

**7th International Conference on Recent Advances in Pure and Applied Mathematics
Goddess of Bodrum Isis Hotel, Bodrum/Muğla, TURKEY
September 25-28, 2020**

**7th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND
APPLIED MATHEMATICS, GODDESS OF BODRUM ISIS HOTEL, BODRUM/MUĞLA
TURKEY
SEPTEMBER 25-28, 2020**



**Note that all times indicated on the schedule are shown as UTC/GMT +3, that is the time in
TURKEY.**

Please adjust the time difference according to your time zone.

SEPTEMBER 25, 2020

Link		https://zoom.us/j/91606931441		Link		https://zoom.us/j/95437037264	
ROOM A	SESSION 1	10:30-10:45	Existence and convergence fixed point theorem for a non-lipschitzian mapping with graph Sajan Aggarwal	ROOM B	SESSION 1	10:30-10:45	Multi-Fuzzy Ring Using Multi-Fuzzy Space Abdallah Al-Husban
		10:45-11:00	Adaptive fractional residual power series method for solving coupled system of integrodifferential equations in a fractional sense Ayed Al edamat			10:45-11:00	A Block J-Lanczos Method for Hamiltonian Matrices Archid Atika
		11:00-11:15	Improvements of the Arithmetic–Geometric Mean Inequality Mohammad Al-Hawari			11:00-11:15	Strong Subordination for p-valent Functions Involving a Linear Operator Waggas Galib Atshan
		11:15-11:30	The first eigenvalue, maximum principle and regularity results for a class of Monge-Ampere type operators Cristian Enache			11:15-11:30	Extremal Graphs for Bounds on the Double Roman Domination Number Ahmed Bouchou
		11:30-11:45	Stability of the Schrödinger equation with a time varying delay term in the boundary feedback Wassila Ghecham			11:30-11:45	Spectral Disjointness Robin Harte
		Mahpeyker ÖZTÜRK Chair			Emel AŞICI Chair		

	11:45-13:30	BREAK			11:45-13:30	BREAK	
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Link		https://zoom.us/j/91606931441			Link		https://zoom.us/j/95437037264		
ROOM A	SESSION 2	13:30-13:45	Common Fixed Point Theorems for Generalized Simulation Θ_E^β –Contraction in Modular b-Metric Spaces Abdurrahman BUYUKKAYA	Mahpeyker ÖZTÜRK Chair	ROOM B	SESSION 2	13:30-13:45	On Lacunary Generalized Statistical Convergent Complex Uncertain Triple Sequence Işıl AÇIK DEMİRCİ	Emel AŞICI Chair
		13:45-14:00	Fixed Points of Multivalued Mappings for Generalized F-Contractions in Branciari b-Metric-Like Spaces Neslihan KAPLAN KURU				13:45-14:00	On Generalized Statistical Convergence via Ideal in Cone Metric Spaces Işıl AÇIK DEMİRCİ	
		14:00-14:15	Optimal Coincidence Results in Fuzzy Metric Spaces Naeem SALEEM				14:00-14:15	I-Statistically Localized Sequences of Weighted g via Modulus Functions in 2-Normed Space Mualla Birgül HUBAN	
		14:15-14:30	Multivalued Hardy-Rogers type Z-contraction and generalized simulation functions. Azhar HUSSAIN				14:15-14:30	I-Statistical Limit Superior and I-Statistical Limit Inferior of Triple Sequences Mualla Birgül HUBAN	
		14:30-14:45	Some Results on Probabilistic Space Aygül BİLGİN				14:30-14:45	On Deferred f-Statistical Boundedness Fatih TEMİZSU	
		14:45-15:00	BREAK				14:45-15:00	BREAK	

Link	https://zoom.us/j/91606931441	
ROOM A	15:00-15:45	PLENARY TALK 1
		<p>On Solving The (2+1)-Dimensional Zoomeron Equation By (1/G') -Expansion Method</p> <p>Hasan BULUT</p>
	15:45-16:00	BREAK
		CHAIR. Mahpeyker-ÖZTÜRK

Link		https://zoom.us/j/91606931441		Link		https://zoom.us/j/95437037264	
ROOM A	SESSION 3	16:00-16:15	On the existence of solutions to nonlinear Langevin equation involving two fractional orders with boundary value conditions Ali TURAB	ROOM B	SESSION 3	16:00-16:15	On Delannoy and Catalan numbers Muhammet Cihat DAĞLI
		16:15-16:30	Fixed Point Theorem for Monotone Totally Asymptotically Nonexpansive Mappings in Hperbolic Spaces Amna KALSOOM			16:15-16:30	Cardinalities and ranks of the maximum nilpotent subsemigroups of the Catalan monoid Emrah KORKMAZ
		16:30-16:45	Some α - ϕ -fuzzy cone contraction results with integral type application in fuzzy cone metric spaces Shamoon JABEEN			16:30-16:45	Hankel matrices for blind image deconvolution Skander BELHAJ
		16:45-17:00	On Reich Type F-contractions in F-metric spaces Awais ASIF			16:45-17:00	Long-Term Solutions of Nonlinear Evolution Equation With Fractional Term Esen HANAÇ
		17:00-17:15	Best Approximation in Semi-Linear Uniform Spaces Abdalla Tallafha			17:00-17:15	Generating Functions of Binary Products of Bivariate Complex Fibonacci Polynomials and Orthogonal Polynomials Ali BOUSAYOUD
		MAHPEYKER ÖZTÜRK CHAIR				ARZU AKGÜL CHAIR	

SEPTEMBER 26, 2020

Link	https://zoom.us/j/94158376646	
ROOM A	9:30-9:45	OPENING CEREMONY
	9:45-9:50	BREAK

Link	https://zoom.us/j/94158376646		
ROOM A	9:50-10:35	PLENARY TALK 2	Ekrem SA VVAS CHAIR.
		<p>Versions of star-Hurewicz and star-Rothberger spaces</p> <p>Ljubiša D.R. KOČINAC</p>	
	10:35-10:45	BREAK	

Link		https://zoom.us/j/94158376646		Link		https://zoom.us/j/96803679735	
ROOM A	SESSION 4	10:45-11:00	The Bounds for the Length Between Dirichlet and the Periodic Eigenvalues of Hill's Equation with Symmetric Single Well Potential Elif BAŞKAYA	ROOM B	SESSION 4: APPROXIMATION THEORY AND SPECIAL FUNCTIONS – 7TH SERIES	10:45-11:00	Approximation Theorems for Max-Min Operators via Summability Methods Türkan Yeliz GÖKÇER
		11:00-11:15	Spatial and descriptive proximity of shapes in digital images Tane VERGİLİ			11:00-11:15	Regular Summability Methods in the Approximation by Bernstein-Chlodovsky type Operators Meryem Ece ALEMDAR
		11:15-11:30	On The Phenomena Localization of Temperature Disturbances in Media with Variable Density and Strong Absorption Maftuha SAYFULLAHYEVA			11:15-11:30	A Generalization of Cesaro Polynomials in Several Variables and the Generalized Lauricella Functions Nejla ÖZMEN
		11:30-11:45	Numerical study of solutions to the boundary value problem of a parabolic system of quasilinear equations Firuza KABIJANOVA			11:30-11:45	A Tauber type theorem on time scales Ceylan YALÇIN
		11:45-12:00	Analytical solutions of Nonlinear Models—The Easy Way Out Marwan ABUKHALED			11:45-12:00	Trigonometric Approximation in Variable Exponent Weighted Lebesgue Spaces Using Sub-Matrix Method Ahmet Hamdi AVŞAR
		12:00-12:10	BREAK			12:00-12:10	BREAK
Liliana GURAN CHAIR				Oktaç DUMAN CHAIR			

Link	https://zoom.us/j/94158376646		
ROOM A	12:10-12:55	PLENARY TALK 3	CHAIR Liliana GURAN
		Generalized Quadrature Formulas of Birkhoff-Young Type Gradimir V. MILOVANOVIĆ	
	12:55-14:00	LUNCH	

Link		https://zoom.us/j/94158376646		Link		https://zoom.us/j/96803679735	
ROOM A	SESSION 5	14:00-14:15	One Parameter Motions in $G^*_1^n$ and Their Geometric Applications Gülsüm YÜCA	ROOM B	SESSION 5: APPROXIMATION THEORY AND SPECIAL FUNCTIONS – 7TH SERIES	14:00-14:15	Reciprocal Sums of Finite Products of Binary Linear Recurrences With Indices in Arithmetic Progressions Didem ERSANLI
		14:15-14:30	Polyhedral Problems of Optimal Control Given by Discrete and Differential Inclusions and Duality Sevilay DEMİR SAĞLAM			14:15-14:30	On Some Generalized Polynomials Duriye KORKMAZ DÜZGÜN
		14:30-14:45	$P^{(*)}$ -Closed Sets Defined by Semi Local Function Ayşe Nur TUNÇ			14:30-14:45	Some Approximation Properties of Nonlinear Discrete Operators of Sampling-type İsmail ASLAN
		14:45-15:00	A Smoking Habit Model via constant proportional Caputo operator Mustafa Ali DOKUYUCU			14:45-15:00	The Approximation Theorems in Morrey Spaces For Some Summability Methods Ahmet Hamdi AVŞAR
		15:00-15:15	On solving the symmetric regularized long-wave equation by $(1/G')$ -expansion method Esin İLHAN			15:00-15:15	
		15:15-15:30	BREAK			15:15-15:30	BREAK
Tane VERGİLİ CHAIR				Esra ERKUŞ DUMAN CHAIR			

Link	https://zoom.us/j/94158376646			
ROOM A	15:30-16:15	PLENARY TALK 4		CHAIR Gradimir V. MILOVANOVIC
		Asymptotic regularity and attractors for slightly compressible Brinkman-Forchheimer equations Varga K. KALANTOROV		
16:15-16:20		BREAK		

Link		https://zoom.us/j/94158376646		Link		https://zoom.us/j/96803679735	
ROOM A	SESSION 6	16:20-16:35	Almost Lacunary P- Bounded Variation and Matrix Transformation Rabia SAVAS	ROOM B	SESSION 6	16:20-16:35	On Bound-2 Isomorphisms of L^1 Spaces BANU GÜNTÜRK
		16:35-16:50	The Essential Spectra of Quasi-parabolic Composition Operators on the Hardy space of the bi-disc Beyaz Başak ESKİŞEHİRLİ			16:35-16:50	Weak Covering Properties of Set-Menger Type Şükran KONCA
		16:50-17:05	Harmonic Error Functions Defined by Convolution Şahsene ALTINKAYA			16:50-17:05	Frame theory and its applications Fatma BOZKURT
		17:05-17:20	On q -Starlike Analytic Error Functions Related With Modified Sigmoid Activation Function Arzu AKGÜL			17:05-17:20	Relaxations on Conditions of Lyapunov Functions Gökhan ŞAHAN
		17:20-17:35	Artificial Intelligence and Control System Design of Induction Motor Mekrini ZINEB			17:20-17:35	Examination of Generations and Tourist Typologies in Bodrum Pınar ERDEM ÇULHAOĞLU
İŞİL AÇIK DEMİRCİ CHAIR				Emel AŞICI CHAIR			

SEPTEMBER 27, 2020

Link	https://zoom.us/j/95594042342		
ROOM A	10:00-10:45	PLENARY TALK 5	Varga K. KALANTOROV CHAIR
		Hajlasz-Besov spaces of analytic functions on the unit disc Milos ARSENOVIC	
	10:45-11:00	BREAK	

Link		https://zoom.us/j/95594042342		Link		https://zoom.us/j/91889393941			
ROOM A	SESSION 7	11:00-11:15	Venttsel boundary value problems with VMO coefficients Lyoubomira SOFTOVA	CHAIR Chaudry Masood KHALIQUE	ROOM B	SESSION 7	11:00-11:15	A new sequence spaces defined by bounded variation in n- normed spaces Ekrem SAVAŞ	CHAIR Banu GUNTFURK
		11:15-11:30	Application of λ -Symmetry Method to the HIV-Transmission Model Gülden Gül POLAT				11:15-11:30	Patient Satisfaction Regarding Health Care Services: Example of Bitlis Province Semra KONCA	
		11:30-11:45	On Analytical Approach for Time Regularized Long Wave Equation Asif YOKUŞ				11:30-11:45	On a new class of t-norms and t-conorms on bounded lattices Emel AŞICI	
		11:45:12:00	N-dimensional bound state solutions of the hyperbolic potential function in approximate analytic form Aysel ÖZFİDAN				1:45:12:00	On the product of Euler and Holder summability methods Sefa Anıl SEZER	
		12:00-12:15	Fractional Kamal Transform Decomposition Method for Obtaining the Approximate Soluitons of the Time-Fractional Partial Differential Equations Halil ANAÇ				12:00-12:15	Malkus waterwheel model with constant proportional Caputo operator Ercan ÇELİK	
		12:15:12:20	BREAK				12:15:12:20	BREAK	

Link	https://zoom.us/j/95594042342			
ROOM A	12:20-13:05	PLENARY TALK 6		Milos ARSENOVIC CHAIR
		Symmetry group techniques for differential equations Chaudry Masood KHALIQUE		
	13:05-14:00	LUNCH		

Link		https://zoom.us/j/95594042342		Link		https://zoom.us/j/91889393941	
ROOM A	SESSION 8	14:00-14:15	Ideal convergent sequences spaces over n-normed spaces Ayhan EŞİ	ROOM B	SESSION 8	14:00-14:15	Some new results related to $G\Gamma$ -spaces and interpolation Amiran GOGATISHVILI
		14:15-14:30	Asymptotically Lacunary Statistical Equivalent Functions on Time Scales Bayram SÖZBİR			14:15-14:30	Construction of Homotopic Distance in the Simplicial Set Up Ayşe BORAT
		14:30-14:45	Identities involving 3-variable Hermite polynomials arising from Umbral method Serkan ARACI			14:30-14:45	Approximation in the Hölder metric of 2π -periodic functions by a product of two matrix means of Fourier series Xhevat KRASNIQI
		14:45-15:00	On Fuzzy Soft δ -semiopen Sets Pınar ŞAŞMAZ			14:45-15:00	Some properties of (n,k) -quasi class Q^* operators Naim BRAHA
		15:00-15:15	A Study on Further Properties of Local Closure Functions Sena Özen YILDIRIM			15:00-15:15	Differential Inclusion with Nonconvex Constraint Touma HADDAD
		15:15-15:20	BREAK			15:15-15:20	BREAK
		Şükran KONCA CHAIR				Lyubomira SOFTOVA CHAIR	

Link	https://zoom.us/j/95594042342		
ROOM A	15:20-15:55	PLENARY TALK 7	Amiran GOGATSHVILI CHAIR
		<p>New fixed points results and applications for cyclic operators on extended b-metric spaces</p> <p>Liliana GURAN</p>	
	15:55-16:05	BREAK	

Link		https://zoom.us/j/95594042342		Link		https://zoom.us/j/91889393941	
ROOM A	SESSION 9	16:05-16:20	Non-Newtonian Laplace Transform Nihan GÜNGÖR	ROOM B	SESSION 9	16:05-16:20	Green's Function for Hill's Equation with Symmetric Single Well Potential Ayşe KABATAŞ
		16:20-16:35	q-Difference Operator and Its q-Cohyponormality Meltem SERTBAŞ			16:20-16:35	Some Comparisons of BLUPs under General Linear Random Effects Models Melek ERİŞ BÜYÜKKAYA
		16:35-16:50	A Review on Construction Methods of Triangular Norms on Bounded Lattices Merve YEŞİLYURT			16:35-16:50	Numerical solution of generalized impedance boundary value problem for the Laplace equation Gazi ÖZDEMİR
		16:50-17:05	Soft Radicals of Qausi-Ideals in Semigroups Betül ERDAL			16:50-17:05	Applications of Steganography Wajid ALI
		17:05-17:20	Soft Rings Based on Soft Element Nazan POLAT			17:05-17:20	New Solution of the Einstein-Maxwell Equations For Modelling of Compact Object Rashida BIBI
		17:20-17:25	BREAK			17:20-17:25	BREAK

Link		https://zoom.us/j/95594042342		Link		https://zoom.us/j/91889393941	
ROOM A	SESSION 10	16:05-16:20	Discrete Cubical Homology Theory of Graphs Abdul Salam Jarrah	ROOM B	SESSION 10	16:05-16:20	Numerical study of solutions to the boundary value problem of a parabolic system of quasilinear equations Firuza Kabiljanova
		16:20-16:35	Graphs with their packing chromatic number Rachid Lemdani			16:20-16:35	Using Huwitz-Lerch Zeta Function for Modelling Fields from 2D Magnetic Recording Heads Ammar Edress Mohamed
		16:35-16:50	The Pseudo-Projective Tensor of G1-Manifold Nawaf Jaber Mohammed			16:35-16:50	Weak Solutions of Boundary value Problem of Fractional order on Unbounded Domains in Banach Spaces Fatima Zohra Mostefai
		16:50-17:05	b-critical graphs upon edge subdivision Ikhlef-Eschouf Noureddine			16:50-17:05	Stability of transmission Schrödinger equation with a delay term in the boundary feedback Latifa Moumen
		17:05-17:20	Probability-Weighted-Moments type estimator for the extreme value index in a truncation scheme Abdelhakim Necir			17:05-17:20	Monthly Forecasting Using SARIMA Methodology: Application on Real Data Qais Mustafa
		17:20-17:25	BREAK			17:20-17:25	BREAK
Veli ÇAPALI CHAIR				Şükran KONCA CHAIR			

Link		https://zoom.us/j/95594042342	
ROOM A	17:25-17:55	PLENARY TALK 8	CHAIR Hasan BULUT
		A variation on ideal quasi Cauchyness Hüseyin ÇAKALLI	
	17:55-18:05	BREAK	

Link		https://zoom.us/j/91606931441		Link		https://zoom.us/j/95437037264			
ROOM A	SESSION 11	18:05-18:20	Analytical solutions of Nonlinear Models—The Easy Way Out Marwan Abukhaled	Chair Mahpeyker ÖZTÜRK	ROOM B	SESSION 12	18:05-18:20	Criticality indices of 2-dominance of paths and cycles Zemir Mohamed	Chair Emel AŞICI
		18:20-18:35	General solution of higher order Cauchy-Euler discrete equation using algebraic tools Miloud Assal				18:20-18:35	Using Maple Animations to understand Graphs F. Tchier	
		18:35-18:50	Probabilistic properties of Long Memory model with strong mixing noises Karima Belaide				18:35-18:50		

SEPTEMBER 28, 2020

Link		https://zoom.us/j/91606931441		Link		https://zoom.us/j/95437037264	
ROOM A	SESSION 13	10:30-10:45	Magnetohydrodynamics boundary layer flow of rate type fluid over an oscillating inclined infinite plate with slip and Newtonian heating at the boundary Osalusi Oluwasoji	ROOM B	SESSION 13	10:30-10:45	On The Phenomena Localization of Temperature Disturbances in Media with Variable Density and Strong Absorption M.Z. Sayfullaeva
		10:45-11:00	A Robust Method of Image Watermarking Based on Steerable Pyramid and Optimal Blocks Mohamed Radouane			10:45-11:00	Existence Result for Nondensely defined Impulsive Fractional Order Functional Semilinear Differential Inclusions with Nonlocal conditions Djamila Seba
		11:00-11:15	Third Kind Volterra Type Super-Singular Integral Equation, With Super-Singular Kernels Nustat Rajabov			11:00-11:15	Inverse Problems with unknow operator Idres Sonia
		11:15-11:30	Schrödinger Differential Equation with Certain Central Potentials in Non-Commutative Complex space Zaiem Slimane			11:15-11:30	The dot criticality index of connected domination of a P4-sparse graphs Kamel Tablennehas
		11:30-11:45	Relationship between Mathematics and Design, the case of Fashion Design Jihen Trabelsi			11:30-11:45	Maximum principle for the space and time-space fractional partial differential equations Berikbol Torebek
		Mahpeyker ÖZTÜRK Chair				Ekrem SAVVAŞ Chair	

Link	https://zoom.us/j/94158376646	
ROOM A	11:50- 12:00	CLOSING CEREMONY