INTERNATIONAL CONFERENCE ON MATHEMATICS AND MATHEMATICS EDUCATION

Mathematics in Ordu

ICMME - 2018

PROGRAM BOOK

27-29 June 2018

CONFERENCE PROGRAMME
27.06.2018 WEDNESDAY

08.00-09.30	**REGISTRATION**
27.06.2018 WEDNESDAY	**Faculty of Science and Art**
09.30-10.30	**OPENING CEREMONY**
10.30-11.00	**MATHEMATICS AWARD CEREMONY**
11.00-11.15	BREAK
11.15-12.00	**INVITED LECTURE** **CHAIR: Prof.Dr. Nesrin Özsoy** **TITLE: A Model Suggestion in Order to Write Real Life Mathematics Questions in The PISA and TIMMS Character** **SPEAKER: Prof.Dr. Murat ALTUN (Uludağ Universty)** **PLACE: Faculty of Music and Performing Arts Hall**
12.00-13.30	LUNCH

27.06.2018 WEDNESDAY	**APPLIED MATHEMATICS** **(Prof. Dr. Afet GOLAYOĞLU Hall)**	
	CHAIR	**Prof.Dr. Oktay Muhtarov (Gaziosmanpaşa Universty)**
	AUTHORS	**TITLES**
13.30-14.30	Tolga Aktürk* Eda Günaydın	Investigation of solutions of the Pade-II equation by MEFM
	Kadriye Aydemir* Hayati Olğar Oktay Mukhtarov	Comparison theorems for one Sturm-Liouville problem with nonlocal boundary conditions
	Ömer Akın Selami Bayeğ*	Some results on Hausdorff metric for intuitionistic fuzzy sets
	Yasemin Yılmaz* Mustafa Kandemir	Solvability and coerciveness of a Sturm-Liouville problem with Multipoint-Transmission conditions

27.06.2018 WEDNESDAY	**APPLIED MATHEMATICS** **(Prof. Dr. Aydın TİRYAKİ Hall)**	
13.30-14.30	**CHAIR**	**Assoc. Prof. Dr. Kadriye Aydemir (Amasya University)**
	AUTHORS	**TITLES**
	Ahmet Sinan ÖZKAN*	Parameter-Dependent Sturm-Liouville Problems on Time Scales

	Baki Keskin*	Inverse nodal problems for Dirac differential operators with discontinuity conditions inside the interval
	Oktay Sh. Muhtarov* Hayati Olğar Mustafa Kandemir Kadriye Aydemir	Operator - Pencil Treatment of Discontinuous Sturm-Liouville Problems
	Cemal Belen*	Tauberian theorems for statistical convergence and statistical summability of fuzzy number valued functions

27.06.2018 WEDNESDAY	ANALYSIS (Hall 3)	
	CHAIR	**Assoc.Prof.Dr. Mustafa Yıldırım (Cumhuriyet University)**
	AUTHORS	**TITLES**
13.30-14.45	Z. I. Ismailov P. Ipek Al *	Canonical Type First Order Boundedly Solvable Differential Operators
	Nuh Durna* Mustafa Yıldırım	Subdivision of the spectra of the generalized difference operator B(r,s) on the sequence space cs
	Halil Karaca*	Some New Integral Inequalities for Multiplicatively Geometrically P-Functions
	Özge Yamantaş* Meral EBEGİL	Modelling of Turkey Health Survey Data with Artificial Neural Networks
	Kamil Demirci Sevda Yıldız* Fadime Dirik	Korovkin type theorem for double sequences via power series method in weighted spaces

27.06.2018 WEDNESDAY	ANALYSIS (Hall 4)	
	CHAIR	**Prof.Dr. İsmail Ekincioğlu (Dumlupınar University)**
	AUTHORS	**TITLES**
13.30-14.30	Mustafa Yıldırım* Nuh Durna Özkan Karadaş	The Lower and Upper Bounds of discrete generalized Cesaro operators and its fine Spectrum on l^p (1<p<∞)
	Sercan Turhan Ayşe Kübra Demirel* Selahattin Maden	Hermite-Hadamard Inequality for Strongly p-Convex Functions

	İmdat İşcan	
	Esra Kaya* Ismail Ekincioğlu	On the Variable Exponent L_(p(·),γ) Spaces and Maximal Operators
	Oscar F. Bandtlow Ayse Güven Sarıhan*	Quantitative perturbation theory for operators belonging to compactness classes
27.06.2018 WEDNESDAY	**GEOMETRY AND TOPOLOGY** **(Hall 5)**	
	CHAIR	**Prof.Dr. Mehmet Atçeken (Gaziosmanpaşa University)**
	AUTHORS	TITLES
	Ümit Yıldırım* Mehmet Atçeken Süleyman Dirik	D-Conformal Curvature Tensor on (LCS)_n-Manifolds
13.30-14.30	Mehmet Atçeken* Ümit Yıldırım Süleyman Dirik	Ricci Solitons on Ricci Pseudosymetric a Normal Paracontact Metric Manifold
	Evren Ergün Ergin Bayram*	Surface Family with a Common Natural Asymptotic Lift of a Spacelike Curve with Spacelike Binormal in Minkowski 3-space
	Sibel Sevinç* Gülşah Aydın Şekerci A. Ceylan Çöken	On Rectifying Curves in Dual Space D^3
27.06.2018 WEDNESDAY	**GEOMETRY AND TOPOLOGY** **(Hall 6)**	
	CHAIR	**Prof.Dr.Sadık Keleş (İnönü University)**
	AUTHORS	TITLES
	Serap Demir* Osman Mucuk	Monodromy Groupoids for topological group-groupoids and Topological Double Groupoids
13.30-14.30	İsmet Altıntaş*	On Disoriented Knot Theory
	Mustafa Gök* Sadık Keleş Erol Kılıç	Two Special Linear Connections on a Differentiable Manifold Admitting an Almost Product Structure
	Kemal Taşköprü*	On Soft Topological Subspaces

	İsmet Altıntaş	
27.06.2018 WEDNESDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 7)**	
	CHAIR	**Assoc. Prof. Dr. Aynur Arıkan (Gazi University)**
	AUTHORS	**TITLES**
13.30-14.30	Gül Deniz Çaylı*	On some special classes of nullnorms on bounded lattices
	Recep Baştan Canan Akın*	On Sophie Germain Primes
	Ümmügülsün Akbaba Ali Hikmet Değer Tuğba Tuylu*	Finding Characteristic Roots of Matrices of Even Lucas and Fibonacci Numbers
	Yıldıray Çelik*	Characterization of L-Fuzzy Soft Modules
27.06.2018 WEDNESDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 8)**	
	CHAIR	**Prof.Dr. Naim Tuğlu (Gazi University)**
	AUTHORS	**TITLES**
13.30-14.30	Can Kızılateş* Naim Tuğlu	Binomial Transforms and Its Applications
	Can Kızılateş* Naim Tuğlu	A Note on Convolved Fibonacci and Lucas Polynomials
	Yıldıray Çelik Sevgi Demir*	Soft Lattice Structures and Their Properties
	Zühal Gün Şahin* Ramazan Gürbüz	Mathematıc Teachıng Wıth Short Fılm: Fırst Order Equatıon Wıth One Unknown
27.06.2018 WEDNESDAY	**STATISTICS AND COMPUTER** **(Hall 9)**	
	CHAIR	**Prof.Dr. Fikri Akdeniz (Çağ University)**
	AUTHORS	**TITLES**
13.30-14.30	Fikri Akdeniz İhsan Ünver	Generalized Inverses of Linear Transformations in Hilbert Spaces and Some Applications in Statistics

	Fikri Öztürk*	
	Fikri Akdeniz İhsan Ünver Fikri Öztürk*	Linear Prediction in Hilbert Spaces
	Beraat Aldemir* Şahin Emrah	Design and simulation of real time scheduling of aircraft landing
	Melike Özlem Karaduman* Mustafa Hilmi Pekalp Halil Aydoğdu	Estimation of the Mean Value Function for Gamma Trend Renewal Process
27.06.2018 **WEDNESDAY**	**MATHEMATICS EDUCATION** **(Hall 10)**	
	CHAIR	**Assoc. Prof..Dr. Yaşar Akkan (Gümüşhane University)**
	AUTHORS	**TITLES**
13.30-14.15	Hayal Yavuz Mumcu* Meral Cansız Aktaş	A Study on Developing a Scale on Attitude towards Using Mathematics
	Fikret Cihan* Hatice Akkoç	Investigating Preservice Mathematics Teachers' Proving Skills
	Sibel Bilgili* Alper Çiltaş	Examining the views of class teachers on mathematics teaching: A phenomenological study
27.06.2018 **WEDNESDAY**	**MATHEMATICS EDUCATION** **(Hall 11)**	
	CHAIR	**Prof.Dr. Murat Altun (Uludağ University)**
	AUTHORS	**TITLES**
13.30-14.30	Yavuz Macun* Sevim Sevgi	Analyze of Middle Grade Students' Number Sense
	Nurdan Karslı* Şeref Mirasyedioğlu	The Effects of Discovery-Based Teaching Strategy on 8th Grade Students' Mathematical Reasoning and Connecting Skills
	Sevim Sevgi*	How Does Pre-service Primary Teachers Explain Area?
	Özlem Çubukluöz* Burçin Gökkurt Özdemir	The Peer Assessment of Mathematics Games Designed by Scratch Programming Language

27.06.2018 WEDNESDAY	MATHEMATICS EDUCATION (Hall 12)	
	CHAIR	**Prof.Dr. Cemil Tunç (Van Yüzüncü Yıl Universty)**
	AUTHORS	**TITLES**
13.30-14.30	Tuğba Bilen*	Effect On The Students' Spatial Thinking Of Vocational Areas
	Zerrin Toker*	Instructional Design to enhance students' learning of mathematics
	Şenol Namlı* Gabil Adilov	The Effect of Sudoku, Futoshiki and Kakuro Puzzles on 8th Grade Students' Achievement on Equality and Inequality Subjects
	Gülşah Geraz Cantimer* Sare Şengül	Assessment of preservice mathematics teachers' opinions on teaching practice within the scope of teaching practices expressions
14.30-14.45	BREAK	
14.45-15.30	**INVITED LECTURE** **CHAIR: Prof. Dr. Oktay Muhtarov (Gaziosmanpaşa University)** **TITLE: On the Stability, Asymptotically Stability, Integrability, Uniformly Stability and Boundedness of Solutions for a Class of Non-Linear Volterra Integro – Differential Equations** **SPEAKER: Prof.Dr. Cemil Tunç (Van Yüzüncü Yıl Universty)** **PLACE: FEF Hall**	
15.30-15.45	BREAK	
27.06.2018 WEDNESDAY	APLLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
	CHAIR	**Prof.Dr. Ömer Akın (TOBB University)**
	AUTHORS	**TITLES**
15.45-16.45	Oktay Muhtarov Kadriye Aydemir* Hayati Olğar	Green's functions for two-interval Sturm-Liouville problems in direct sum space
	Mehmet Merdan* Özge Altay Zafer Bekiryazıcı	Behaivours of Random Effected Fredholm Integral Equation
	Baki Keskin*	Inverse Nodal Problems for Dirac-Type Integro-Differential System with Boundary Conditions Polynomially Dependent on the Spectral Parameter

	Erdal Güner*	On fuzzy contractibility
27.06.2018 WEDNESDAY	**ANALYSIS** **(Prof. Dr. Aydın TİRYAKİ Hall)**	
	CHAIR	**Assoc. Prof. Dr. Selahattin Maden (Ordu University)**
	AUTHORS	**TITLES**
15.45-17.00	Sercan Turhan Ayşe Kübra Demirel* Selahattin Maden İmdat İşcan	Hermite-Hadamard Inequality for Strongly GA-Convex Functions
	P. Ipek Al* Z. I. Ismailov	Accretive Canonical Type Quasi-Differential Operators for First Order
	Mustafa Yıldırım* Nuh Durna	The Disjoint Spectrum of the Weighted mean, Cesaro and Rhaly operators Various Sequence Spaces
	Erdal Ünlüyol Hümeyra Karbuz*	New Inequalities for Operator (alpha,m)-preinvex Functions in Hilbert Spaces
	Kamil Demirci Sevda Yıldız* Fadime Dirik	On the K_a-continuity of real functions
27.06.2018 WEDNESDAY	**ANALYSIS** **(Hall 3)**	
	CHAIR	**Assoc. Prof. Dr. Meryem Kaya (Gazi University)**
	AUTHORS	**TITLES**
15.45-16.45	Ömer Akın İlyas Haşimoğlu * Khanlar R. Mamedov	The discreteness of the spectrum of the operator Schrödinger equation and some properties of the s-numbers of the inverse Schrödinger operatör
	Birsen Sağır Duyar Fatmanur Erdoğan*	Non-Newtonian Superposition Operators on lp(N), c0(N) and c(N) into l1(N)H
	İmdat İşcan* Sercan Turhan Selim Numan	Some General Integral Inequalities for Lipschitzian Functions via Conformable Fractional Integral
	Cansu Keskin*	Two-Weighted Inequalities for High Order Riesz-Bessel Transforms in Weighted Lebesgue Spaces

	İsmail Ekincioğlu	
27.06.2018 WEDNESDAY		**GEOMETRY AND TOPOLOGY** (Hall 4)

	CHAIR	**Prof. Dr. Luca Grilli (Universita degli Studi di Foggia)**
	AUTHORS	**TITLES**
15.45-16.45	Evren Ergün Ergin Bayram*	Surface Family with a Common Natural Geodesic Lift of a Spacelike Curve with Spacelike Binormal in Minkowski 3-space
	Merve Okur* Tevfik Şahin	Position vectors of special Smarandache curves in Galilean 3-space
	Sümeyye Gür* Süleyman Şenyurt Luca Grilli	The Integral Invariants and The Gauss Curvatures of Ruled Surfaces Which are Generated by Instantaneous Pfaff Vectors of The Dual Parallel Equidistant Ruled Surfaces
	İrem Eroğlu * Sevda Sağıroğlu Erdal Güner	On ordered hyperspace topologies in the setting of Čech closure ordered spaces

27.06.2018 WEDNESDAY	**ALGEBRA AND NUMBER THEORY** (Hall 5)	
	CHAIR	**Prof. Dr. Öznur Gölbaşı (Cumhuriyet University)**
	AUTHORS	**TITLES**
15.45-16.45	Zeliha Bedir* Öznur Gölbaşı	Some Equations in Semiprime Rings With Multiplicative Generalized Semiderivation
	Yıldıray Çelik*	Parametric Soft Semigroups
	Canan Akın* Kübra Eyüboğlu	Fuzzy Roughness in LA-Γ-Semigroups
	Gül Deniz Çaylı*	An overview of methods generalizing uninorms

27.06.2018 WEDNESDAY	**STATISTICS** (Hall 6)	
	CHAIR	**Prof. Dr. Orhan Kesemen (Karadeniz Technical University)**
15.45-16.45	**AUTHORS**	**TITLES**
	Hatice Tul	Comparison of Page-type Tests in Repeated Measures Designs

	Kübra Akdur*	
	Tahir Khaniyev* Zülfiye Hanalioğlu	Asymptotic Expansions for the Moments of the Random Walk with a Normal Distributed Interference of Chance
	Özlem Dökme* Chingiz Hacıyev	Kalman filter based sensor fault detection and isolation algorithms apllied to helicopter Dynamics
	Vedat Sağlam Murat Sağır Abdullah Çelik Erdinç Yücesoy*	Investigation of different output probability distribution in Hidden Markow Model
27.06.2018 WEDNESDAY	**MATHEMATICS EDUCATION** **(Hall 7)**	
	CHAIR	**Assis. Prof.Dr. Cemil İnan (Dicle University)**
	AUTHORS	TITLES
15.45-16.45	Feyza Aliustaoğlu* Abdulkadir Tuna Abdullah Çağrı Biber	Misconceptions of Sixth Grade Secondary School Students on Fractions
	Hayal Yavuz Mumcu Suheda Yıldız*	The Investigation of Algorithmic Thinking Skills of 5th and 6th Graders at a Theoretical Dimension
	Fikret Cihan* Hatice Akkoç	Investigation of Secondary Pre-service Mathematics Teachers' Pedagogical Content Knowledge of Proof
	Nadide Yılmaz* İ. Elif Yetkin Özdemir	An Investigation of Middle School Preservice Mathematics Teachers' Statistical Content Knowledge
27.06.2018 WEDNESDAY	**MATHEMATICS EDUCATION** **(Hall 8)**	
	CHAIR	**Prof. Dr. Murat Altun (Uludağ University)**
	AUTHORS	TITLES
15.45-16.30	Işıl Bozkurt* Murat Altun	Academic Participation View Through Mathematical Literacy Problems
	Şenol Namlı* Bilal Özçakır	Middle School Students' Transition from Arithmetic to Algebra in the context of Equation Problems
	Seda Şahin*	Teachers' Mathematical Modeling Competencies: Task Dimension

	Ramazan Gürbüz Muhammed Fatih Doğan Zeynep Çavuş Erdem	
27.06.2018 WEDNESDAY	**MATHEMATICS EDUCATION** **(Hall 9)**	
15.45-16.45	**CHAIR**	**Prof. Dr. Ayşegül Gökhan (Fırat University)**
	AUTHORS	**TITLES**
	Yasin Soylu Meltem Koçak* Fatih Hayat	Investigate the Development of Preservice Teachers' Knowledge of Teaching Strategies by the Lesson Study Method
	Fatma Erdoğan* Ayşegül Gökhan	An Analysis of the Ratio and Proportion Problems in Middle School Textbooks in the Context of Conceptual and Procedural Knowledge
	Nazmiye Akyazı* Abdullah Kaplan Ümit Demir	Negative Automatic Thoughts of Secondary School Students When They Encounter Verbal Story Problems
	Özlem Kalaycı* Recai Akkaya	An Investıgatıon Of The Process That 6th Grade Mıddle-School Students Construct Knowledge Of Dırect Proportıon And Inverse Proportıon Accordıng To Rbc+C Model: A Teaching Experiment
16.45-17.00	BREAK	
17.00-17.45	**INVITED LECTURE** **CHAIR:Prof.Dr. Okay Çelebi (Yeditepe University)** **TITLE: A Dynamic Private Property Resource Game with Asymmetric Firms** **SPEAKER: Luca Grilli (Universita degli Studi di Foggia)** **PLACE: FEF Hall**	
17.45-18.00	BREAK	
27.06.2018 WEDNESDAY	**APPLIED MATHEMATICS** **(Prof. Dr. Afet GOLAYOĞLU Hall)**	
18.00-19.00	**CHAIR**	**Assoc. Prof. Dr. Tülay Kesemen (Karadeniz Technical University)**
	AUTHORS	**TITLES**
	Mustafa Hicret Yaman* Gamze Yüksel	Numerical Analysis of Backward-Euler Method for Simplified MagnetoHydroDynamics with Linear Time Relaxation

	Seda Çatı* İlhame Amirali Gabil M. Amiraliyev	Finite difference method for delay pseudo-parabolic equations
	Mehmet Merdan Halil Anaç * Tülay Kesemen	Applications of Differential Transform Method to Some Random Component Time-Fractional Partial Differential Equations
	Hayati Olğar* Oktay Sh. Muhtarov Mustafa Kandemir Kadriye Aydemir	Generalized Eigenfunctions of The Multi Interval Sturm-Liouville Equation Under Boundary-Value-Transmission Conditions

27.06.2018 WEDNESDAY	ANALYSIS (Prof. Dr. Aydın TİRYAKİ Hall)	
	CHAIR	**Assoc. Prof. Dr. Mustafa Yıldırım (Cumhuriyet University)**
	AUTHORS	**TITLES**
18.00-19.00	Ismail Ekincioğlu* Esra Kaya Cansu Keskin	On the Variable Exponent $L_{(p(\cdot),\gamma)}$ Spaces and Riesz Transforms
	Erdal Ünlüyol Elif Başköy*	New Integral Inequalities for Operator h-preinvex Functions in Hilbert Spaces
	Nuh Durna* Mustafa Yıldırım	On the fine spectra of the Jacobi matrix over certain sequence spaces
	H.Topal* H. Mustafayev	Some Convergence Theorems for Multipliers

27.06.2018 WEDNESDAY	ANALYSIS (Hall 3)	
	CHAIR	**Assoc. Prof.Dr. İmdat İşcan (Giresun University)**
	AUTHORS	**TITLES**
18.00-19.00	Erdal Ünlüyol Elif Ünal Başköy*	Some New Inequalities for Operator m-preinvex Functions in Hilbert Spaces
	Oscar F. Bandtlow Ayse Güven Sarıhan*	Explicit upper bounds fort he spectral distance of two trace class operators

	Erdal Ünlüyol Seren Salaş* İmdat İşcan	Some properties of convex functions via Non-Newtoian calculus
	İmdat İşcan Cuma Altunsoy* Mahir Kadakal	New Inequalities on Lipschitz Functions
27.06.2018 WEDNESDAY	**ANALYSIS** **(Hall 4)**	
	CHAIR	**Assoc.Prof.Dr. İlyas Haşimoğlu (Karabük University)**
	AUTHORS	**TITLES**
18.00-19.00	Sevda Yıldız Fadime Dirik* Kamil Demirci	Korovkin type approximation via statistical equal convergence of the deferred Nörlund summability
	M. Esra Yıldırım* Nuh Durna Seda Kılınç Hüseyin Yıldırım	On minkowski and inverse minkowski inequalities via generalized fractional integrals
	Sevda Yıldız Fadime Dirik* Kamil Demirci	Statistical equal convergence of Bögel type continuous functions
	M. Esra Yıldırım* Hüseyin Yıldırım	The Generalized Hermite-Hadamard Type Inequalities for Caputo k-Fractional Derivative
27.06.2018 WEDNESDAY	**GEOMETRY AND TOPOLOGY** **(Hall 5)**	
	CHAIR	**Prof.Dr. Erol Kılıç (Inönü University)**
	AUTHORS	**TITLES**
18.00-19.00	Sevim Durak* Rauf Amirov	On The Solutions Of The Singular Differential Equations
	Mustafa Özkan Tugba Tamirci*	Lifts of Complex Metallic Structure to the Cotangent Bundle
	Gözde Özyurt* Yasemin Alagöz	Some Properties of 2x2 Complex Semi Quaternion Matrices

	İdris Çelik*	Multiple neutrosophic topological spaces
	Mehmet Korkmaz	

27.06.2018 WEDNESDAY	ALGEBRA AND NUMBER THEORY (Hall 6)	
	CHAIR	**Assoc. Prof. Dr. Yıldıray Çelik (Ordu University)**
	AUTHORS	**TITLES**
18.00-19.00	Tuğba Tuylu* Ali Hikmet Değer Ümmügülsün Akbaba	On Some Relations Between Continued Fractions and Fibonacci Numbers
	Zeliha Bedir* Öznur Gölbaşı	On Multiplicative Generalized Semiderivation in Semiprime Rings
	Canan Akın Ülkü Karakaya*	SP-Fuzzy Soft Ideals in Semigroups
	İsmail Özcan* Salih Aytar	Fuzzy Revenue for Linear and Quadratic Demand Functions Using Polygonal Fuzzy Number

27.06.2018 WEDNESDAY	STATISTICS (Hall 7)	
	CHAIR	**Assoc. Prof. Dr. Zafer Çakır (Alanya Alaeddin Keykubat University)**
	AUTHORS	**TITLES**
18.00-19.00	Tahir Khaniyev* Rovan Aliyev Zülfiye Hanalioğlu	Limit Theorem for a Semi-Markovian Random Walk with Two Barriers
	Deniz Ozonur* Hatice Tul Kubra Akdur Hülya Bayrak	An Application of Smooth Goodness of Fit Tests for Gamma Response Model
	Burak Karaca* Mustafa Hilmi Pekalp Halil Aydoğdu	Parameter estimation in semi-geometric process with exponential interarrival times
	Deniz Ozonur*	Performance of Goodness of Fit Tests of Nakagami Distribution against Generalized Nakagami Distribution

27.06.2018	MATHEMATICS EDUCATION	

WEDNESDAY	(Hall 8)	
	CHAIR	**Prof.Dr. Murat Altun (Uludağ University)**
	AUTHORS	**TITLES**
18.00-19.00	Hayal Yavuz Mumcu Suheda Yıldız*	The Investigation of Algorithmic Thinking Skills of 5th and 6th Graders According to Different Variables
	Hayal Yavuz Mumcu* Meral Cansız Aktaş	The Investigation of the Relationship Between Mathematical Connection Skill and Self-Efficacy Belief
	Emine Çatman Aksoy* Mine Işıksal Bostan	What paper folding can do for the concepts of parallelism and perpendicularity
	Tuğçe Kozaklı Ülger Işıl Bozkurt* Murat Altun	Determination of Mathematical Competences on Realistic Mathematics Problems
27.06.2018 WEDNESDAY	**MATHEMATICS EDUCATION** (Hall 9)	
	CHAIR	**Prof.Dr. Cemil Yapar (Ordu University)**
	AUTHORS	**TITLES**
18.00-19.00	Fikret Cihan Hatice Akkoç*	Investigation of Secondary Pre-service Mathematics Teachers' Difficulties with Proving
	Sare Şengül* Fatma Erdoğan Gülşah Cantimer	Investigation of Concept Images of Elementary preservice Mathematics Teachers in the Context of "Convergence of a Sequence.
	Sare Şengül* Fatma Erdoğan Gülşah Cantimer	Investigation of the problem solving processes of "definite integral" of science student teachers
	Nazmiye Akyazı* Abdullah Kaplan Ümit Demir	Investigation of the Opinions of Students Studying in the Rural Area on the Use of Mathematics in Agriculture
27.06.2018 WEDNESDAY	**MATHEMATICS EDUCATION** (Hall 10)	
18.00-19.00	**CHAIR**	**Assoc. Prof.Dr. Cemal Belen (Ordu University)**
	AUTHORS	**TITLES**
	Meltem Koçak*	Investigate the Levels of Meaningfully Remembering Geometric

	Yasin Soylu	Formulae of Preservice Mathematics Teachers'
	Özge Yiğitcan Nayir* Burçak Boz Yaman E. Banu Kayhan Kırmaç F. Derya Yavuz Safure Bulut	Orthographic and Isometric Drawing Ability of 5th Grade Students
	Rezan Yılmaz Merve Dündar*	Pre-service Mathematics Teachers' Construction Process of Nine Point Circle with Geometers' Sketchpad: The Case of Emre
	Abdullah Çağrı Biber Abdulkadir Tuna Samet Korkmaz Feyza Aliustaoğlu*	Analysis Of Define- And Drawing-Skills Of Secondary School Students: Parallelogram Example
27.06.2018 **WEDNESDAY**	**MATHEMATICS EDUCATION** **(Hall 11)**	
	CHAIR	**Asst.Prof.Dr. Rezan Yılmaz (Ondokuz Mayıs University)**
	AUTHORS	**TITLES**
18.00-18.45	Muhammed Fatih Doğan Seda Şahin* Zeynep Çavuş Erdem Ramazan Gürbüz	Investigation of Teachers' Awareness of Interdisciplinary Mathematical Modeling Problem
	Merve Dündar* Rezan Yılmaz	6th Grade Students' Construction Processes of Common Multiple Concept
	Ömer Şahin* Halil İbrahim Korkmaz	Prospective Preschool Teachers' Pedagogical Content Knowledge on Quantity Concepts in Terms of Children's Mistakes
19.30-22.00	DINNER	

28.06.2018 THURSDAY

28.06.2018 THURSDAY	APLLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
	CHAIR	Asist. Prof. Dr. Abdülgani Şahin (Ağrı İbrahim Çeçen University)
	AUTHORS	TITLES
	Banu Pazar Varol* Halis Aygün	A View on Intuitionistic Fuzzy Soft Near Rings
09.00-10.00	Erkan Çimen*	Computational Method for a Singularly Perturbed Mixed Type Delay Differential Problem
	Emin Aygün Aykut Öner*	Soft Encryotion and AES
	Tekin Toplu* İmdat İşcan Selahattin Maden	Lazhar type inequaliyies for P-Convex Functions
28.06.2018 THURSDAY	APLLIED MATHEMATICS (Prof. Dr. Aydın TİRYAKİ Hall)	
	CHAIR	Assoc. Prof.Dr. Şerif Amirov (Karabük University)
	AUTHORS	TITLES
	Şerif Amirov Selda Bostancı*	Finding The Single-Wave Solutions Using Polynomial Methods For The Analogs Of The Nonlinear Boussinesq Equation
09.00-10.00	Feride Tuğrul* Beyhan Yılmaz Mehmet Çitil	School Success Ranking in Multi Criteria Decision Making with Intuitionistic Fuzzy Logic
	Hüseyin Kamacı*	Symmetric Difference Operation in Soft Matrix Theory
	Murat Gevgeşoğlu* Yaşar Bolat	Stability Criterion For Fractional Difference Equations with Delay Term
28.06.2018 THURSDAY	ANALYSIS (Hall 3)	
09.00-10.00	CHAIR	Prof. Dr. Hıfsı Altınok (Fırat University)
	AUTHORS	TITLES

	Hıfsı Altınok Mithat Kasap* Derya Deniz	On (Δm,f)-statistical convergence of order β
	Ömer Kişi Burak Çakal*	On I-invariant convergence of folner sequences on amenable semigroups
	Seda Kılınç* Abdullah Akkurt Hüseyin Yıldırım	Some Inequality Related to eta-strongly convex functions
	R. Ozturk Mert* P. Ipek Al Z. I. Ismailov	Compactness of Upper Triangular One-Band Black Operator Matrices
28.06.2018 THURSDAY	**GEOMETRY AND TOPOLOGY** **(Hall 4)**	
09.00-10.00	**CHAIR**	**Asst. Prof.Dr. Erhan Güler (Bartın University)**
	AUTHORS	**TITLES**
	İdris Ören*	On the control invariants of planar Bezier curves for groups M(2) and SM(2)
	Erhan Güler Ayçın Gümüşok Karaalp*	Ulisse Dini-type Helicoidal Surface in 3-Space
	Nazmiye Alemdar*	Topological R-module groupoids
	Serdar Soylu* Ayhan Tutar	Holditch Type Theorem for Kinetic Energy of Projective Curve under the 1-Parameter Spatial Inverse Motion
28.06.2018 THURSDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 5)**	
09.00-10.00	**CHAIR**	**Assoc.Prof. Dr. Mücahit Özkaya (Ankara University)**
	AUTHORS	**TITLES**
	Emir Ardahan Gür Esra İnan* Ahmet Kutay Kaya	Encryption Of Letters Onto Each Other
	Adem Şahin Ahmet Turan*	On the The Maximum Determinant of Lower Hessenberg (0,1) Matrix

	Nil Mansuroğlu* Mücahit Özkaya	On Low Dimensional Leibniz Algebras
	Burcu Taş* Burcu Nişancı Türkmen Ergül Türkmen	Modules with ss-supplements over Commutative Domains

28.06.2018 THURSDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 6)**	
	CHAIR	**Assoc. Prof.Dr. Dr.Erhan Set (Ordu University)**
	AUTHORS	**TITLES**
09.00-09.45	Yıldıray Çelik Mihriban Durmuş*	Soft Linear Transformations between Vector Spaces
	Handan Köse* Burcu Ungor Abdullah Harmancı	An Approach to Semicommutativity of Rings via Idempotents
	Özgün Gürmen Alansal* Erdal Ulualan	2-Crossed Modules from Crossed Squares of Lie Algebras

28.06.2018 THURSDAY	**STATISTICS** **(Hall 7)**	
	CHAIR	**Prof.Dr. Tahir Khaniyev (TOBB ETU)**
	AUTHORS	**TITLES**
09.00-10.00	Zafer Bekiryazici* Tülay Kesemen Mehmet Merdan	Investigation of a Model for Polio by using Random Differential Equations and Parameters with Gaussian Distribution
	Asuman Yılmaz* Mahmut Kara	Comparison of goodness of fit tests for Lomax distribution
	Aslı Bektaş Kamışlık Melek Eriş Büyükkaya Büşra Alakoç* Tülay Kesemen	A New Estimator for Ergodic Distribution of a Semi-Markovian Renewal Reward Process when Demand Distributions Belongs to the L∩D Subclass of Heavy Tailed Distributions
	Cemil Yapar Fatma Buğlem Yalçın*	Recently Some Important Studies Delivered on the Least Squares Fitting of Quadratic Curves and Surfaces

28.06.2018 THURSDAY	**COMPUTER** (Hall 8)	
	CHAIR	**Assoc.Prof. Dr. Cemal Belen(Ordu University)**
	AUTHORS	TITLES
09.00-09.45	Orhan Kesemen* Eda Özkul Özge TezeL Buğra Kaan Tiryaki	Solving Cross-Matching Puzzle using Heuristic Approximation with probabilities
	Canan Çiftçi* Aysun Aytaç	Disjunctive Total Domination of Corona Graphs
	İnci Okumuş* Yüksel Soykan	On Boundedness Of Solutions Of The Rational Difference Equations

28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** (Hall 9)	
	CHAIR	**Assoc. Prof. Dr.Yaşar Akkan (Gümüşhane University)**
	AUTHORS	TITLES
09.00-09.45	Mesut Öztürk* Yaşar Akkan Abdullah Kaplan Gül Kaleli Yılmaz	The Relationship between Success of Abstract Mathematics Lesson and Metacognitive Awareness and Attitude toward Proof
	Rabil Ayazoglu* Mesut Öztürk Ebubekir Akkoyunlu	The Effect of Realistic Mathematics Education on the Academic Achievement and Attitudes of the 12th Grade Students on Derivative
	Esra İnan*	Teaching eaching maths to the gifted students through differentiated teaching method

28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** (Hall 10)	
	CHAIR	**Dr.Lecturer Mehmet Korkmaz (Ordu University)**
	AUTHORS	TITLES
09.00-10.00	Murat Altun Menekşe Seden Tapan Broutin	Mathematical Literacy Levels of 11 Years Old Students

	Hatice Yeğit*	
	Sebiha Kartalcı* Handan Demircioğlu	Self-Evaluations of High School Students Regarding to Own Metacognitive Behaviours In Problem Solving
	Demet Baran Bulut* Berna Aygün	Secondary School Mathematics Teacher Candidates' Competence in Mathematical Proof Methods
	Azime Atay*	Analyzing mathematical tasks in lesson plans done by prospective mathematics teachers
28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** **(Hall 11)**	
09.00-10.00	CHAIR	**Asst. Prof.Dr. Meral Cansız Aktaş (Ordu University)**
	AUTHORS	TITLES
	Funda Aydın Güç Cemre Samsunlu Ersoy*	The Relationship between the misconceptions eight graders have about Algebra , and their metacognitive awareness
	Ahmet Anıl Türker* Funda Aydın Güç	The Criteria That Mathematics Teachers Pay Attention While Creating Written Exam Questions and Determining Awareness of Misconceptions in This Context
	Meral Cansız Aktaş Nimet Pırasa*	The Investigation of Pre-service Teachers' Knowledge of Teaching Strategies for Comparing Decimals
	Dilara Nur Sayı* Zeynep Sonay Ay Müşerref Şükran Sayı	Preservice Elementary Mathematics Teachers' Concept Images Related to the Ratio and Proportion Concepts
10.00-10.15	BREAK	
10.15-11.00	INVITED LECTURE **CHAIR: Associate Prof. Dr. Sare Şengül (Marmara University)** **TITLE: A Model Suggestion in Order to Write Real Life Mathematics Questions** **in The PISA and TIMMS Character** **SPEAKER: Prof.Dr. Osman Gürsoy (Maltepe Universty)** **PLACE: FEF Hall**	
11.00-11.15	BREAK	
28.06.2018 THURSDAY	**APLLIED MATHEMATICS** **(Prof. Dr. Afet GOLAYOĞLU Hall)**	
11.15-12.15	CHAIR	**Prof. Dr. Cemil Yapar (Ordu University)**

AUTHORS	TITLES
Murat Sarduvan* Nurgül Kalaycı	On Linear Combination of a Quadratic or a Cubic Matrix and an Arbitrary Matrix
Ahmet Demiralp* Muhammed Şamil Şık Mehmet Güngör	Measures of some systems using system signature
Tahir Ceylan* Nihat Altınışık	Fuzzy Eigenvalue Problem with Eigenvalue Parameter Contained in the Boundary Condition
Nurettin Bağırmaz* Hatice Taşbozan	The left (righ) rough approximations in a group

28.06.2018 THURSDAY	APLLIED MATHEMATICS (Prof. Dr. Aydın TİRYAKİ Hall)	
	CHAIR	Prof.Dr. Adil Mısır (Gazi University)
	AUTHORS	TITLES
	Hüseyin Kamacı*	A New Decision Making Model Based on Soft Set Theory
	Rabil Ayazoglu* Sezgin Akbulut Ebubekir Akkoyunlu	Multiple small solutions for p-Schrödinger-Kirchhoff equations via genus theory
11.15-12.15	Rabil Ayazoglu Sezgin Akbulut Ebubekir Akkoyunlu*	Boundedness and convergence properties for a class of Kantorovich-type operators in variable exponent Lebesgue spaces
	Abdurrahman Gözpınar* Erhan Set	A Study on Hermite-Hadamard Type Inequalities via New Fractional Conformable Integrals

28.06.2018 THURSDAY	ANALYSIS (Hall 3)	
	CHAIR	Assoc. Prof. Dr. Selahattin Maden (Ordu University)
	AUTHORS	TITLES
11.15-12.15	Ömer Kişi Burak Çakal*	On I-Asymptotically Lacunary Statistical Equivalence of Functions on Amenable Semigroups
	Hıfsı Altınok Mithat Kasap*	Generalized Cesaro summability of order β

	Derya Deniz	
	Melih Tolunay* Yüksel Soykan	On Qi Type Integral Inequalities and Their Applications
	Fatih Yetgin Mehmet Korkmaz*	Hermite-Hadamard Type Inequalities for quasi-convex Functions via Fractional Integrals
28.06.2018 THURSDAY	**GEOMETRY AND TOPOLOGY** **(Hall 4)**	
11.15-12.15	**CHAIR**	**Prof Dr. Bünyamin Şahin (Ondokuz Mayıs University)**
	AUTHORS	**TITLES**
	Osman Mucuk* Serap Demir	Topological T- algebras
	Abdulgani Şahin* Bünyamin Şahin	Hosoya Polynomial of Graphs Belonging to Twist Knots
	İdris Ören*	Recognition of plane paths under linear similarity transformations
	Serdar Soylu* Ayhan Tutar Önder Şener	The Characteristic Point of Double Hinge Movement under Homothetic Inverse Motion
28.06.2018 THURSDAY	**ALGEBRA NUMBER THEORY** **(Hall 5)**	
11.15-12.00	**CHAIR**	**Asst.Prof. Yıldıray Çelik(Ordu University)**
	AUTHORS	**TITLES**
	Emin Aygün*	An İnvestigation of soft cyrptosystem
	Yıldıray Çelik Sevgi Demir*	Generalized Fuzzy Soft Groups
	Adem Şahin Ahmet Turan*	On the Dodgson condensation method
28.06.2018 THURSDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 6)**	
11.15-12.00	**CHAIR**	**Assoc. Prof. Dr. Şeyda Kılıçoğlu (Başkent University)**
	AUTHORS	**TITLES**

	Burcu Üngör* Handan Köse Abdullah Harmancı	A Generalization of the Class of Weakly Normal Rings
	Abdullah Akkurt* Seda Kılınç Hüseyin Yıldırım	Extension of (α,k,b)-gamma and (α,k,b)-beta functions for conformable integrals
	Tuğba Göresim* Funda Taşdemir	Some Binomial Double Sums

28.06.2018 THURSDAY	STATISTICS (Hall 7)	
	CHAIR	**Prof. Dr. Halil Aydoğdu (Ankara University)**
	AUTHORS	**TITLES**
11.15-12.15	Asuman Yılmaz* Mahmut Kara Halil Aydoğdu	L Moment and TL Moment Estimation for Two Parameter Lindley Distribution and Its Application
	Tülay Kesemen* Zafer Bekiryazici Tahir Khaniyev Gulsah Karaarslan	A Comparison of Variation Coefficients of Biochemical Reaction Model for Several Probability Distributions
	Mustafa Hilmi Pekalp* Halil Aydoğdu	A Parametric Estimator for the Geometric Function in Geometric Process with Exponential Interarrival Times
	Volkan Oda Mehmet Korkmaz Elif Özkurt Başustaoğlu*	A study over the effect of mean curvature and arc length values in selecting the appropriate growth model

28.06.2018 THURSDAY	COMPUTER (Hall 8)	
	CHAIR	**Prof. Dr. Orhan Kösemen (Karadeniz Technical University)**
	AUTHORS	**TITLES**
11.15-12.15	Zeliha Kartal* Aysun Aytaç	Central Measurement of the Value of a Vertex in Graphs
	Vedat Sağlam Abdullah Çelik	Hierarchical bucket queue system for priority programming in GPU's development

	Murat Sağır Erdinç Yücesoy*	
	İnci Okumuş* Yüksel Soykan	A Survey On Dynamical Behaviors Of Systems Of Nonlinear Difference Equations
	Miraç Güneysu* Melih Göcen	Global Attractivity of Some Rational Difference Equations
28.06.2018 **THURSDAY**	**MATHEMATICS EDUCATION** **(Hall 9)**	
11.15-12.15	**CHAIR**	**Assoc. Prof. Dr. Cemal Belen (Ordu University)**
	AUTHORS	**TITLES**
	Rabil Ayazoglu Ebubekir Akkoyunlu* Mesut Öztürk	Realistic Mathematics Education and Derivative Learning Opinions of 12th Grade Students about Realistic Mathematics Education and Derivative
	Ebru Güveli Demet Baran Bulut* Hasan Güveli	An assessment of pre-service mathematics teachers' knowledge and opinions about misconceptions
	Berna Aygün* Demet Baran Bulut	Pre-Service Mathematics Teachers' Mathematisation Processes In Modelling Activities
	Yılmaz Zengin*	An Investigation of the Mathematical Properties of Spirograph Models with GeoGebra
28.06.2018 **THURSDAY**	**MATHEMATICS EDUCATION** **(Hall 10)**	
11.15-12.15	**CHAIR**	**Assoc. Prof. Dr. Meral Cansız Aktaş(Ordu University)**
	AUTHORS	**TITLES**
	Meral Cansız Aktaş Nimet Pırasa*	Pre-service Teachers' Views about the Solution Suggestions for Overcoming the Student's Mistakes and Misconceptions
	Hilal Yıldız*	Views of Prospective Teachers About the Teaching Mathematics With Games
	Mesut Öztürk* Yaşar Akkan Abdullah Kaplan	Self-regulation skills in Pre-service math teachers' as learning and as teaching roles: A case of Algebra
	Esen Ersoy	Problem Solving Approaches of Preservice Teachers

	Gözde Bayraktar*	
28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** **(Hall 11)**	
	CHAIR	**Prof. Dr. H.Hilmi Hacısalihoğlu(Ankara University Emeritus Professor)**
	AUTHORS	**TITLES**
11.15-12.15	Ömer Şahin Murat Başgül*	Primary School Teacher Candidates' Pedagogical Content Knowledge on Quadrilaterals
	Esen Ersoy* Belma Türker Biber	Teaching Mathematics and Creative Drama: A Sample Lesson Plan
	Esen Ersoy Elif Aydın Çolak*	5E learning model in mathematics teaching : A sample lesson plan
	Safa Karakılıç* Selahattin Arslan	The Impact of Reading on Students' Problem Solving Skills and Their Mathematics Success
12.15-14.00	**LUNCH**	
28.06.2018 THURSDAY	**APLLIED MATHEMATICS** **(Prof. Dr. Afet GOLAYOĞLU Hall)**	
	CHAIR	**Assoc. Prof. Dr. Meryem Kaya (Gazi University)**
	AUTHORS	**TITLES**
14.00-15.00	Emel Aşıcı*	A note on nullnorms on the unit interval
	Rasim Dermez*	Mathematical theory of entangled states of spontaneous parametric down conversion (SPDC)
	Mahir Kadakal Selahattin Maden* İmdat İşcan	New Type Integral Inequalities for n-Times Differentiable Prequasiinvex Functions
	Tamaz S.Vashakmadze*	To the application Gauss-Hermite approximate method for initial-boundary value problems
28.06.2018 THURSDAY	**APLLIED MATHEMATICS** **(Prof. Dr. Aydın TİRYAKİ Hall)**	
14.00-15.00	**CHAIR**	**Prof. Dr. A. Okay Çelebi (Yedi Tepe University)**
	AUTHORS	**TITLES**

	Feride Tuğrul* Mehmet Çitil Muhammed Gezercan	Determination of The Relationship Between Students' Official Test and Pilot Test In The Transition To High School Using The Intuitionistic Fuzzy Logic
	Derya Aydın* Serpil Şahin	Solution of linear parabolic type equations with homotopy perturbation method
	Derya Arslan*	A Novel Hybrid Method for Singularly Perturbed Delay Differential Equations
	Fatih Say*	Asymptotic investigation of the singular differential equations and error analysis
28.06.2018 THURSDAY	**ANALYSIS** **(Hall 3)**	
14.00-15.00	**CHAIR**	**Dr. Lecturer Ahmet Demiralp (İnönü University)**
	AUTHORS	**TITLES**
	İmdat İşcan Cuma Altunsoy* Mahir Kadakal	Some New Inequalities for Lipschitz Functions via a Functional
	Serkan Demiriz Hacer Bilgin Ellidokuzoğlu*	Some Algebraic and Topological Properties of New Lucas Difference Sequence Spaces
	R. Ozturk Mert* P. Ipek Al B. Yılmaz Z. I. Ismailov	Discreteness of Spectrum of Normal Differential Operators for First Order
	Seda Kılınç* Abdullah Akkurt Hüseyin Yıldırım	On The Hermite-Hadamard Type Inequalities For strongly convex functions via Katugampola Fractional integrals
28.06.2018 THURSDAY	**GEOMETRY AND TOPOLOGY** **(Hall 4)**	
14.00-15.00	**CHAIR**	**Prof. Dr. Sadık Keleş (İnönü University)**
	AUTHORS	**TITLES**
	Şemsi Eken Meriç* Sadık Keleş Erol Kılıç	Some Inequalities for Ricci Solitons

	Filiz Ocak*	A note on a paraholomorphic Riemannian extension
	Beyhan Yılmaz*	Rectifying, Normal and Osculating Curves in Minkowski 3-Space
	Erol Kılıç* Şemsi Eken Meriç	The Ricci solitons with Concurrent Vector Fields

28.06.2018 THURSDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 5)**	
	CHAIR	**Assoc. Prof. Dr. Celil Nebiyev (Ondokuz Mayıs University)**
	AUTHORS	**TITLES**
14.00-15.15	Meryem Çobanbaşı* Serpil Şahin	Solution of nonlinear fredholm integral equations
	Adem Şahin Müzeyyen Demir*	On the properties of hyperbolic trigonometric operators
	Adem Şahin Müzeyyen Demir*	On the LOG and EXP Operators on Isoboric Polynomials
	Yıldıray Çelik Güven Kara*	Interval-valued Neutrosophic Soft Graphs
	Fatih Temiz* E. Mehmet Özkan	Structure of Cyclic Codes over $\mathbb{Z}_{p^s}+u\mathbb{Z}_{p^s}$ and Some Special Family of Them

28.06.2018 THURSDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 6)**	
	CHAIR	**Prof. Dr. Tamaz S. Vashakmadze (J. Tbilisi State University)**
	AUTHORS	**TITLES**
14.00-15.15	Abdullah Akkurt* Joel Restrepo Hüseyin Yıldırım	On a weighted class of ω-Caputo fractional derivatives, their representations and properties
	Ferhat Kürüz*	m-adic Residue Codes over $F_{q}[v]/(v^s-v)$
	Gülistan Kaya Gök* Şerife Büyükköse	On the distance sum-connectivity matrix
	Aynur Arıkan*	Locally Nilpotent p-Groups Whose Proper Subgroups Are Hypercentral-by-Chernikov

	Mustafa Sarı* Emre Kolotoğlu	An application of constacyclic codes to entanglement assisted quantum MDS codes
28.06.2018 **THURSDAY**	**STATISTICS** **(Hall 7)**	
	CHAIR	**Dr. Lecturer Can Kızılateş (Bulent Ecevit University)**
	AUTHORS	**TITLES**
14.00-15.00	Yılmaz Akdi Yasin Okkaoğlu* Elif Gölveren	Forecasting of Daily Electricity Consumption for Turkey
	Orhan Kesemen* Özge Tezel Eda Özkul Buğra Kaan Tiryaki	Calculating the Moments of Circular Data Using Angular Distance
	Mehmet Korkmaz Elif Özkurt Başustaoğlu*	A Look at the Generalized Mathematical Model named as Koya-Goshu Model for Biological Growths
	Özlem Dökme* Chingiz Hacıyev	Reconfigurable Kalman Filter for Estimation of Helicopter Flight Dynamics EC
28.06.2018 **THURSDAY**	**MATHEMATICS EDUCATION** **(Hall 8)**	
	CHAIR	**Prof. Dr. Ayşegül Gökhan (Fırat University)**
	AUTHORS	**TITLES**
14.00-15.00	Ömer Şahin Murat Başgül*	Investigation of PISA Problem Posing Skills of Mathematics Teacher Candidates
	Nilüfer Zeybek* Zeynep Sonay Ay	Identifying the spatial strategies of pre-servise middle school mathematics theachers
	Ramazan Uysal* Lütfi İncikabı	Analysis of middle school mathematics teaching programs implemented between 1998-2013
	Nilüfer Zeybek* Esra Demiray Elif Saygı	Use of Mental Games in Mathematics Lesson Plans

15.00-15.15	BREAK

15.15-16.00	INVITED LECTURE CHAIR: Prof. Dr. Sadık Keleş (İnönü University) TITLE: On The Tangent Bundle of A Weyl Manifold SPEAKER: Cornelia-Livia Bejan (Alexandru Loan Cuza University) PLACE: FEF Hall

16.00-16.15	BREAK

28.06.2018 THURSDAY	APLLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
	CHAIR	Prof.Dr. Adil Mısır (Gazi University)
	AUTHORS	TITLES
16.15-17.15	Nalan Kıtan Uyar* Adil Mısır	On Hyers-Ulam-Rassias Stability For First-Order Linear Differential Equations And Bernoulli Differential Equations
	Ahmet Demiralp* Muhammed Şamil Şık Bahadır Yüzbaşı	A study on reliability bounds
	Emel Aşıcı*	About ordering based on nullnorms on bounded lattices
	Gülistan Kaya Gök* Şerife Büyükköse	Some Bounds On The Topological Matrix and The Topological Indices

28.06.2018 THURSDAY	APLLIED MATHEMATICS (Prof. Dr. Aydın TİRYAKİ Hall)	
	CHAIR	Assoc. Prof. Dr. Reşat Yılmazer (Fırat University)
	AUTHORS	TITLES
16.15-17.15	Şuayip Yüzbaşı Gamze Yıldırım*	Laguerre Collocation Method for Solutions of Systems of Linear Differential equations
	Hande Günay Akdemir Ayşe Sakallıoğlu*	On Surrogate Dual Search Method for Minimum-Cost Flow Problems
	Onur Şahin*	Analysis of Surface Wave on a Coated Half-Space Caused by In-Plane Surface Loading
	Mehmet Merdan Halil Anaç* Tülay Kesemen	Fractional Variational Iteration Method for the Random Component Time-Fractional Fornberg-Whitham Equation

28.06.2018 THURSDAY	APLLIED MATHEMATICS (Hall 3)	
	CHAIR	Asst. Prof. Dr. Nihat Altınışık (Ondokuz Mayıs University)
	AUTHORS	TITLES
16.15-17.15	Oğuzer Sinan* Sefa Baydak Ahmet Duman Kemal Aydin	Lyapunov Matrix Equations Solution with Iterative Decreasing Dimension Method
	Tahir Ceylan* Nihat Altınışık	Fuzzy Eigenvalue Problem with Fuzzy Coefficients of Boundary Conditions
	Mustafa Hicret Yaman* Gamze Yüksel	Stability of Nonlinear Time Relaxation Model for Simplified MagnetoHydroDynamics and Comparison of Solutions
	Fatih Say*	Importance of Stokes rays of the singular differential equations
28.06.2018 THURSDAY	ANALYSIS (Hall 4)	
	CHAIR	Dr. Lecturer Abdullah Akkurt (Kahramanmaraş Sütçü İmam University)
	AUTHORS	TITLES
16.15-17.15	Derya Arslan*	A numerical method for singularly perturbed nonlocal boundary value problem on Bakhvalov Mesh
	Sercan Turhan* Selahattin Maden İmdat İşcan	Trapozoidal type inequalities related to geometrically aritmetic convex functions with application
	Oğuz Oğur*	A Note on Superposition Operators on Linear n-Normed Spaces
	Serkan Demiriz Hacer B. Ellidokuzoğlu*	Lucas Difference Sequence Spaces $c_0 (L^\wedge, \Delta)$ and $c(L, \Delta)$
28.06.2018 THURSDAY	GEOMETRY AND TOPOLOGY (Hall 5)	
	CHAIR	Prof.Dr. Bünyamin Şahin (Ondokuz Mayıs University)
16.15-17.15	AUTHORS	TITLES
	Abdulgani Şahin*	Tutte Polynomial for Graphs of Twist Knots

	Bünyamin Şahin	
	Günay Öztürk* İlim Kişi	AW(k)-type Salkowski Curves in Euclidean 3-space IE^3
	Osman Mucuk* Serap Demir	Internal categories in the category of semi-abelian algebras
	Evrim Güven*	On left (σ,τ)-Jordan ideals and generalized derivations
28.06.2018 THURSDAY	**GEOMETRY AND TOPOLOGY** **(Hall 6)**	
	CHAIR	**Prof.Dr. Erol Kılıç (İnönü University)**
	AUTHORS	**TITLES**
16.15-17.15	Nesrin Özsoy Burcu Boztürk Macit Pınar Melike Karataş Yıldız Akkaya*	Effect of teaching creative drama on teaching geometry
	Halil İbrahim Yoldaş* Şemsi Eken Meriç Erol Yaşar	On Sasakian Manifolds Admitting Concurrent Vector Fields
	Haşim Çayır Süleyman Şenyurt Gökhan Köseoğlu*	Some notes on the diagonal lifts of affinor fields along a cross-section on Tp,q(M)
	Süleyman Şenyurt Burak Öztürk*	Smarandache Curves Obtained from Salkowski Curve and Anti-Salkowski Curve
28.06.2018 THURSDAY	**STATISTICS** **(Hall 7)**	
	CHAIR	**Prof.Dr. Halil Aydoğdu (Ankara University)**
	AUTHORS	**TITLES**
16.15-17.00	Mustafa Hilmi Pekalp* Mahmut Kara Halil Aydoğdu	Some Bounds for the Mean Value Function of the Remaining Life Process Based on an Integral Equation
	Yasin Okkaoğlu* Yılmaz Akdi Elif Golveren	Detection of the Periodicity and Forecasting: A Study for Air Pollution in Ankara

	Mehmet Korkmaz* Volkan Oda Elif Özkurt Başustaoğlu	A study over determination of asymptotic deceleration and absolute acceleration points in logistic growth model
28.06.2018 THURSDAY	**LOGİCS** **(Hall 8)**	
	CHAIR	**Prof. Dr. Erdal Güner (Ankara University)**
	AUTHORS	**TITLES**
16.15-17.15	Emin Aygün*	A note on new ring structure
	Zafer Özdemir*	Correspondence in the First and Second Order Semantics for Modal Logic
	Zeynep Meşhur*	The historical course of symbolic logic
	Zeynep Meşhur*	A research on symbolic logic in last term of ottoman
28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** **(Hall 9)**	
	CHAIR	**Prof.Dr. Fatma Erdoğan (Marmara University)**
	AUTHORS	**TITLES**
16.15-17.15	Nesrin Özsoy* Yıldız Akkaya Fatma Eray Merve Umurbek Murat Güçlü Tuğba Tosun	Obtaining Acquisitions on the Values in the Secondary Education Mathematics Curriculum through Creative Drama Activities
	Yıldız Akkaya* Nesrin Özsoy	The Analysis On Scientific Studies About Realistic Mathematics Teaching Approach
	Adnan Baki Zekeriya Demetgül*	Reflections on Instruction of Inequality and Absolute Value: A Research on the Action
	Olcay Esen* Selahattin Arslan	Reflection from teaching using EBA: The triangle basic elements
28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** **(Hall 10)**	
	CHAIR	**Prof. Dr. Ayhan Tutar (Ondokuz Mayıs University)**

	AUTHORS	TITLES
16.15-17.30	Esen Ersoy Cansu Özkan*	Developing Achievement Test For Assessing Success Of 7th Grade Students At Secondary School On 'Rational Numbers' Issue
	Sündüse Kübra Çomarlı* Burçin Gökkurt Özdemir	Examination of 8-Grade Students About Their Performance of Problem Posing: Data Processing Example
	Fadime Ulusoy İbrahim Kepçeoğlu Zeyneb Betül Kaya*	The Nature of Prospective Middle School Mathematics Teachers' Contextual Problems about Linear Graphs
	Cemil İnan* Ekrem Aslan	An Analysis of the Effect of Critical Thinking Based Applications on Students' Mathematical Achievement and Attitudes
	Betül Küçük Demir*	Vews and designed activities of mathematics teacher candidates who got trained about STEM
17.15-17.30	BREAK	
17.30-18.15	**INVITED LECTURE** **CHAIR: Prof.Dr. Fikri Akdeniz (Çağ University)** **TITLE: Coupled Finite and Boundary Element Adaptive Approximations for the Problems of Elasticity** **SPEAKER: Ivan DYYAK (Ivan Franko Lviv National University)** **PLACE: FEF Hall**	
18.15-18.30	BREAK	
28.06.2018 THURSDAY	**APLLIED MATHEMATICS** **(Prof. Dr. Afet GOLAYOĞLU Hall)**	
18.30-19.30	CHAIR	**Prof.Dr. İmdat İşcan (Giresun University)**
	AUTHORS	TITLES
	Adil Mısır* Yasemin Başcı Süleyman Öğrekçi	On the stability of y'(x)=f(x,y(x)) in the sense of Ulam
	Adil Mısır* Yasemin Başcı Süleyman Öğrekçi	Hyers-Ulam stability for Caputo-Fabrizio type fractional differential equations
	Nilay Akgönüllü Pirim* Niyazi Şahin	A Hermite collocation method for the approximate solutions of high-order linear Volterra integro-differential equations

	Ümit Boz* Serpil Şahin	Numerical Solution of Volterra and Fredholm İntegral Equations by Homotopy Perturbation Method
28.06.2018 <u>THURSDAY</u>	**GEOMETRY AND TOPOLOGY** **(Hall 3)**	
	CHAIR	**Prof.Dr. A. Ceylan Çöken (Akdeniz University)**
	AUTHORS	**TITLES**
	Yılmaz Tunçer*	Darboux Vector and Stress Analysis of Centro-Affine Frame
18.30-19.30	Erhan Güler Ayçın Gümüşok Karaalp*	Ulisse Dini-type Helicoidal Hypersurface 4-Space
	Süleyman Dirik* Mehmet Atçeken Ümit Yıldırım	On Contact CR-Submanifolds of a Kenmotsu Manifold
	Yılmaz Tunçer*	Darboux Vector and Stress Analysis of Equi-Affine Frame
28.06.2018 <u>THURSDAY</u>	**ALGEBRA AND NUMBER THEORY** **(Hall 4)**	
	CHAIR	**Assoc. Prof. Dr. Burcu Nişancı Türkmen (Ankara University)**
	AUTHORS	**TITLES**
	Burcu Taş* Burcu Nişancı Türkmen	Cofinitely ss-supplemented Modules
	Ergül Türkmen* Burcu Nişancı Türkmen Engin Kaynar	On injective modules
18.30-19.45	Bünyamin Şahin* Abdulgani Şahin	On Graph Polynomials Of Some Trees
	Bünyamin Şahin* Abdulgani Şahin	Domination Number of Some Trees
	İrfan Soydan* Engin Kaynar Ergül Türkmen	ss-Radical and Strongly ss-Radical Supplemented Modules
28.06.2018 <u>THURSDAY</u>	**ALGEBRA AND NUMBER THEORY** **(Hall 5)**	

	CHAIR	Assoc. Prof. Dr. Aynur Arıkan (Gazi University)
	AUTHORS	TITLES
18.30-19.45	Mehmet E. Koroglu*	Two new classes of EAQMDS codes from constacyclic codes
	Özgün Gürmen Alansal* Erdal Ulualan	Change base for reduced quadratic Lie algebras
	Yıldıray Çelik Güven Kara*	An Application of Interval-valued Neutrosophic Soft Graphs in a Decision Making Problem
	Mustafa Özkan* Fatih Yılmaz	On Skew-Centrosymmetric Matrices
	Celil Nebiyev*	E-Radical Supplemented Modules
28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** **(Hall 6)**	
	CHAIR	Asst. Prof. Dr. Esen Ersoy (Ondokuz Mayıs University)
	AUTHORS	TITLES
18.30-19.30	Esen Ersoy Fuat Gümrükçü*	Students Percpective Against Mathematics Course
	Sündüse Kübra Çomarlı* Burçin Gökkurt Özdemir	Investigation of Middle School Mathematics Teachers' Skills of Using Mathematical Language in Problem Posing Process
	Kemal Özgen Recep Bindak*	A structural equation model fort he beliefs of mathematical connection and problem solving of high school students
	Kemal Özgen*	Developing a Checklist in Question Design for Mathematical Literacy and an Application
28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** **(Hall 7)**	
	CHAIR	Prof.Dr. Nesrin Özsoy (Adnan Menderes University)
	AUTHORS	TITLES
18.30-19.30	Şerife Yılmaz*	Some Considerations in Teaching Concepts of Eigenvalues and Eigenvectors
	Şeyda Aydın* Nadide Yılmaz Zeynep Sonay Ay	An evakuation of 7th grade mathematics textbook's data handling learning domain: a document analysis

	Kübra Aksakal* Nurcan Satan Zeynep Sonay Ay	An investigation of middle school mathematics preservice teachers'lesson plans in terms of mathematical process skills in teaching practice
	Kübra Aksakal Nurcan Satan* Zeynep Sonay Ay	Investigation the possible causes and the prevention suggestions of misconception in the expomemtal expressions based on the views of the teacher candidates
28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** **(Hall 8)**	
	CHAIR	**Assoc. Prof. Dr. Sare Şengül (Cumhuriyet University)**
	AUTHORS	TITLES
18.30-19.30	Sebiha Kartalcı* Handan Demircioğlu	Opinions of High School Students About the Writing Technique Applied in the Mathematics
	Gülşah Gerez Cantimer* Sare Şengül	Assessment of mathematical storytelling activities in the context of 7th grade students' abilities to drawing graphs
	Ebru Aylar* Esengül Yıldız Cemre Cengiz	The Discovery of an Educational Mathematics Game: "Let's Put a Number With Minus Here"
	Nadide Yılmaz İ. Elif Yetkin Özdemir*	Understanding The Role of Data Collection In Doing Statistics: A Case Study with Middle School Preservice Teachers
28.06.2018 THURSDAY	**MATHEMATICS EDUCATION** **(Hall 9)**	
	CHAIR	**Asst. Prof. Demet Baran Bulut (Recep Tayyip Erdoğan University)**
	AUTHORS	TITLES
18.30-19.45	Fadime Ulusoy İbrahim Kepçeoğlu Zeyneb Betül Kaya*	Cognitive and Contextual Structure of Prospective Teachers' Mathematical Problems in the Context of Problem Posing
	İrem Bağlan*	Fourier Method for Inverse Coefficient Euler-Bernoulli Beam Equation
	Melda Kılıç* Türker Sezer	Preschool teachers' concept definitions: The case of 2D shapes
	Betül Küçük Demir*	Development of the STEM Viewpoint Scale: Validity and Reliability Study

	Ebru Can	
	Ümit Demir	
	Abdullah Kaplan	
	Mesut Öztürk	
	Timur Canel*	Mathematical Modeling of Ablation of Carbon Fiber Reinforced Plastics by Laser
	İrem Bağlan	
20.00-22.00	DINNER	

29.06.2018 FRIDAY

29.06.2018 FRIDAY	**APLLIED MATHEMATICS** (Prof. Dr. Afet GOLAYOĞLU Hall)	
	CHAIR	**Prof.Dr. A. Okay Çelebi (Yeditepe University)**
	AUTHORS	TITLES
	Reşat Yılmazer* Ökkeş Öztürk	Discrete Fractional Solution of a Nonhomogeneous Non-Fuchsian Linear Differential Equations
08.00-09.00	Erhan Set* Ahmet Ocak Akdemir Abdurrahman Gözpınar	Ostrowski Type Inequalities via New Fractional Conformable Integrals
	Meryem Kaya*	Structural stability for the Benard problem with voight regularization
	Beyza Nuroğlu* Adil Mısır	Picone İdentity and Some Applications
29.06.2018 FRIDAY	**APLLIED MATHEMATICS** (Prof. Dr. Aydın TİRYAKİ Hall)	
	CHAIR	**Prof.Dr. Tahir Hanalioğlu (TOBB ETÜ)**
	AUTHORS	TITLES
08.00-09.00	Deniz Burak Kamiloğlu* Chingiz Hajiyev	Integrated Inertial-GPS Navigation System for Estimation of Aircraft Position, Velocity and Attitude via Complementary Kalman Filter
	Figen Kangalgil Seval Işık*	On Stability and Bifurcation Analysis in a Discrete Time Predator-Prey System

	Bahatdin Daşbaşı İlhan Öztürk Nurcan Menekşe* Gizem Cebe	Generalized Fractional-Order Mathematical Model for Bacterial Infectious
	Hasan Bulut Tolga Aktürk* Gulnur Yel	An Application of the Modified Expansion Method to Nonlinear Partial Differential Equation
29.06.2018 **FRIDAY**	**APLLIED MATHEMATICS** **(Hall 3)**	
08.00-09.00	**CHAIR**	**Prof.Dr. Ömer Akın (TOBB ETU)**
	AUTHORS	**TITLES**
	Hülya Gültekin Çitil Emel Demirtürk*	Investigation of the Sturm-Liouville Problem with Eigenvalue Parameter in the Boundary Condition
	Sibel Demiralp Gülnur Haçat*	On Fuzzy Sub-H-Groups
	Maksude Keleş* Ömer Akın	An Application of Fuzzy Differential Equations in Economics
	Resat Yilmazer* Ökkeş Öztürk	Explicit Solutions of the Homogeneous Second Order Differential Equation by means of Fractional Calculus
29.06.2018 **FRIDAY**	**ANALYSIS** **(Hall 4)**	
08.00-09.00	**CHAIR**	**Assoc. Prof. Dr. Cemal Belen (Ordu University)**
	AUTHORS	**TITLES**
	Hıfsı Altınok* Derya Deniz Mithat Kasap	Strongly (Δ,f)-Cesaro summability of order β
	Huriye Kadakal*	Multiplicatively P-Functions
	Mahir Kadakal Sercan Turhan Selahattin Maden* İmdat İşcan	Midpoint Type Inequalities for the Multiplicatively P-Functions

	Gökhan Işık* İlker Eryılmaz	Multiplication Operators On Grand Lorentz Spaces
29.06.2018 FRIDAY	**GEOMETRY AND TOPOLOGY** **(Hall 5)**	
	CHAIR	**Assoc. Prof. Dr. Gülnur Şaffak Atalay (Ondokuzmayıs University)**
	AUTHORS	**TITLES**
08.00-09.00	Haşim Çayır Süleyman Şenyurt Kübra Akdağ*	On the Riemannian metrics of the form on the tangent bundle
	Ayhan Erciyes* Mehmet Baran	Local T_2 Constant Filter Convergence Spaces
	Hilal Ayvacı* Gülnur Şaffak Atalay	Surface Family With A Common Mannheim B-Asymptotic Curves
	Süleyman Şenyurt Gülşah Kaya*	Smarandache Curves of Alternative Frame
29.06.2018 FRIDAY	**GEOMETRY AND TOPOLOGY** **(Hall 6)**	
	CHAIR	**Assoc. Prof. Dr. Handan Köse (Ahi Evran University)**
	AUTHORS	**TITLES**
08.00-09.00	Müzeyyen Sangurlu Sezen* Duran Türkoğlu	Some Fixed Point Theorems in Modular Spaces
	Mehmet Baran*	Local to filter convergence spaces
	Muammer Kula*	∂-Connected object in the category of proximity spaces
	Muammer Kula* Samed Özkan	A Note on Hausdorffness and Compactness in the Category of Proximity Spaces
29.06.2018 FRIDAY	**GEOMETRY AND TOPOLOGY** **(Hall 7)**	
08.00-09.00	**CHAIR**	**Asst. Prof . Dr. Süleyman Şenyurt (Ordu University)**
	AUTHORS	**TITLES**
	Süleyman Şenyurt	On Vectorial Moment of the Darboux Vector

	Hülya Şardağ*	
	Yasemin Soylu*	A Note on the Generalized Myers Theorem for Riemannian Manifolds
	Yasemin Soylu*	Ambrose Type Results for Weighted Ricci Curvature in Finsler Manifolds
	Ayhan Tutar Esra İnan Önder Şener*	Characteristic Directions of Closed Planar Homothetic Motions
29.06.2018 FRIDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 8)**	
	CHAIR	**Assoc. Prof. Dr. Yıldıray Çelik (Ordu University)**
	AUTHORS	**TITLES**
08.00-08.45	Çiğdem Biçer* Celil Nebiyev	Cofinitely oplus-supplemented lattices
	Esra Öztürk Sözen*	Modules With the Properties (δ-E*) and (δ-EE*)
	Engin Kaynar* Ergül Türkmen Hamza Çalışıcı	Strongly local modules and rings
29.06.2018 FRIDAY	**STATISTICS** **(Hall 9)**	
	CHAIR	**Asst. Prof. Dr. Zafer Özdemir (Istanbul Kultur University)**
	AUTHORS	**TITLES**
08.15-09.00	Emine Yüksek Dizdar* Nurgül Okur İmdat İşcan	Hermite-Hadamard Type Inequalities for r-Convex Stochastic Processes Using Fractional Integral Operators
	Vildan Karahan* Nurgül Okur İmdat İşcan	Hermite-Hadamard Type Inequalities for Convex Stochastic Processes on the n-co-ordinates
	Emine Yüksek Dizdar* Nurgül Okur	Some Fractional Integral Inequalities for Mean-Square Twice-Differentiable r-Convex Stochastic Processes
29.06.2018 FRIDAY	**COMPUTER**	

		(Hall 10)
	CHAIR	**Asst. Prof.Dr. Nurgül Okur (Giresun University)**
	AUTHORS	**TITLES**
08.00-09.00	Tamer Közleme* Bahadır Özgür Güler	Group Action and Orbits for Modular group
	Ilgıt Zengin* Bahadır Özgür Güler	The Normalizer of Modular Group in Picard Group
	Serbun Ufuk Değer* Yaşar Bolat	On stability of a class of the nonlinear difference equation systems with variable delayed
	Aysun Nar* Yaşar Bolat	Nonoscillation and oscillation criteria for a class of higher - order difference equations involving generalized difference operator
29.06.2018 FRIDAY	**MATHEMATICS EDUCATION** (Hall 11)	
	CHAIR	**Prof.Dr. Yasin Soylu (Atatürk University)**
	AUTHORS	**TITLES**
08.00-09.00	Fatma Kavuş* Elif Saygı	Determination of Secondary School Students' Attitudes towards Mathematics and their Mathematical Achievements
	Kani Başıbüyük* Yasin Soylu	The Influence of Mathematics History on the Academic Achievement of Middle School 8th Grade Students
	Fatma Kavuş* Çiğdem Alkaş Ulusoy Elif Saygı	The Relation Between the Number Sense and Self-Efficacy towards Number Sense of the Sixth Grade Students
	Yaşar Akkan* Pınar Akkan Mesut Öztürk Zafer Çakır	Processes of Solving Linear Figure Pattern Problems of Primary School Students at Different Learning Levels
29.06.2018 FRIDAY	**MATHEMATICS EDUCATION** (Hall 12)	
08.00-09.00	CHAIR	**Asst.Prof.Dr. Zerrin Toker (TED University)**
	AUTHORS	**TITLES**
	Hacer Koç Deniz* Mehmet Nuri	Mathematics teachers' views on yhe web site ' education information network' known as EBA in Turkey

	Gömleksiz	
	Şirin Okay* Lütfi İncikabı	An Investıgatıon Of Mathematıcs Contents Of Chıldren Perıodıcals In Terms Of Problem Specıfıcatıons
	Hacer Koçdeniz* Mehmet Nuri Gömleksiz	Secondary school students' attitude towards mathematics and its relationship to science, technology, mathematics and engineering professions
	Zafer Çakır* Yaşar Akkan Pınar Akkan Mesut Öztürk	Model and (Mathematical) Modelling: Academicians' Knowledge
29.06.2018 FRIDAY	**MATHEMATICS EDUCATION** **(Hall 13)**	
	CHAIR	**Prof. Dr.Nesrin Özsoy (Adnan Menders University)**
	AUTHORS	**TITLES**
08.00-09.00	Cemalettin Yıldız Koray Bahadır*	An Analysis of Studies Investigating Mathematical Thinking and its Stages
	Meral Cansız Aktaş* Hayal Yavuz Mumcu	Investigation of Pre-service Elementary Mathematics Teachers' Beliefs about Mathematics Teaching Self-Efficacy and Mathematics, Teaching and Learning
	Meral Cansız Aktaş* Hayal Yavuz Mumcu	What is Open-Ended Question? What is It Not?
	Yusuf Suna* Eyüp Sevimli Adem Eroğlu Yusuf Erdoğan	Examining Mathematics Teacher's Expectations Regarding to Basic Mathematical Qualifications from Students Who Have Started the Secondary School
29.06.2018 FRIDAY	**MATHEMATICS EDUCATION** **(Hall 14)**	
	CHAIR	**Asst.Prof.Dr. Özge Yiğitcan Nayir (Başkent University)**
	AUTHORS	**TITLES**
08.00-08.45	Meral Cansız Aktaş Devrim Yaşar Aktaş*	Investigation of Pre-service Elementary Mathematics Teachers' Knowledge of Interpreting Line Graph
	Davut Canlı* Erdinç Yücesoy	A Recognition Algorithm of Some Harmonic Chart Patterns in R: Trading Strategies on Financial Markets

	Sibel Yörük* Pınar Anapa Saban	The Effect of 5E Learning Model-Based Activities On Students: An Action Research
09.00-09.15	BREAK	
09.15-10.00	**INVITED LECTURE** **CHAIR: Prof. Dr. Ömer Akın (TOBB ETÜ)** **TITLE: A Comparative Analysis of Clustering Algorithms** **SPEAKER: Prof.Dr. Şahin Emrah Amrahov (Ankara Universty)** **PLACE: FEF Hall**	
10.00-10.15	BREAK	
29.06.2018 FRIDAY	**APLLIED MATHEMATICS** **(Prof. Dr. Afet GOLAYOĞLU Hall)**	
	CHAIR	**Assoc. Prof. Dr. Erhan Set (Ordu University)**
	AUTHORS	**TITLES**
10.15-11.15	Bulent Yilmaz Volkan Yaman*	Numerical Solutions of Nonlinear Pantograph Type Delay Differential Equations
	İlhan Öztürk Bahatdin Daşbaşı Gizem Cebe* Nurcan Menekşe	Stability Analysis of Fractional-Order Mathematical Model for Pathogenic Infection
	Deniz Burak Kamiloğlu* Chingiz Hajiyev	Reconfigurable Kalman Filter for Estimation of INS Position, Velocity and Attitude Errors in the Presence of Sensor Faults
	Reyhan Canatan İlbey* Nilay Şahin Bayram	Approximation Properties of Mittag-Leffler Operators via GBS Operators
29.06.2018 FRIDAY	**ANALYSIS** **(Prof. Dr. Aydın TİRYAKİ Hall)**	
	CHAIR	**Prof.Dr. Şahin Emrah (Ankara University)**
	AUTHORS	**TITLES**
10.15-11.00	Nizami A. Gasilov * Şahin Emrah Amrahov	An Investigation on Linear Differential Equations with Fuzzy Coefficients
	Oğuz Oğur	On non-newtonian measure for closed sets

	Sezgin Demir*	
	Sinan Ercan Hıfsı Altınok* Yavuz Altın	Lacunary Statistical Convergence for Sequences of Dual Numbers
29.06.2018 **FRIDAY**	**ANALYSIS** **(Hall 3)**	
10.15-11.00	**CHAIR**	**Asst. Prof. Dr. Erdal Ünlüyol (Ordu University)**
	AUTHORS	**TITLES**
	Sezer Erdem* Serkan Demiriz	A New Seminormed Sequence Space of Non-Absolute Type
	Sercan Turhan*	Trapozoidal type inequalities related to Ha Convex functions with application
	Sercan Turhan Mehmet Kunt İmdat İşcan*	Improvement of Hermite-Hadamard Type and Midpoint Type Inequalities for Convex Functions via Conformable Fractional Integral
29.06.2018 **FRIDAY**	**GEOMETRY AND TOPOLOGY** **(Hall 4)**	
10.15-11.00	**CHAIR**	**Asst.Prof.Dr. Süleyman Dirik (Amasya University)**
	AUTHORS	**TITLES**
	Müzeyyen Sangurlu Sezen*	Some Fixed Point Results For Fuzzy (h,β)-Contractive Mappings in Non-Archimedean Fuzzy Metric Spaces
	Mehmet Baran*	Local T1 Preordered Spaces
	Süleyman Şenyurt Abdussamet Çalışkan*	The Dual Spatial Quaternionic Expression of Ruled Surfaces
	Adu A.M. Wasike	Persistence and Stability of Synchronization in A System With A Diffusive-Time-Lag Coupling
29.06.2018 **FRIDAY**	**GEOMETRY AND TOPOLOGY** **(Hall 5)**	
10.15-11.00	**CHAIR**	**Assoc.Prof. Dr. Mustafa Özkan (Gazi University)**
	AUTHORS	**TITLES**
	Mehmet Baran	Local Pre-Hausdorff Constant Filter Convergence Spaces

	Ayhan Erciyes*	
	Seher Kaya*	New Examples of Timelike Minimal Surfaces in Lorentz-Minkowski Space
	Gülnur Şaffak Atalay* Hilal Ayvacı	Surface Family With A Common Mannheim B-Geodesic Curves
29.06.2018 FRIDAY	**ALGEBRA AND NUMBER THEORY** **(Hall 6)**	
	CHAIR	**Assoc. Prof. Dr. Aynur Arıkan (Gazi University)**
	AUTHORS	**TITLES**
10.15-11.15	Celil Nebiyev Hasan Hüseyin Ökten*	G- Supplemented lattices
	Hayrullah Özimamoğlu* Murat Şahin	Classification of Optimal Additive Toeplitz Codes Over GF(4)
	Hayrullah Özimamoğlu* Murat Şahin	Construction of The Binary Simplex Codes and The First Order Reed-Muller Codes
	Sibel Demiralp Gülnur Hacat*	On Fuzzy Retract of a Fuzzy Loop Space
29.06.2018 FRIDAY	**STATISTICS** **(Hall 7)**	
	CHAIR	**Assoc. Prof. Dr. Meryem Kaya (Gazi University)**
	AUTHORS	**TITLES**
10.15-11.30	Nurgül Okur* İmdat İşcan	A Generalization of the Hermite-Hadamard's Inequality for Convex Stochastic Processes on the co-ordinates
	Halil İbrahim Şahin Melek Eriş Büyükkaya*	Evaluating Fuzzy System Reliability Using Weibull Hazard Function
	Vildan Karahan* Nurgül Okur	Some Integral Inequalities of the Hermite-Hadamard Type for s-Convex Stochastic Processes on n-co-ordinates
	Hakan Gezgin*	A Brief Overview On The Geometry Of The Uncentered Coefficient Of

	Mehmet Korkmaz	Determination
	Melek Eriş Büyükkaya* Nesrin Güler	Some Equalities for Covariance Matrices of Blups General Linear Mixed Model
29.06.2018 FRIDAY	**COMPUTER** (Hall 8)	
	CHAIR	**Assoc. Prof. Dr. Nizami Gasilov (Başkent University)**
	AUTHORS	**TITLES**
10.15-11.00	Ilgıt Zengin* Bahadır Özgür Güler	Fuchsian Groups and Continued Fractions
	Bahadır Özgür Güler Tamer Közleme*	Generalized Farey Squences
	Fatma Hıra*	Dirac System for Hahn Difference Operator
29.06.2018 FRIDAY	**MATHEMATICS EDUCATION** (Hall 9)	
	CHAIR	**Prof.Dr. Ayşegül Gökhan (Fırat University)**
	AUTHORS	**TITLES**
	Yaşar Akkan* Mesut Öztürk Pınar Akkan Zafer Çakır	Reflections on Pattern Generalization Processes of 8th Grade Students
	Davut Canlı* Yüksel Terzi Tuba Şanlı	To What Extent is the Westside Test Anxiety Scale (WTAS) Reliable?
10.15-11.15	Zafer Çakır* Yaşar Akkan Mesut Öztürk Pınar Akkan	Mathematics through Faculty of Education Students' Eyes
	Firdevs İclal Karataş* Mihriban Hacısalihoğlu Karadeniz	Investigation of Written Arguments of Pre-service Teachers about Fractions

29.06.2018 FRIDAY	MATHEMATICS EDUCATION (Hall 10)	
	CHAIR	Prof.Dr. Murat Altun (Uludağ University)
	AUTHORS	TITLES
	Kani Başıbüyük* Yasin Soylu	The Influence of Mathematics History on Students' Mathematical Attitudes
10.15-11.15	Halil İbrahim Korkmaz Ömer Şahin*	Preschool Teacher Candidates' Content Knowledge on Two Dimensional Shapes
	Meral Cansız Aktaş Devrim Yaşar Aktaş*	Students' Performance in Linear Functions with Different Representations: A Cross-Age Study
	Yalçın Sandalcı* Ahmet Tekbıyık Ali Sabri İpek Samet Okumuş	An Iplementation of STEM Education in the Context Of Astronomy: Reflections from a Project On Modelling With Robots

11.15-12.30	CLOSING CEREMONY
12.30-17.00	EXCURSION AND LUNCH

POSTER PRESENTATIONS FOR MATHEMATICS EDUCATION	
Mehmet Ali Işık* Rukiye Didem Taylan	Examining classroom experiences and perspectives of middle school mathematics theachers on the use of tablets
Merve Esmer* Rukiye Didem Taylan	Investigating a Middle School Mathematics Teacher's Responses to Pivotal Teaching Moments
Balca Felek*	An Investigation of the Relationship Between 9th Grade Students' Performance on Non-routine Mathematics and Their Mathematics Anxiety
Aysun Fendi*	Exploring Personal Theories of a Prospective Middle School Mathematics Teacher
POSTER PRESENTATIONS FOR MATHEMATICS	
Rasim Dermez*	Characterization of Physics and Mathematics of Quantum Entanglement Via Ion-Phonon System
Hasret Durna*	Generalized Derivations of Hyperlattices

Raimundo Bastos Nil Mansuroğlu* Antonio Tortora Maria Tota	A note on Bounded Engel Elements in Groups
Hasret Durna*	Almost Generalized Derivations
İrem Eroğlu*	Some fixed point results for contractive type mappings in b-metric spaces
Ahmet Sinan Özkan*	Ambarzumyan Theorem on a Time Scale
WORKSHOP	
Zerrin Toker*	Student-Centered Mathematics Instruction-Workshop
POSTER PRESENTATIONS FOR MATHEMATICS EDUCATION WILL BE PRESENTED at 14.00 on 27.06.2018. **POSTER PRESENTATIONS FOR MATHEMATICS WILL BE PRESENTED at 14.00 on 28.06.2018.** **WORKSHOPS WILL BE PRESENTED at 16.00 on 27.06.2018.**	

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