Scientific Program and Schedule of the 28th International Conference of the Jangjeon Mathematical Society
Sherwood Club Kemer Hotel Antalya Turkey
15-19 May 2015

15 May 2015 Friday

10:30 – 12:00	Registration
12:30 - 13:45	**Lunch**
13:45-14:30	Opening Ceremony
14:30-15:15	**Chairman: Yilmaz SIMSEK** **Invited Speaker Talk: H. M. Srivastava** - Some Families of Double-Layer Potentials Associated with a Certain Generalized Bi-Axially Symmetric Helmholtz Equation
15:15-16:00	**Chairman: Seog-Hoon RIM** **Invited Speaker Talk: Wolfgang SPROSSIG** - Hypercomplex Analysis with Applications to fluid flow problems
16:00-16:15	**Coffee Break**

Parallel Sessions

	Hall 1	Hall 2	Hall 3
Chairman	**Dae San KIM**	**Ismail Naci CANGUL**	**Gürhan YALÇIN**
16:15 - 16:30	Oznur Kulak - Bilinear Multipliers of Function Spaces with Wavelet Transform	Jong Jin Seo, Taekyun Kim - A note on the analysis of Mathematical learning Conditions	Mehmet Karakoc, Melih Gunay, Guler Cigdem, Fadi Alturjman - A Meta-Heuristic Approach for Course Scheduling in Akdeniz University
16:30 - 16:45	Hamid Vaezi, Sepideh Nasresfahani - Weighted composition operators on vector valued weighted Dirichlet type spaces	Figen Öke - On the residual algebraic free extension of a valuation on K to K(x)	Melih Gunay, Irem Kucukoglu, Fadi Al-Turjman - A Novel Method to Characterize Data Requests in the Future Internet
16:45 - 17:00	J. Y. Kang, C. S. Ryoo - A numerical verification on the structure of the zeros of Genocchi polynomials	Burcu Öztürk, Figen Öke - On Certain Extensions of Valuated Fields	Recep Ozdemir, Fadi Al-Turjman, Melih Gunay - Stay Connected in Vehicular Wireless Networks using Graph Theory and AI
17:00 - 17:15	Abedallah Rababah - A Recurrence Relation for Orthogonal Polynomials on Triangular Domains	Mustafa Özkan, Figen Öke - On Hadamard codes constructed over F2+uF2+...+u^mF2	
17:15 - 17:45	**Coffee Break**		
Chairman	**Ayhan ESI**	**Abdullah CAVUS**	**Nurdane ILBEYLI**
17:45 - 18:00	Seog-Hoon Rim - Current works on Daehee numbers and polynomials	Yong Uk Cho - On near-rings with strong reducibility	Füsun Yalçın, Daniel G. Nyamsari, Ebru Paksu, M. Gürhan Yalçın - Statistical Assessment of Heavy Metals Distribution and Contamination of Beach Sand Along the Manavgat Alanya Coastline of Antalya, Turkey
18:00 - 18:15	Dongkyu Lim, Younghae Do - Some identities of Barnes-type special polynomials	Hashem Sazegar - A Method for Solving Legendre's Conjecture	Yusuf URAS, Alican Kop, Mahmut DA - The Geothermal Model of Mersin (Turkey) Region
18:15 - 18:30	Dmitry V. Kruchinin and Vladimir V. Kruchinin - About a new recurrence relation for the generalized	Atilla Berczes - Effective results for diophantine equations over finitely generated domains	Mehmet Karakoc, Fadi Alturjman, Melih Gunay - On-line Heuristic Approach for Data-Collectors Assignment in ITS

	Bernoulli polynomials		
18:30 - 18:45	Dmitry V. Kruchinin, Alexandr A. Shelupanov - Explicit formulas for Korobov polynomials	Hasan Pourmahmood Aghababa, Mohammad Hossein Sattari - Semigroup algebra and nilpotent ideals	Fusun Yalcin, Nurdane Ilbeyli-Cluster analysis applied to alkaline geochemical data (Hamit, Turkey)
19:30	**Dinner**		

16 May 2015 Saturday

09:00 - 09:45	**Chairman: H. M. SRIVASTAVA** **Invited Speaker Talk: Gradimir V. MILOVANOVIC** - Generalized Gaussian quadratures for singular integrals and applications		
09:45 - 10:30	**Chairman: Wolfgang SPROSSIG** **Invited Speaker Talk: Satish IYENGAR** - Lower tail independence of hitting times of two-dimension diffusions		
10:30 - 10:45	**Coffee Break**		
	Parallel Sessions		
Chairman	**Lee-Chae JANG**	**Mehmet Acikgoz**	**Veli KURT**
	Hall 1	**Hall 2**	**Hall 3**
10:45 - 11:00	Mehmet Ali Ozarslan - Approximation Properties of Jain-Stancu Operators	Ayman Badawi - On weakly semiprime ideals of commutative rings	N. I. Mahmudov and H. Mahmoud - On existence results for nonlinear fractional differential equations with fourpoint boundary value problem
11:00 - 11:15	Seda Ozturk - On A Characterization of Compactness and the Abel-Poisson Summability Of Fourier Coefficients In Banach Spaces	Togan, M., Yurttas, A., Cevik, A. S., Cangul, I. N. - Minimal Polynomials Corresponding to Spectral Sets of some Graphs	Nazim I. Mahmudov and Sinem Unul - Existence of Solutions of Fractional Boundary Value Problem with Irregular Conditions
11:15 - 11:30	Mehmet Ali Ozarslan, Tuba Vedi - Stancu type q-Szasz-Schurer Operators	Cangul, I. N., Yurttas, A., Togan, M., Cevik, A. S. - Some Zagreb Indices of Subdivision and r-Subdivision of Doubles of Some Graphs	Dahbia Hernane-Boukari, Nadjiba Foukroun, Rachida Ait-Yahia Djouadi - Solvability of a linearized free surface flow problem under gravity-capillarity
11:30 - 11:45	Cemaliye Kurt, Mehmet Ali Ozarslan - 2-j variables Laguerre polynomials properties and applications	Kubra Erdem Bicer, Salih Yalcinbas - Matrix Approach to Solving Hyperbolic Partial Differential Equations Using Bernoulli Polynomials	Mine Menekse Yilmaz, Gumrah Uysal - A Study About Approximation of Non-Convolution Type Double Singular Integral Operators
12:30 - 13:45	**Lunch**		
13:45 - 14:30	**Chairman: Satish IYENGAR** **Invited Speaker Talk: Chandrashekar Adiga** - Ramanujan's Continued Fractions and their Generalizations and Evaluations		
14:30 - 15:15	**Chairman: Gradimir V. MILOVANOVIC** **Invited Speaker Talk: Abdelmejid Bayad** - Arithmetic of multiple Hurwitz-Lerch zetas functions		
15:15 - 15:30	**Coffee Break**		
	Parallel Sessions		
	Hall 1	**Hall 2**	**Hall 3**
Chairman	**Takao Komatsu**	**A. Sinan ÇEVIK**	**Halil ORUÇ**
15:30 - 15:45	Khaled Bataineh - On Rational Knots and Links in the Solid Torus	Seda Oğuz, Eylem Güzel Karpuz - On Finiteness Conditions for Bruck-Reilly and Generalized Bruck-Reilly Extensions	Morteza Faghfouri - On 2-dimensional Finsler manifold
15:45 - 16:00	N. I. Mahmudov, M. Momenzadeh - On a class of q-Bernoulli, q-Euler and q-Genocchi polynomials	Firat Ates, I. Naci Cangul, A. Sinan Cevik, Eylem Guzel Karpuz - A presentation and some finiteness conditions	Mustafa Riza, Hatice Aktöre, Buğçe Eminağa - A Modified Quadratic Lorenz Attractor in Geometric Multiplicative Calculus

Time	Hall 1	Hall 2	Hall 3
		for a new version of the Schützenberger product of monoids	
16:00 – 16:15	Jin-Woo Park - On the q-analogue of Daehee numbers and polynomials	Eylem Güzel Karpuz, Nurten Urlu, A. Sinan Cevik - Gröbner-Shirshov Basis of an Exceptional Braid Group	Fulya Yoruk Deren, Nuket Aykut Hamal, Tugba Senlik Cerdik - A Sum Operator Method for the Existence and Uniqueness of Positive Solutions to a Nonlinear Fractional Differential Equation
16:15 - 16:30	Lee-Chae Jang - Some identities of the higher order Barnes-type q-Bernoulli polynomials and the higher order Barnes-type q-Euler polynomials	Eylem Guzel Karpuz, Esra Kırmızı Cetinalp - Two-Sided Crossed Product of Groups	Tugba Senlik Cerdik, Nuket Aykut Hamal, Fulya Yoruk Deren - Existence Results of Solutions for Nonlinear Fractional Differential Equations
16:30 - 16:45	Coffee Break		
Chairman	**Abedallah Rababah**	**A. Bayad**	**Bongju LEE**
16:45 - 17:00	Takao Komatsu - Incomplete Bernoulli and Cauchy numbers associated with incomplete Stirling numbers	Gülter Budakçı, Halil Oruç-q-Peano Kernel and Its Applications	Melek Erdoğdu, Mustafa Özdemir - Matrices Over Hyperbolic Split Quaternions
17:00 - 17:15	Mehmet Acikgoz, Serkan Araci - Some new identities concerning some special polynomials under the theory of multiple q-calculus	Sedef Erim Karakılıc, Setenay Akduman, Didem *Coskan* - Asymptotic Behaviour of Resonance Eigenvalues of the Schrödinger Operator with a Matrix Potential	Hakan Şimşek, Mustafa Özdemir - The Similarity Invariants of Non-lightlike Curves in the Minkowski 3-space
17:15 - 17:30	Erkan Ağyüz, Mehmet Acikgoz, Serkan Araci - A symmetric identity on the q-Genocchi polynomials of higher order under third dihedral group D3	Çetin Dişibüyük, Şule Ulutaş - A B-Spline Approach to q-Eulerian Polynomials	Ayse Yilmaz Ceylan, A. Aziz Ergin - Mannheim Curves in Cartan-Vranceanu 3-Space
17:30 - 17:45		Ahmet Altürk- Application of the Bernstein polynomials for solving Volterra integral equations with convolution kernels	Yassine Zaim - A general approach for enrichment of the nonconforming finite elements in any dimension
19:30	**Dinner**		

17 May 2015 Sunday

09:45 - 10:30	**Chairman: Dae San Kim** **Invited Speaker Talk: Taekyun Kim** - Some properties of p-adic integral on the ring of p-adic integers associated with special polynomials		
10:30 - 10:45	Coffee Break		
	Parallel Sessions		
	Hall 1	**Hall 2**	**Hall 3**
Chairman	**Veli Kurt**	**Dmitry V. Dolgy**	**Chandrashekara ADIGA**
10:45 - 11:00	Dae San Kim, Taekyun Kim - Two Generalizations of Power and Alternating Power Sum Identities	Ik-Pyo Kim - Eigenspaces of matrices associated with the Pascal matrix	Burcin Simsek, Satish Iyengar - On the approximation of the Conway-Maxwell-Poisson normalizing constant
11:00 - 11:15	Serkan Araci, Mehmet Acikgoz - On the von Staudt-Clausen theorem of	Armend Salihu, Fatlinda Musliu-Salihu - Matrix and determinants division using	Gokce Tuncer, Vilda Purutcuoglu - Comparative Analysis of Simulation Tools in Biochemical Networks

	q-Frobenius-Euler numbers	Salihu's method	
11:15 - 11:30	Uğur Duran, Mehmet Acikgoz, Serkan Araci - Symmetric identities involving q-analog of Euler polynomials under S4	Rashid Abu-Dawwas - On Graded Semi-Prime Rings	Gokce Tuncer, Vilda Purutcuoglu - Application of Impulsive Deterministic Simulations of Biochemical Networks via Simulations Tools
11:30 - 11:45	Seyyed Hossein Jafari-Petroudi, Maryam Pirouz- A note on tribonacci numbers with particular matrices	Hernane Mohand Ouamar, Jean-Louis Nicolas - Zeros of certain trinomials	Tibor K. Pogany - Hypergeometric type functions' use in statistical moments derivation
12:30 - 14:20	**Lunch**		
14:30 - 15:15	**Chairman: Tibor K. Pogany** **Invited Speaker Talk: Rekha Srivastava** - Certain Generalized Hypergeometric and Other Classes of Generating Functions		
15:15 - 15:30	**Coffee Break**		
	Parallel Sessions		
	Hall 1	**Hall 2**	**Hall 3**
Chairman	**Mehmet Ali Ozarslan**	**Armen Bagdasaryan**	**Jin-Woo Park**
15:30 - 15:45	Veli KURT - Unified Apostol-Type Polynomials and Alternating Sums	K. Ghanbari , M. Moghaddam - On the Isospectral Matrix Flows	Tounsia Benzekri - Control of the chaotic dynamics of the Hindmarsh-Rose model
15:45 - 16:00	Bokhee Im, Ji-Young Ryu - Quasigroup and its weak compatibility graph for the homogeneous space of degree 4	M. A. Shakhatreh, T. A. Qawasmeh - Associativity of Max-Min Compsition of Three Fuzzy Relations	Erdal Karapınar - Some inevitable Remarks on the some recent trends in fixed point theory
16:00 – 16:15	Sang-Hun Lee - A p-Adic Approach to Identities of Symmetry for Carlitzs q-Bernoulli Polynomials	Zarife Gokcen Karadem, Mevlude Yakit Ongun, Damla Arslan - Fractional order logistic Equation Derived from Hanta Epidemics	M. Saraj, Z.Mousavi - Multi Objective Geometric programming With Interval Coecients: A parametric Approach
16:15 - 16:30	Seyda Keles, Vagif S. Guliyev - Vector-valued B-singular integral operators in Lebesgue spaces	Jacob Wood, Jungsuk Kim - Determining Factors of FTA Negotiation Outcomes: An analysis using Instrument Variable Two Stage Least Squares	Dmitriy V. Dolgy - Controllability problem for interval linear systems
16:30 - 16:45	**Coffee Break**		
Chairman	**Vilda Purutcuoglu**	**Taekyun KIM**	**Atilla Berczes**
16:45 - 17:00	Aykut Ahmet Aygüneş - Remarks on formulas related to modular forms	Armen Bagdasaryan - On some explicit and asymptotic formulas related to the m-arithmetic triangle	Asuman Zeytinoglu, Murat Sari - High-order Schemes for the Klein-Gordon Equations
17:00 - 17:15	Elif Cetin - A Special Finite Sum Associated with the Dedekind and Hardy type Sums	Armen Bagdasaryan, Seifedine Kadry - Inversion formula for analytic functions	David Radnell - Determinant line bundles over Teichmuller space
17:15 - 17:30	Irem Kucukoglu, Yilmaz Simsek - Unification of the B-Splines by using generating functions for the Bernstein type basis functions	S. N. Fathima, Yudhisthira Jamudulia - On Some New Circular Summation Formulas of Theta Functions	Samer Al Ghour - New Results on Omega Paracompactness
17:30 - 17:45	Gulsah Ozdemir, Yilmaz Simsek - On Generating Functions For Jacobsthal and Fibonacci Polynomials of Higher Order	Mouloud Goubi - Asymptotic Formula For Vasyunin Cotangent Sum	

19:30	**Dinner**		

18 May 2015 Monday

09:00 – 19:00	**Excursion**		
19:30	**Dinner**		

19 May 2015 Tuesday

	Parallel Sessions		
	Hall 1	**Hall 2**	**Hall 3**
Chairman	**Mustafa Alkan**	**Mansur Saraj**	**Ayman Badawi**
09:00 - 09:15	Yesim Saglam Ozkan, Sezayi Hizliyel - Generalized Beltrami Systems with a Singular Point	Issam Louhichi - Product of Toeplitz operators on the harmonic Bergman space	Seçil Çeken, Mustafa Alkan - On the Weakly Second Spectrum of a Module
09:15 - 09:30	Abdullah Cavus, Djavvat Khadjiev, Seda Ozturk - On Periodic Solutions to Nonlinear Differential Equations In Banach Spaces	Mujo Mesanovic - Toeplitz operators in the analytic Bergman space	Seçil Çeken, Mustafa Alkan - On the Classical Zariski Topology Over Prime Spectrum of a Module
09:30 - 09:45	Rahime Dere - Some Hermite Base Polynomials on q-Umbral Algebra	Evgin Göçeri - Effects of Chosen Scalar Products on Gradient Descent Algorithms	Ortaç Öneş, Mustafa Alkan - On the radical of a submodule over a noncommutative ring
09:45 - 10:00	Burak KURT - Notes on Unified q-Apostol-Type Polynomials	Evgin Göçeri, Melih Gunay, Fadi Alturjman - Automated Detection of Facial Disorders (ADFD): A Novel Approach Based-on Digital Photographs	Mehmet Uc, Ortaç Öneş, Mustafa Alkan - On Modules over A Group
10:00 - 10:15	Coffee Break		
Chairman	**Melih Gunay**	**Tacksun Jung**	**Mustafa Özdemir**
10:15 - 10:30	Melih Gunay - Robust CT-Prediction Algorithm for RT-PCR	B. Bayraktar and V. Kudaev- Solution for the Problem of the Best Uniform Approximation of the Grid Function with Linear Splines and Applications for Making Decisions	
10:30 - 10:45	Umit Deniz ULUSAR - Combining Short Ultrasound Recordings for Long Duration Observation of Fetal Breathing Movement	A.K. Alomari - Legender operator matrix of differentiation for solving Chua's System	Messaoud Boulbrachene - An Algorithmic Finite Element Method for Noncoercive Variational Inequalities
10:45 - 11:00	Admir Hodzic, Adnan Behrem, Nina Bijedic PhD, Emir Slanjankic - Epidemic in Travnik		Güzide Şenel - A Soft Based Method to Solve the Analysis Problem of the Distance Between Two Soft Points
11:00- 11:15	Salih Tekin - Revenue maximization policies for Queueing Networks with Flexible Servers		…
11:15 - 12:30	Young Scientist Excellence Award & Closing Ceremony		
12:30 - 14:00	**Lunch**		