



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	<p><u>INVITED LECTURE</u></p> <p>CHAIR: Prof.Dr. Nesrin Özsoy</p> <p>TITLE: A Model Suggestion in Order to Write Real Life Mathematics Questions in The PISA and TIMMS Character</p> <p>SPEAKER: Prof.Dr. Murat ALTUN (Uludağ Universty)</p> <p>PLACE: Faculty of Music and Performing Arts Hall</p>	
12.00-13.30	LUNCH	
<u>27.06.2018</u> WEDNESDAY	APPLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
13.30-14.30	CHAIR	Prof.Dr. Oktay Muhtarov (Gaziosmanpaşa Universty)
	AUTHORS	TITLES
	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
<u>27.06.2018</u> WEDNESDAY	APPLIED MATHEMATICS (Prof. Dr. Aydın TIRYAKI 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)	
13.30-14.45	CHAIR	Assoc.Prof.Dr. Mustafa Yıldırım (Cumhuriyet University)
	AUTHORS	TITLES
	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)	
13.30-14.30	CHAIR	Prof.Dr. İsmail Ekincioğlu (Dumlupınar University)
	AUTHORS	TITLES
	Mustafa Yıldırım* Nuh Durna Özkan Karadaş	The Lower and Upper Bounds of discrete generalized Cesaro operators and its fine Spectrum on \mathcal{S}^p ($1 < p < \infty$)
	Sercan Turhan Ayşe Kübra Demirel* Selahattin Maden	Hermite-Hadamard Inequality for Strongly p-Convex Functions

	İmdat İşcan	
	Esra Kaya* Ismail Ekincioglu	On the Variable Exponent $L_{(p(\cdot), \gamma)}$ 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)	
13.30-14.30	CHAIR	Prof.Dr. Mehmet Atçeken (Gaziosmanpaşa University)
	AUTHORS	TITLES
	Ümit Yıldırım* Mehmet Atçeken Süleyman Dirik	D-Conformal Curvature Tensor on $(LCS)_n$ -Manifolds
	Mehmet Atçeken* Ümit Yıldırım Süleyman Dirik	Ricci Solitons on Ricci Pseudosymmetric 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)	
13.30-14.30	CHAIR	Prof.Dr.Sadık Keleş (İnönü University)
	AUTHORS	TITLES
	Serap Demir* Osman Mucuk	Monodromy Groupoids for topological group-groupoids and Topological Double Groupoids
	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)	
13.30-14.30	CHAIR	Assoc. Prof. Dr. Aynur Arıkan (Gazi University)
	AUTHORS	TITLES
	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)	
13.30-14.30	CHAIR	Prof.Dr. Naim Tuğlu (Gazi University)
	AUTHORS	TITLES
	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	Mathematic Teaching With Short Film: First Order Equation With One Unknown
27.06.2018 WEDNESDAY	STATISTICS AND COMPUTER (Hall 9)	
13.30-14.30	CHAIR	Prof.Dr. Fikri Akdeniz (Çağ University)
	AUTHORS	TITLES
	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 Gökçurt Özdemir	The Peer Assessment of Mathematics Games Designed by Scratch Programming Language

27.06.2018 WEDNESDAY	MATHEMATICS EDUCATION (Hall 12)	
13.30-14.30	CHAIR	Prof.Dr. Cemil Tunç (Van Yüzüncü Yıl University)
	AUTHORS	TITLES
	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	<u>BREAK</u>	
14.45-15.30	<u>INVITED LECTURE</u> 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 University) PLACE: FEF Hall	
15.30-15.45	<u>BREAK</u>	
27.06.2018 WEDNESDAY	APPLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
15.45-16.45	CHAIR	Prof.Dr. Ömer Akın (TOBB University)
	AUTHORS	TITLES
	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	Behaviours of Random Effectuated 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)	
15.45-17.00	CHAIR	Assoc. Prof. Dr. Selahattin Maden (Ordu University)
	AUTHORS	TITLES
	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 Hümeysra 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)	
15.45-16.45	CHAIR	Assoc. Prof. Dr. Meryem Kaya (Gazi University)
	AUTHORS	TITLES
	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 operator
	Birsen Sağır Duyar Fatmanur Erdoğan*	Non-Newtonian Superposition Operators on $l_p(N)$, $c_0(N)$ and $c(N)$ into $l_1(N)^H$
	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 Ekincioglu	
27.06.2018 WEDNESDAY	GEOMETRY AND TOPOLOGY (Hall 4)	
15.45-16.45	CHAIR	Prof. Dr. Luca Grilli (Universita degli Studi di Foggia)
	AUTHORS	TITLES
	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)	
15.45-16.45	CHAIR	Prof. Dr. Öznur Gölbaşı (Cumhuriyet University)
	AUTHORS	TITLES
	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- \mathcal{S} -Semigroups
	Gül Deniz Çaylı*	An overview of methods generalizing uninorms
27.06.2018 WEDNESDAY	STATISTICS (Hall 6)	
15.45-16.45	CHAIR	Prof. Dr. Orhan Kesemen (Karadeniz Technical University)
	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 applied to helicopter Dynamics
	Vedat Sağlam Murat Sağır Abdullah Çelik Erdoğan Yücesoy*	Investigation of different output probability distribution in Hidden Markow Model
27.06.2018 WEDNESDAY	MATHEMATICS EDUCATION (Hall 7)	
15.45-16.45	CHAIR	Assis. Prof.Dr. Cemil İnan (Dicle University)
	AUTHORS	TITLES
	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)	
15.45-16.30	CHAIR	Prof. Dr. Murat Altun (Uludağ University)
	AUTHORS	TITLES
	Işıl Bozkurt* Murat Altun	Academic Participation View Through Mathematical Literacy Problems
	Şenol Namılı* 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 Investigation Of The Process That 6th Grade Middle-School Students Construct Knowledge Of Direct Proportion And Inverse Proportion According To Rbc+C Model: A Teaching Experiment
16.45-17.00	<u>BREAK</u>	
17.00-17.45	<u>INVITED LECTURE</u> 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	<u>BREAK</u>	
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)	
18.00-19.00	CHAIR	Assoc. Prof. Dr. Mustafa Yıldırım (Cumhuriyet University)
	AUTHORS	TITLES
	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)	
18.00-19.00	CHAIR	Assoc. Prof.Dr. İmdat İşcan (Giresun University)
	AUTHORS	TITLES
	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 for the spectral distance of two trace class operators

	Erdal Ünlüyol Seren Salaş* İmdat İşcan	Some properties of convex functions via Non-Newtonian calculus
	İmdat İşcan Cuma Altunsoy* Mahir Kadakal	New Inequalities on Lipschitz Functions
27.06.2018 WEDNESDAY	ANALYSIS (Hall 4)	
18.00-19.00	CHAIR	Assoc.Prof.Dr. İlyas Haşimoğlu (Karabük University)
	AUTHORS	TITLES
	Sevda Yıldız Fadime Dirik* Kamil Demirci	Korovkin type approximation via statistical equal convergence of the deferred Nörlund summability
	M. Esra Yıldırım* Nuh Durna Seda Kılınc 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)	
18.00-19.00	CHAIR	Prof.Dr. Erol Kılıç (İnönü University)
	AUTHORS	TITLES
	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* Mehmet Korkmaz	Multiple neutrosophic topological spaces
27.06.2018 WEDNESDAY	ALGEBRA AND NUMBER THEORY (Hall 6)	
18.00-19.00	CHAIR	Assoc. Prof. Dr. Yıldırım Çelik (Ordu University)
	AUTHORS	TITLES
	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 Aytaç	Fuzzy Revenue for Linear and Quadratic Demand Functions Using Polygonal Fuzzy Number
27.06.2018 WEDNESDAY	STATISTICS (Hall 7)	
18.00-19.00	CHAIR	Assoc. Prof. Dr. Zafer Çakır (Alanya Alaeddin Keykubat University)
	AUTHORS	TITLES
	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)	
18.00-19.00	CHAIR	Prof.Dr. Murat Altun (Uludağ University)	
	AUTHORS	TITLES	
	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)	
18.00-19.00	CHAIR	Prof.Dr. Cemil Yapar (Ordu University)	
	AUTHORS	TITLES	
	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 Kırmacı F. Derya Yavuz Safure Bulut	Orthographic and Isometric Drawing Ability of 5th Grade Students
	Rezan Yılmaz Merve Dünder*	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 Dünder* 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	<u>DINNER</u>	

28.06.2018 THURSDAY

<u>28.06.2018</u> THURSDAY	APPLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
09.00-10.00	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
	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
<u>28.06.2018</u> THURSDAY	APPLIED MATHEMATICS (Prof. Dr. Aydın TİRYAKİ Hall)	
09.00-10.00	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
	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
<u>28.06.2018</u> THURSDAY	ANALYSIS (Hall 3)	
09.00-10.00	CHAIR	Prof. Dr. Hıfı Altınok (Firat University)
	AUTHORS	TITLES

	Hıfı Altınok Mithat Kasap* Derya Deniz	On (Δ_m, 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)	
09.00-09.45	CHAIR	Assoc. Prof.Dr. Dr.Erhan Set (Ordu University)
	AUTHORS	TITLES
	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)	
09.00-10.00	CHAIR	Prof.Dr. Tahir Khaniyev (TOBB ETU)
	AUTHORS	TITLES
	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 LND 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

<u>28.06.2018</u> THURSDAY	COMPUTER (Hall 8)	
09.00-09.45	CHAIR	Assoc.Prof. Dr. Cemal Belen(Ordu University)
	AUTHORS	TITLES
	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
<u>28.06.2018</u> THURSDAY	MATHEMATICS EDUCATION (Hall 9)	
09.00-09.45	CHAIR	Assoc. Prof. Dr.Yaşar Akkan (Gümüşhane University)
	AUTHORS	TITLES
	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
<u>28.06.2018</u> THURSDAY	MATHEMATICS EDUCATION (Hall 10)	
09.00-10.00	CHAIR	Dr.Lecturer Mehmet Korkmaz (Ordu University)
	AUTHORS	TITLES
	Murat Altun Menekşe Seden Tapan Broutin	Mathematical Literacy Levels of 11 Years Old Students

	Hatice Yeğit*	
	Sebiha Kartalçı* 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	<u>BREAK</u>	
10.15-11.00	<u>INVITED LECTURE</u> 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	<u>BREAK</u>	
28.06.2018 THURSDAY	APPLIED 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 Bağırılmaz* Hatice Taşbozan	The left (right) rough approximations in a group
28.06.2018 THURSDAY	APPLIED MATHEMATICS (Prof. Dr. Aydın TIRYAKI Hall)	
11.15-12.15	CHAIR	Prof.Dr. Adil Mısırlı (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
	Rabil Ayazoglu Sezgin Akbulut Ebubekir Akkoyunlu*	Boundedness and convergence properties for a class of Kantorovich-type operators in variable exponent Lebesgue spaces
	Abdurrahman Gözpinar* Erhan Set	A Study on Hermite-Hadamard Type Inequalities via New Fractional Conformable Integrals
28.06.2018 THURSDAY	ANALYSIS (Hall 3)	
11.15-12.15	CHAIR	Assoc. Prof. Dr. Selahattin Maden (Ordu University)
	AUTHORS	TITLES
	Ömer Kişil Burak Çakal*	On I-Asymptotically Lacunary Statistical Equivalence of Functions on Amenable Semigroups
	Hıfzı 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. Yıldırım Çelik(Ordu University)
	AUTHORS	TITLES
	Emin Aygün*	An Investigation of soft cyrptosystem
	Yıldırım 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 Kılınc 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)	
11.15-12.15	CHAIR	Prof. Dr. Halil Aydoğdu (Ankara University)
	AUTHORS	TITLES
	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)	
11.15-12.15	CHAIR	Prof. Dr. Orhan Kösemen (Karadeniz Technical University)
	AUTHORS	TITLES
	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 Erdoğan 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' Mathematization 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)	
11.15-12.15	CHAIR	Prof. Dr. H.Hilmi Hacısalihoğlu(Ankara University Emeritus Professor)
	AUTHORS	TITLES
	Ömer Şahin Murat Başgöl*	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	APPLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
14.00-15.00	CHAIR	Assoc. Prof. Dr. Meryem Kaya (Gazi University)
	AUTHORS	TITLES
	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	APPLIED 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 Gezeran	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 Kılıç* 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)	
14.00-15.15	CHAIR	Assoc. Prof. Dr. Celil Nebiyev (Ondokuz Mayıs University)
	AUTHORS	TITLES
	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)	
14.00-15.15	CHAIR	Prof. Dr. Tamaz S. Vashakmadze (J. Tbilisi State University)
	AUTHORS	TITLES
	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)	
14.00-15.00	CHAIR	Dr. Lecturer Can Kızılateş (Bulent Ecevit University)
	AUTHORS	TITLES
	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)	
14.00-15.00	CHAIR	Prof. Dr. Ayşegül Gökhan (Fırat University)
	AUTHORS	TITLES
	Ömer Şahin Murat Başgöl*	Investigation of PISA Problem Posing Skills of Mathematics Teacher Candidates
	Nilüfer Zeybek* Zeynep Sonay Ay	Identifying the spatial strategies of pre-service middle school mathematics teachers
	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	<u>BREAK</u>	
15.15-16.00	<u>INVITED LECTURE</u> 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	<u>BREAK</u>	
<u>28.06.2018</u> THURSDAY	APPLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
16.15-17.15	CHAIR	Prof.Dr. Adil Mısır (Gazi University)
	AUTHORS	TITLES
	Nalan Kitan 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
<u>28.06.2018</u> THURSDAY	APPLIED MATHEMATICS (Prof. Dr. Aydın TİRYAKİ Hall)	
16.15-17.15	CHAIR	Assoc. Prof. Dr. Reşat Yılmaz (Fırat University)
	AUTHORS	TITLES
	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	APPLIED MATHEMATICS (Hall 3)	
16.15-17.15	CHAIR	Asst. Prof. Dr. Nihat Altınışık (Ondokuz Mayıs University)
	AUTHORS	TITLES
	Oğuzer Sinan* Sefa Baydak Ahmet Duman Kemal Aydın	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)	
16.15-17.15	CHAIR	Dr. Lecturer Abdullah Akkurt (Kahramanmaraş Sütçü İmam University)
	AUTHORS	TITLES
	Derya Arslan*	A numerical method for singularly perturbed nonlocal boundary value problem on Bakhvalov Mesh
	Sercan Turhan* Selahattin Maden İmdat İşcan	Trapezoidal type inequalities related to geometrically arithmetic 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 $c_0(L^\Delta, \Delta)$ and $c(L, \Delta)$
28.06.2018 THURSDAY	GEOMETRY AND TOPOLOGY (Hall 5)	
16.15-17.15	CHAIR	Prof.Dr. Bünyamin Şahin (Ondokuz Mayıs University)
	AUTHORS	TITLES
	Abdulgani Şahin*	Tutte Polynomial for Graphs of Twist Knots

	Büyüamin 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
	Evrin Güven*	On left (σ, τ) -Jordan ideals and generalized derivations
28.06.2018 THURSDAY	GEOMETRY AND TOPOLOGY (Hall 6)	
16.15-17.15	CHAIR	Prof.Dr. Erol Kılıç (İnönü University)
	AUTHORS	TITLES
	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 $T_{p,q}(M)$
	Süleyman Şenyurt Burak Öztürk*	Smarandache Curves Obtained from Salkowski Curve and Anti-Salkowski Curve
28.06.2018 THURSDAY	STATISTICS (Hall 7)	
16.15-17.00	CHAIR	Prof.Dr. Halil Aydoğdu (Ankara University)
	AUTHORS	TITLES
	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)	
16.15-17.15	CHAIR	Prof. Dr. Erdal Güner (Ankara University)
	AUTHORS	TITLES
	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)	
16.15-17.15	CHAIR	Prof.Dr. Fatma Erdoğan (Marmara University)
	AUTHORS	TITLES
	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
	Olca 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)

16.15-17.30	AUTHORS	TITLES
	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 Gökçurt 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*	Views and designed activities of mathematics teacher candidates who got trained about STEM
17.15-17.30	<u>BREAK</u>	
17.30-18.15	<u>INVITED LECTURE</u> 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	<u>BREAK</u>	
<u>28.06.2018</u> THURSDAY	APPLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
18.30-19.30	CHAIR	Prof.Dr. İmdat İşcan (Giresun University)
	AUTHORS	TITLES
	Adil Mısıır* Yasemin Başcı Süleyman Öğrekçi	On the stability of $y'(x)=f(x,y(x))$ in the sense of Ulam
	Adil Mısıır* 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 THURSDAY	GEOMETRY AND TOPOLOGY (Hall 3)	
18.30-19.30	CHAIR	Prof.Dr. A. Ceylan Çöken (Akdeniz University)
	AUTHORS	TITLES
	Yılmaz Tunçer*	Darboux Vector and Stress Analysis of Centro-Affine Frame
	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 THURSDAY	ALGEBRA AND NUMBER THEORY (Hall 4)	
18.30-19.45	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
	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 THURSDAY	ALGEBRA AND NUMBER THEORY (Hall 5)	

18.30-19.45	CHAIR	Assoc. Prof. Dr. Aynur Arıkan (Gazi University)
	AUTHORS	TITLES
	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)	
18.30-19.30	CHAIR	Asst. Prof. Dr. Esen Ersoy (Ondokuz Mayıs University)
	AUTHORS	TITLES
	Esen Ersoy Fuat Gümrükçü*	Students Perspective 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)	
18.30-19.30	CHAIR	Prof.Dr. Nesrin Özsoy (Adnan Menderes University)
	AUTHORS	TITLES
	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 exponential expressions based on the views of the teacher candidates
28.06.2018 THURSDAY	MATHEMATICS EDUCATION (Hall 8)	
18.30-19.30	CHAIR	Assoc. Prof. Dr. Sare Şengül (Cumhuriyet University)
	AUTHORS	TITLES
	Sebiha Kartalıcı* 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)	
18.30-19.45	CHAIR	Asst. Prof. Demet Baran Bulut (Recep Tayyip Erdoğan University)
	AUTHORS	TITLES
	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* İrem Bağlan	Mathematical Modeling of Ablation of Carbon Fiber Reinforced Plastics by Laser
20.00-22.00	<u>DINNER</u>	

29.06.2018 FRIDAY

<u>29.06.2018</u> FRIDAY	APPLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
08.00-09.00	CHAIR	Prof.Dr. A. Okay Çelebi (Yeditepe University)
	AUTHORS	TITLES
	Reşat Yilmazer* Ökkeş Öztürk	Discrete Fractional Solution of a Nonhomogeneous Non-Fuchsian Linear Differential Equations
	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 Mısıır	Picone Identity and Some Applications
<u>29.06.2018</u> FRIDAY	APPLIED MATHEMATICS (Prof. Dr. Aydın TİRYAKİ Hall)	
08.00-09.00	CHAIR	Prof.Dr. Tahir Hanalioğlu (TOBB ETÜ)
	AUTHORS	TITLES
	Deniz Burak Kamilioğlu* 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	APPLIED 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
	Hıfı 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)	
08.00-09.00	CHAIR	Assoc. Prof. Dr. Gülnur Şaffak Atalay (Ondokuzmayıs University)
	AUTHORS	TITLES
	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 Ayvaci* 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)	
08.00-09.00	CHAIR	Assoc. Prof. Dr. Handan Köse (Ahi Evran University)
	AUTHORS	TITLES
	Müzeyyen Sangurlu Sezen*	Some Fixed Point Theorems in Modular Spaces
	Duran Türkoğlu	
	Mehmet Baran*	Local to filter convergence spaces
	Muammer Kula*	∂ -Connected object in the category of proximity spaces
29.06.2018 FRIDAY	Muammer Kula* Samed Özkan	A Note on Hausdorffness and Compactness in the Category of Proximity Spaces
	GEOMETRY AND TOPOLOGY (Hall 7)	
	CHAIR	Asst. Prof . Dr. Süleyman Şenyurt (Ordu University)
08.00-09.00	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)	
08.00-08.45	CHAIR	Assoc. Prof. Dr. Yıldırım Çelik (Ordu University)
	AUTHORS	TITLES
	Çiğdem Biçer* Celil Nebiyev	Cofinitely oplus-supplemented lattices
	Esra Öztürk Sözen*	Modules With the Properties $(\delta-E^*)$ and $(\delta-EE^*)$
	Engin Kaynar* Ergül Türkmen Hamza Çalışıcı	Strongly local modules and rings
29.06.2018 FRIDAY	STATISTICS (Hall 9)	
08.15-09.00	CHAIR	Asst. Prof. Dr. Zafer Özdemir (İstanbul Kültür University)
	AUTHORS	TITLES
	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)	
08.00-09.00	CHAIR	Asst. Prof.Dr. Nurgül Okur (Giresun University)
	AUTHORS	TITLES
	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
<u>29.06.2018</u> FRIDAY	MATHEMATICS EDUCATION (Hall 11)	
08.00-09.00	CHAIR	Prof.Dr. Yasin Soylu (Atatürk University)
	AUTHORS	TITLES
	Fatma Kavuş* Elif Saygı	Determination of Secondary School Students' Attitudes towards Mathematics and their Mathematical Achievements
	Kani Başbüyük* 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
<u>29.06.2018</u> 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

	Gömlüksiz	
	Şirin Okay* Lütfi İncikabı	An Investigation Of Mathematics Contents Of Children Periodicals In Terms Of Problem Specifications
	Hacer Koçdeniz* Mehmet Nuri Gömlüksiz	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)	
08.00-09.00	CHAIR	Prof. Dr.Nesrin Özsoy (Adnan Menders University)
	AUTHORS	TITLES
	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)	
08.00-08.45	CHAIR	Asst.Prof.Dr. Özge Yiğitcan Nayir (Başkent University)
	AUTHORS	TITLES
	Meral Cansız Aktaş Devrim Yaşar Aktaş*	Investigation of Pre-service Elementary Mathematics Teachers' Knowledge of Interpreting Line Graph
	Davut Canlı* Erdoğan 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	APPLIED MATHEMATICS (Prof. Dr. Afet GOLAYOĞLU Hall)	
10.15-11.15	CHAIR	Assoc. Prof. Dr. Erhan Set (Ordu University)
	AUTHORS	TITLES
	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)	
10.15-11.00	CHAIR	Prof.Dr. Şahin Emrah (Ankara University)
	AUTHORS	TITLES
	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 Hıfı 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*	Trapezoidal type inequalities related to H_a 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 T_1 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 Ayvaci	Surface Family With A Common Mannheim B-Geodesic Curves
29.06.2018 FRIDAY	ALGEBRA AND NUMBER THEORY (Hall 6)	
10.15-11.15	CHAIR	Assoc. Prof. Dr. Aynur Arkan (Gazi University)
	AUTHORS	TITLES
	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)	
10.15-11.30	CHAIR	Assoc. Prof. Dr. Meryem Kaya (Gazi University)
	AUTHORS	TITLES
	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)	
10.15-11.00	CHAIR	Assoc. Prof. Dr. Nizami Gasilov (Başkent University)
	AUTHORS	TITLES
	İlgıt Zengin* Bahadır Özgür Güler	Fuchsian Groups and Continued Fractions
	Bahadır Özgür Güler Tamer Közleme*	Generalized Farey Sequences
	Fatma Hıra*	Dirac System for Hahn Difference Operator
29.06.2018 FRIDAY	MATHEMATICS EDUCATION (Hall 9)	
10.15-11.15	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?
	Zafer Çakır* Yaşar Akkan Mesut Öztürk Pınar Akkan	Mathematics through Faculty of Education Students' Eyes
	Firdevs İclal Karataş* Mihriban Hacısalıhoğlu Karadeniz	Investigation of Written Arguments of Pre-service Teachers about Fractions

29.06.2018 FRIDAY	MATHEMATICS EDUCATION (Hall 10)	
10.15-11.15	CHAIR	Prof.Dr. Murat Altun (Uludağ University)
	AUTHORS	TITLES
	Kani Başbüyük* Yasin Soylu	The Influence of Mathematics History on Students' Mathematical Attitudes
	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 Implementation of STEM Education in the Context Of Astronomy: Reflections from a Project On Modelling With Robots

11.15-12.30	<u>CLOSING CEREMONY</u>
12.30-17.00	<u>EXCURSION AND LUNCH</u>

POSTER PRESENTATIONS FOR MATHEMATICS EDUCATION	
Mehmet Ali Işık* Rukiye Didem Taylan	Examining classroom experiences and perspectives of middle school mathematics teachers 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.	



**REPUBLIC OF TURKEY
MINISTRY OF NATIONAL
EDUCATION**



**REPUBLIC OF TURKEY
ORDU GOVERNORATE**



MATDER



ORDU UNIVERSITY



ALTINORDU MUNICIPALITY



**ORDU CHAMBER OF COMMERCE
AND INDUSTRY**



DOĞUŞ TEA



AKADEMİK PUBLISHING



PALME PUBLISHING



ÖZEL Umut HOSPITAL