50)

16:30-16:50	Chair: Ahmet Sinan Cevik, Selcuk University <ul style="list-style-type: none">On the Basis number of the Wreath Product of Paths with Wheels and Some Related Problems Mohammed Jaradat
16:50-17:10	<ul style="list-style-type: none">Groups and Graphs Utku Yilmazturk
17:10-17:30	<ul style="list-style-type: none">New Indices on Special Graphs Ahmet Sinan Cevik
17:30-17:50	<ul style="list-style-type: none">Groups and Irreducible Character Degrees Temha Erkok

ROOM 4 (07.11.2014, 16:30-17:50)

16:30-16:50	Chair: Doğan Kaya, Istanbul Commerce University <ul style="list-style-type: none">Necessary and Sufficient Conditions for the Solvability of Inverse Problem for a Class of Dirac Operators Ozge Akcay
16:50-17:10	<ul style="list-style-type: none">On Some Properties of the B-convex Functions Ilknur Yesilce
17:10-17:30	<ul style="list-style-type: none">On the Existence of Positive Solutions for the One-Dimensional p-Laplacian Boundary Value Problems on Time Scales Abdulkadir Dogan
17:30-17:50	<ul style="list-style-type: none">The Variational Principle and Complexity of Z^n Actions Bunyamin Aydin

ROOM 5 (07.11.2014, 16:30-17:50)

16:30-16:50	Chair: Mohammad Asadzadeh, Chalmers University of Technology <ul style="list-style-type: none"> Global Attractors for Quasilinear Parabolic-Hyperbolic Equations Governing Longitudinal Motions of Nonlinearly Viscoelastic Rods Suleyman Ulusoy
16:50-17:10	<ul style="list-style-type: none"> General Stability in Memory-Type Thermoelasticity with Second Sound Muhammad Mustafa
17:10-17:30	<ul style="list-style-type: none"> Generalized Plane Deformation Solutions of the Shallow Located Cavity at the Anisotropic Rock Massif under the Actions of Elastic SH-Waves Lyazzat Atymtayeva
17:30-17:50	<ul style="list-style-type: none"> One Dimensional Model of Biodegradable Elastic Curved Rods Bojan Zucec

ROOM 6 (07.11.2014, 16:30-17:50)

16:30-16:50	Chair: Huseyin Cakalli, Maltepe University <ul style="list-style-type: none"> Composition Operators on Lorentz-Karamata-Bochner Spaces Neha Bhatia
16:50-17:10	<ul style="list-style-type: none"> Riesz Idempotent and Generalized Weyl's Theorem for k-Quasi Class $A^*(n)$ Operator Ilmi Hoxha
17:10-17:30	<ul style="list-style-type: none"> Weyl Type Theorems for Unbounded Hyponormal Operators Anuradha Gupta
17:30-17:50	<ul style="list-style-type: none"> Homogenized Hydrodynamic Limits of a Semiconductor Boltzmann-Poisson System Mohamed Lazhar Tayeb

Coffee Break 17:50-18:10**ROOM 1 (07.11.2014, 18:10-20:10)**

18:10-18:30	Chair: Feyzi Basar, Fatih University <ul style="list-style-type: none"> On Some Fixed Point Results for Hybrid Rational A-Type Contractive Mappings Mahpeyker Ozturk
18:30-18:50	<ul style="list-style-type: none"> Some Convergence Results for Nonexpansive Mappings in Uniformly Convex Hyperbolic Spaces Aynur Sahin
18:50-19:10	<ul style="list-style-type: none"> Non-linear Characterization of Some Banach Spaces Maatougui Belaala
19:10-19:30	<ul style="list-style-type: none"> On a Kirk-MP Iteration Process Kadri Dogan
19:30-19:50	<ul style="list-style-type: none"> On a Kirk-Type New Iteration Process Yunus Atalan
19:50-20:10	<ul style="list-style-type: none"> On the Stability of Picard-Kirk-S Iterative Method Faik Gursoy

ROOM 2 (07.11.2014, 18:10-19:50)

18:10-18:30	Chair: Mohammad Asadzadeh, Chalmers University of Technology <ul style="list-style-type: none"> Stabilization in a n Species Chemotaxis System with a Logistic Source Wenjia Wang
18:30-18:50	<ul style="list-style-type: none"> Global existence and asymptotic properties of the solution to a two-species chemotaxis system Qingshan Zhang
18:50-19:10	<ul style="list-style-type: none"> Homogenization of the membrane model of perforated shell Ait Yahia Mohamed Mourad Lhannafi
19:10-19:30	<ul style="list-style-type: none"> Bipass Flow with Dominant Poloidal Component Al Haji Bachtiar
19:30-19:50	<ul style="list-style-type: none"> On the Detection of an Inclusion Immersed in a Fluid by Shape Optimization Methods Chahnaz Zakia Timimoun

ROOM 3 (07.11.2014, 18:10-19:50)

18:10-18:30	Chair: Ali M. Akhmedov, Baku State University <ul style="list-style-type: none"> On the Uniform Convergence of the Fourier Series for one Spectral Problem with a Spectral Parameter in a Boundary Condition Emir Ali Maris
18:30-18:50	<ul style="list-style-type: none"> Oscillation Theorem for one Spectral Problem Ziyatkhan Aliyev
18:50-19:10	<ul style="list-style-type: none"> The New Method of the Fine Spectrum of a Class of Operator-Matrix in Some Sequence Spaces Ali M. Akhmedov
19:10-19:30	<ul style="list-style-type: none"> Bounds for Oscillatory Singular Integrals on R^n Hussain Al-Qassem
19:30-19:50	<ul style="list-style-type: none"> On the Integral of Products of Higher-Order Bernoulli and Euler Polynomials M. Cihat Dagli

ROOM 4 (07.11.2014, 18:10-19:50)

18:10-18:30	Chair: Ghiocel Groza, Technical University of Civil engineering of Bucharest <ul style="list-style-type: none"> Computing Fresnel Integrals via Modified Trapezium Rules Mohd Al-Azah
18:30-18:50	<ul style="list-style-type: none"> Numerical Solution of Non-Linear Equations via Multiplicative Calculi Tolgay Karanfiller
18:50-19:10	<ul style="list-style-type: none"> A Morgan-Voyce Collocation Method for Numerical Solution of Generalized Pantograph Equations Ozgul Ilhan
19:10-19:30	<ul style="list-style-type: none"> Functions Represented into a Newton Interpolating Series and Applications Ghiocel Groza
19:30-19:50	<ul style="list-style-type: none"> Numerical Simulation by Volume Method of a Turbulent Flame Diffusion a (Non-Premixed) by Injecting a Burner Natural Gas AbdelKader Djerad
19:50-20:10	<ul style="list-style-type: none"> Numerical Study of a Problem from Fluid Mechanics Long Gravity Waves "Tsunami" Aicha Bousaha

ROOM 5 (07.11.2014, 18:10-20:10)

18:10-18:30	Chair: Allaberen Ashyralyev, Fatih University <ul style="list-style-type: none"> Second-Order Operator-Differential Equations with Transmission Conditions Oktay Mukhtaroglu
18:30-18:50	<ul style="list-style-type: none"> Inverse Nodal Problem for p-Laplacian Sturm Liouville Equation Hikmet Kemaloglu
18:50-19:10	<ul style="list-style-type: none"> Two-Interval Sturm-Liouville Differential Operators in Direct Sum Spaces Kadriye Aydemir
19:10-19:30	<ul style="list-style-type: none"> New Integral Operator for Solution of Differential Equations Ali Ozyapici
19:30-19:50	<ul style="list-style-type: none"> New Integral Inequalities of Ostrowski Type for Quasi-Convex Functions With Applications Alper Ekinci
19:50-20:10	<ul style="list-style-type: none"> A Note on Delay Parabolic Equations Deniz Agirseven

ROOM 6 (07.11.2014, 18:10-20:10)

18:10-18:30	Chair: Ibrahim Canak, Ege University • Sufficient Tauberian Conditions for the Weighted Mean Summability of Sequences of Fuzzy Numbers Sefa Anil Sezer
18:30-18:50	• A Tauberian Theorem for the Power Series Method of Summability Umit Totur
18:50-19:10	• Some Tauberian Theorems for the Logarithmic Integrability Method M. Ali Okur
19:10-19:30	• A One-Sided Theorem for the Product of Abel and Cesaro Summability Methods Yilmaz Erdem
19:30-19:50	• Some Tauberian Conditions for the Weighted mean Method of Summability Ibrahim Canak
19:50-20:10	• Generalization of Hausdorff Matrices Fatma Aydin Akgun

ROOM 1 (08.11.2014, 09:00-9:45)

09:00-09:45	Chair: Ziyatkhan Aliyev, Baku State University Determining Functionals for Damped Nonlinear Wave Equations Varga Kalantarov
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ROOM 1 (08.11.2014, 09:50-12:10)

09:50-10:10	Chair: Erdal Karapinar, Atilim University • Best Proximity Point Theorem for F-contraction in a Complete Metric Space Lakshmi Kanta Dey
10:10-10:30	• Generalization of Fixed Point Theorems in Quasi Cone Metric Space Relating to the Diameter of Orbits by Using a Comparison Function Eriola Sila
10:30-10:50	• Some Common Coupled Fixed Point Theorems for Rational Expressions in Complex Valued Gb-Metric Spaces Neslihan Kaplan
10:50-11:10	• Best Proximity Points for a New Proximal Contraction Amitabh Banerjee
11:10-11:30	• A New Three Step Iteration and Convergence of Pseudocontractive Mappings Balwant Singh Thakur
11:30-11:50	• Common Fixed Point Results for (F, ψ) -Contractions in Ordered Partial Metric Spaces Meltem Kaya
11:50-12:10	• Common Fixed Points of Almost Generalized Contraction on Modular Spaces Ekber Girgin

ROOM 2 (08.11.2014, 09:50-12:10)

09:50-10:10	Chair: Hideya Hashimoto, Meijo University • Center Coloring And The Other Colorings Zeynep Ors Yorgamöncioğlu
10:10-10:30	• G2-Congruence Classes of Curves in Purely Imaginary Octonions Misa Ohashi
10:30-10:50	• Some Applications of Clifford Algebra and Octonions to Differential Geometry Hideya Hashimoto
10:50-11:10	• Eigenvalues for Kaehler Graphs of Connected Product Type Yaermaimaiti Tuerxunmaiti
11:10-11:30	• Classification of Integral Curves of a Linear Vector Field on $(2n+1)$ Dimensional Semi-Euclidean Space Tunahan Turhan
11:30-11:50	• An Estimate on Volumes of Trajectory-Balls for Kaehler Magnetic Fields Toshiaki Adachi
11:50-12:10	• On The Metric Dimension of Uniform Fuzzy Graphs Regin Thangaraj

ROOM 3 (08.11.2014, 09:50-12:10)

	Chair: Harry I. Miller, International University of Sarajevo
09:50-10:10	• SBT- Hausdorff Space Guzide Senel
10:10-10:30	• The Way-Below Soft Set Relation Gozde Yaylali
10:30-10:50	• On Soft Dual Space of Soft Normed Spaces Murat Ibrahim Yazar
10:50-11:10	• Ideally Slowly Oscillating Continuity Bipan Hazarika
11:10-11:30	• Some Large Sets in Countable Integral Domains Dibyendu De
11:30-11:50	• New Shift-Compactness Results Harry I. Miller

ROOM 4 (08.11.2014, 09:50-12:10)

	Chair: Ismail Ekinçiođlu, Dumlupınar University
09:50-10:10	• On Boundedness of Multilinear Singular Integral Operators in Lorentz Spaces İsmail Ekinçiođlu
10:10-10:30	• On a Double Integral Equation Including a Set of Two Variables Polynomials Suggested by Laguerre Polynomials Cemaliye Kurt
10:30-10:50	• A Note on Integral Inequalities for n-time Differentiable Mappings Mustafa Gurbuz
10:50-11:10	• Some Convergence Theorems of Nonlinear Integral Functionals Jun Kawabe
11:10-11:30	• Theorems on Generalized Bose-Einstein and Fermi-Dirac Functions Abdelmejid Bayad
11:30-11:50	• Coincidence of Crisp and Fuzzy Functions Maliha Rashid

ROOM 5 (08.11.2014, 09:50-12:10)

	Chair: Siraj Islam, N-W.F.P. University of Engineering & Technology
09:50-10:10	• Evolution Modeling of NPZ and SIR Models with and without Diffusion Siraj-ul Islam
10:10-10:30	• On the Exact Values of Wavelet Functions Mohamed Ali Hajji
10:30-10:50	• On the Generalized Bernoulli, Euler and Genocchi Polynomials Esra Guldogan
10:50-11:10	• Controlling of Period-2 Unstable Orbits in a Bouncer System Using Patterns of H-Ranks Mantas Landauskas
11:10-11:30	• Some Families of Generating Functions for Laguerre and Charlier Types d-Orthogonal Polynomials Duriye Korkmaz Duzgun
11:30-11:50	• Contrastings on Textual Entailmentness and Algorithms of Syllogistic Logics Selcuk Topal
11:50-12:10	• More Results on the Upper Solution Bounds of the Continuous Algebraic Riccati Matrix Equation Zubeyde Ulukok

ROOM 6 (08.11.2014, 09:50-11:50)

09:50-10:10	Chair: Veli Kurt, Akdeniz University <ul style="list-style-type: none"> On Some Topological Properties of Generalized Sequence Space of Non-absolute Type Sinan Ercan
10:10-10:30	<ul style="list-style-type: none"> On Convergence Methods of Functions Defined on Time Scales Ceylan Turan
10:30-10:50	<ul style="list-style-type: none"> Weighted Statistical Convergence of Double Sequences Bayram Sözbir
10:50-11:10	<ul style="list-style-type: none"> Weighted Lacunary Statistical Convergence in a Locally Convex Topological Vector Space Sukran Konca
11:10-11:30	<ul style="list-style-type: none"> On Reciprocity Law of the $Y(h,k)$ Sums Associated with the Two and Three-Term Polynomial Relations Elif Cetin
11:30-11:50	<ul style="list-style-type: none"> On Generalized Absolute Cesaro Summability of Orthogonal Series Xhevat Z. Krasniqi
11:50-12:10	<ul style="list-style-type: none"> q-Barnes Multiple Bernoulli Polynomials Veli Kurt

Lunch Break (12:10-13:00)**EXCURSION (13:00-18:00)****ROOM 1 (09.11.2014, 08:45-9:30)**

8:45-9:00	Chair: Mahpeyker Ozturk, Sakarya University <ul style="list-style-type: none"> A Regularity Result for the Incompressible Euler Equation with a Free Interface Amjad Tuffaha
9:00-9:15	<ul style="list-style-type: none"> On Global Solutions of Fractional Evolution System Samira Rihani
9:15-9:30	<ul style="list-style-type: none"> Using Nice Ears Decomposition to approximate TSP Kheffache Rezika

ROOM 2 (09.11.2014, 08:45-9:30)

8:45-9:00	Chair: Selma Altundag, Sakarya University <ul style="list-style-type: none"> Waterloo Numbers and Their Relation to Pascal Triangle and Polygons Wajdi Ratemi
9:00-9:15	<ul style="list-style-type: none"> Commutativity up to a Factor Chellali Cherifa
9:15-9:30	<ul style="list-style-type: none"> Old and New Invariant Pseudo-Distances Defined by Pluriharmonic Functions Adel Khalfallah

ROOM 3 (09.11.2014, 08:45-9:30)

8:45-9:00	Chair: Necip Simsek, Istanbul Commerce University <ul style="list-style-type: none"> Numerical Solution for a Telegraph Equation via Bernestein Polynomials Abdelmalek Kouadri
9:00-9:15	<ul style="list-style-type: none"> Application a Generalized Exponential Model for Biometric Data Aidi Khaoula
9:15-9:30	<ul style="list-style-type: none"> Carleman Estimate for a One-Dimensional System of m-Coupled Parabolic PDEs with BV Diffusion Coefficients Hichem Ramoul

ROOM 4 (09.11.2014, 08:45-9:30)

8:45-9:00	
9:00-9:15	
9:15-9:30	

ROOM 1 (09.11.2014, 9:30-10:00)

9:30-10:00	Closing Ceremony
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POSTER SESSION I (07.11.2014, 10:30-12:00)

Chair: **Armagan Elibol, Yildiz Technical University**

- The Differential Geometry of Regular Curves on Regular Time-Like Surface

Emin Ozyilmaz

- Colorings of cycle graph with topological approach

Seher Fisekci

- Computing homology groups of complexes of matchings

Ismet Cinar

- Nonlinear Boundary Value Problems of p-Laplacian Fractional Differential Systems

Nuket Aykut Hamal

- Numerical Solutions of Boundary Integral Equation by using the Galerkin Method

Menad Bendehiba

- Boundedness of Superposition Operators On The Double Sequence Spaces Of Maddox

Birsen Sagir

- Existence of Solutions for Nonlinear Fractional Differential Equations with m-Point Integral Boundary Conditions

Tugba Senlik Cerdik

- Existence of solutions for a three-point second-order boundary value problems with integral boundary conditions

Ummahan Akcan

- Equivalent Cauchy sequences in generalized metric spaces

Elida Hoxha

- Monotone Iterative Technique and Existence Results for Fractional Functional Differential Equations

Fulya Yoruk Deren

- On positive solutions for fourth-order four-point boundary value problems with alternating coefficient on time scales

Ilkay Karaca

- Positive solutions for a singular semipositone dynamic system on time scales

Arzu Denk Oguz

- On n-normed Cesàro Sequence Space $Ces_{n,\phi}$

Cenap Duyar

- LP Boundedness for Marcinkiewicz Integrals and Extrapolation

Salti Samareh

POSTER SESSION II (07.11.2014, 14:30-16:00)

Chair: **Armagan Elibol, Yildiz Technical University**

- The study of existence and uniqueness of certain fractional differential equations

Hamid Boulares

- New Runge-Kutta Methods for Numerical Solutions of Multiplicative Initial Value Problems

Yusuf Gurefe

- Traveling Wave Solutions for Some Nonlinear Evolution Equations

Serife Muge Ege

- A note on the Solutions of the Nonlinear Fractional Differential Equations

Meryem Odabasi

- Exponential extinction for discrete Nicholson's blowflies model with nonlinear mortality and patch structure terms

Jehad Alzabut

- Risk modeling insurance IARD by decision trees and V-TEST

Khadidja Sadi

- Existence and Stability of a Damped Dave Equation with two Delayed Terms in Boundary

Zitouni Salah

- Stability in nonlinear neutral differential equations with infinite delay

Abdelouaheb Ardjouni

- Nonlinear three point boundary value problem

Nouioua Farid

- The effect of the Terrorism on Tourism in Algeria

Boudi Abdelkader

- Time series modeling a temperature data in Bechar South West of Algeria

Lahmar Habib

- Co-integration Analysis between Oil price and Algeria Inflation

Chikr Elmezouar Zouaoui

- On the Solutions of Some System of Difference Equations

Nabila Haddad

- A delay second order set-valued differential equation with Hukuhara derivatives

Wafiya Boukrouk

- Mahler Measure and Lehmer's Problem

Leila Benferhat

Posters can be either A2 or A3 size and prepared in such a way that longer dimension is vertically aligned.