

# CONFERENCE SCIENTIFIC PROGRAM

## 11.09.2018 Tuesday

09:00-10:30	Registration: Tea/Coffee & Networking	
10:30-10:45	Chair's Welcome: Vatan KARAKAYA, Rector of Ahi Evran University	
10:45-11:00	Co-Chair's Welcome: Prof. Mohammad MURSALEEN, Aligarh Muslim University	
11:00-11:15	Tea/Coffee	
11:15-12:00	Prof. Zuhair NASHED	PERTURBATION ANALYSIS FOR GENERALIZED INVERSES OF LINEAR OPERATORS AND THE ROLE OF OUTER INVERSES IN REGULARIZATION OF ILL-POSED PROBLEMS
12:00-14:00	Lunch+Tea	
<h2>Parallel sessions 1</h2>		
Chair : PROF. DOĞAN KAYA		
14:00-14:15	Öznur KULAK	CONVERGENCE OF THE INVERSE CONTINUOUS WAVELET TRANSFORM IN WEIGHTED VARIABLE EXPONENT AMALGAM SPACES
14:15-14:30	Tanuj KUMAR	WAVELET PACKET TRANSFORMATION ASSOCIATED WITH LINEAR CANONICAL HANKEL TRANSFORMATION
14:30-14:45	Pınar ZENGİN ALP	A NEW OPERATOR IDEAL ON BLOCK SEQUENCE SPACES
14:45-15:00	Cihan ÜNAL	SOME COMPACTNESS CRITERİONS IN WEIGHTED VARIABLE EXPONENT AMALGAM SPACES
15:00-15:15	Cihan ÜNAL	THINNESS AND FINE TOPOLOGY WITH RELATIVE CAPACITY
15:15-15:30	Harun POLAT	EPI EULER CONVERGENCE OF KIND CONVERGENT SETS
15:30-15:45	Tea/Coffee & Networking	
Chair : PROF. QAMRUL HASAN ANSARI		
15:45-16:00	İsmail AYDIN	WEIGHTED STOCHASTIC FIELD EXPONENT LEBESGUE AND SOBOLEV SPACES
16:00-16:15	FERNANE KHAİREDDINE	NUMERICAL APPROACH BASED ON LAGRANGE POLYNOMIALS FOR SOLVING FREDHOLM INTEGRAL EQUATIONS
16:15-16:30	Yusuf ZEREN	ON EXISTENCE AND UNIQUİNESS OF SOME CLASS NONLINEAR EIGENVALUE PROBLEM
16:30-16:45	Lakshika CHUTANI	FUNCTIONAL ANALYTIC STRUCTURES OF ENTİRE FUNCTION REPRESENTED BY DIRICHLET SERIES WITH COMPLEX FREQUENCIES
16:45-17:00	Hakan ŞAHİN	SOME CARISTI TYPE FIXED POINT THEOREMS ON M-METRIC SPACE

# Parallel sessions 2

Chair : **PROF. MOHAMMMAD MURSALEEN**

14:00-14:15	Burak KURT	RECURRENCE RELATION ON THE UNIFIED LAGUERRE-BASED POLY-APOSTOL TYPE POLYNOMIALS
14:15-14:30	Burak KURT	NOTES ON GENERATED $q$ -POLY GENOCCHI POLYNOMIALS
14:30-14:45	Şahsene ALTINKAYA	ON A SUBCLASS OF BI-UNIVALENT FUNCTIONS WITH THE FABER POLYNOMIAL EXPANSIONS
14:45-15:00	Şahsene ALTINKAYA	ON THE BOUNDS OF GENERAL SUBCLASSES OF ANALYTIC AND BI-UNIVALENT FUNCTIONS ASSOCIATED WITH SUBORDINATION
15:00-15:15	Şahsene ALTINKAYA	CHEBYSHEV POLYNOMIAL COEFFICIENT RESULTS ON A SUBCLASS OF ANALYTIC AND BI-UNIVALENT FUNCTIONS INVOLVING QUASI-SUBORDINATION
15:15-15:30	Nejla ÖZMEN	ON KRAWTCHOUK POLYNOMIALS
15:30-15:45	<b>Tea/Coffee &amp; Networking</b>	

Chair : **Chair : PROF. ABDULMAJID NUSAYR**

15:45-16:00	Ömer KİŞİ	A GENERALIZED STATISTICAL CONVERGENCE VIA IDEALS DEFINED BY FOLNER SEQUENCE ON AMENABLE SEMIGROUPS
16:00-16:15	Ömer KİŞİ	LACUNARY $I_2$ -INVARIANT CONVERGENCE OF DOUBLE SEQUENCES OF FUNCTIONS ON AMENABLE SEMIGROUP
16:15-16:30	Erdiñç DÜNDAR	ASYMPTOTICALLY $I_2$ -INVARIANT EQUIVALENCE OF DOUBLE SEQUENCES AND SOME PROPERTIES
16:30-16:45	Erhan GÜLER	TORUS HYPERSURFACE IN 4-SPACE
16:45-17:00	Erhan GÜLER	HELICOIDAL HYPERSURFACES OF DINI-TYPE IN THE FOUR DIMENSIONAL MINKOWSKI SPACE

# 12.09.2018 Wednesday

08:00-09:30	Registration: Tea/Coffee & Networking
09:30-10:15	Prof. Mohammad MURSALEEN
10:15-10:30	Tea/Coffee & Networking

## Parallel Sessions 1

Chair Prof. Jong Kyu KIM

10:30-10:45	Muhammed Recai TÜRKMEN	LACUNARY IDEAL CONVERGENCE IN FUZZY NORMED SPACE
10:45-11:00	Muhammed Recai TÜRKMEN	LACUNARY STATISTICAL CONVERGENCE IN FUZZY N-NORMED LINEAR SPACES
11:00-11:15	Muhammed Recai TÜRKMEN	LAMBDA STATISTICAL CONVERGENCE OF DOUBLE SEQUENCES IN FUZZY NORMED SPACES
11:15-11:30	Muhammed Recai TÜRKMEN	ON I-CAUCHY DOUBLE SEQUENCES IN FUZZY NORMED SPACE
11:30-11:45	Sibel ÖZTÜRK	ALGEBRA OF CONVERGENCE SET SEQUENCE
11:45-12:00	Şükrü TORTOP	STATISTICAL CONVERGENCE OF MINIMA AND MINIMIZERS OF SEQUENCES OF FUNCTIONS
12:00-12:15	Hamid VAEZİ	WEIGHTED COMPOSITION OPERATORS FROM BLOCH-TYPE SPACES INTO BERS-TYPE SPACES
12:45-14:00	Lunch+Tea	

## Parallel Sessions 2

Chair Prof. Vagif GULIYEV

10:30-10:45	AbdulMajid NUSAYR	ROOTS OF ANALYSIS IN ISLAMIC MATHEMATICS
10:45-11:00	Esra GÜLLE	ON QUASI-LACUNARY INVARIANT CONVERGENCE OF SEQUENCES OF SETS
11:00-11:15	NİMET AKIN	ASYMPTOTICALLY LACUNARY I-INVARIANT EQUIVALENCE OF SEQUENCES DEFINED BY A MODULUS FUNCTION
11:15-11:30	NİMET AKIN	ASYMPTOTICALLY I-INVARIANT EQUIVALENCE OF SEQUENCES DEFINED BY A MODULUS FUNCTION
11:30-11:45	Soshal SAINI	A NOTE ON APPROXIMATION OF FUNCTIONS BY MEANS OF FOURIER LAGUERRE SERIES
11:45-12:00	G. Canan Hazar Güleç	ON INCLUSION THEOREMS FOR ABSOLUTE CESÀRO SUMMABILITY METHODS
12:00-12:15	Nadire Fulda ODABAŞI	APPROXIMATION PROPERTIES OF THE BERNSTEINCHLODOWSKYDURRMEYER
12:45-14:00	Lunch+Tea	

## Parallel Sessions 3

Chair Prof. Emrah Evren KARA

10:30-10:45	Fuat USTA	SOME BOUNDS OF THE FINITE HILBERT TRANSFORM AND APPLICATIONS IN NUMERICAL INTEGRATION
10:45-11:00	Uğur ULUSU	STATISTICAL LACUNARY INVARIANT SUMMABILITY OF DOUBLE SEQUENCES
11:00-11:15	Uğur ULUSU	ON SOME ASYMPTOTICALLY EQUIVALENCE TYPES FOR DOUBLE SEQUENCES AND RELATIONS AMONG THEM
11:15-11:30	Nursel ÇETİN	A NEW COMPLEX GENERALIZED BERNSTEIN-SCHURER OPERATOR
11:30-11:45	Merve İLKHAN	FIXED POINT THEOREMS VIA SIMULATION TYPE FUNCTIONS
11:45-12:00	Shagufta RAHMAN	APPROXIMATION BY JAKIMOVSKI-LEVIATAN OPERATORS OF DURRMEYER TYPE INVOLVING MULTIPLE APPELL POLYNOMIALS
12:00-12:15	Arzu ÖZKOÇ ÖZTÜRK	ON GENERALIZED TRIBONACCI OCTONIONS
12:45-14:00	Lunch+Tea	

# Parallel sessions 4

Chair ASSOC. PROF. ERDİNÇ DÜNDAR

10:30-10:45	Sibel Yalçın TOKGÖZ	CERTAIN SUBCLASSES OF HARMONIC UNIVALENT FUNCTIONS ASSOCIATED WITH A MULTIPLIER LINEAR OPERATOR
10:45-11:00	Sibel Yalçın TOKGÖZ	CERTAIN CONVEX HARMONIC FUNCTIONS DEFINED BY SUBORDINATION
11:00-11:15	Sibel Yalçın TOKGÖZ	RESULTS ON A CLASS OF HARMONIC UNIVALENT FUNCTIONS INVOLVING A NEW DIFFERENTIAL OPERATOR
11:15-11:30	Badreddine AZZOUÏ	ON THE CONVERGENCE OF MOVING AVERAGE PROCESSES
11:30-11:45	Hajer GARBOUT	SURJECTIVITY RESULTS FOR NONLINEAR WEAKLY SEQUENTIALLY CONTINUOUS OPERATORS
11:45-12:00	Ambreen NAAZ	IMPROVED APPROXIMATION BY KING TYPE (P,Q)-SZASZ-MIRAKJAN KANTOROVICH OPERATORS
12:00-12:15	Erdal ÜNLÜYOL	SOME NEW INEQUALITIES AND HERMITE-HADAMARD-FEJER INEQUALITY VIA NON-NEWTONIAN CALCULUS
12:45-14:00	Lunch+Tea	

**14:00-18:00-City Tour**

# 13. 09. 2018 Thursday

08:00-09:30	Registration: Tea/Coffee & Networking	
09:30-10:15	Prof. Qamrul Hasan ANSARI	EKELAND'S VARIATIONAL PRINCIPLE FOR SET-VALUED MAPS
10:15-10:30	Tea/Coffee & Networking	

## Parallel Sessions 1

Chair : PROF. FAİK GÜR SOY

10:30-10:45	Utku Cem KARABULUT	A VARIATIONAL APPROACH TO SOLVE LANE EMDEN EQUATION
10:45-11:00	Utku Cem KARABULUT	A SIMPLE NUMERICAL SOLUTION OF THOMAS-FERMI DIFFERENTIAL EQUATION
11:00-11:15	Ramazan KAMA	SOME SEQUENCE SPACES RELATED TO A SEQUENCE IN A NORMED SPACE
11:15-11:30	Aynur Şahin	SOME NEW RESULTS OF M-ITERATION PROCESS IN HYPERBOLIC SPACES
11:30-11:45	Canan AYDEMİR	AN $h$ -DEFORMATION OF SYMPLECTIC (1+2)-SUPERSPACE VIA A CONTRACTION
11.45-12:00	Yunus ATALAN	ON A NEW ESCAPING CRITERIONS FOR COMPLEX POLYNOMIALS USING FIXED POINT ITERATION METHOD AND $S$ -SONVEXITY

12:00-13:30

Lunch+Tea

13:30-14:15	Prof. Jong Kyu KIM	SOME RESULTS ON A COMMON ZERO OF A FINITE FAMILY OF ACCRETIVE OPERATORS IN BANACH SPACES
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14:15-14:30

Tea/Coffee & Networking

Chair : PROF. YUNUS ATALAN

14:30-14:45	Arti RATHORE	APPROXIMATION OF FUNCTIONS IN THE GENERALIZED ZYGMUND CLASS
14:45-15:00	Waleed KHEDR	REDUCTION OF NAVIER-STOKES EQUATION TO A LINEAR EQUATION
15:00-15:15	G. Zamani ESKANDANI	ON THE ZERO POINT PROBLEM OF MONOTONE OPERATORS IN $CAT(0)$ SPACES
15:15-15:30	Saoussen DEREBL	APPROXIMATION AND FIXED POINT THEOREMS IN HAUSDORFF TOPOLOGICAL VECTOR SPACES
15:30-15:45	Mohammad FARID	AN ITERATIVE ALGORITHM FOR SPLIT GENERALIZED EQUILIBRIUM PROBLEM FOR NEW MAPPINGS

16:00-16:15

Tea/Coffee & Networking

Chair PROF. FAİK GÜR SOY

16:15-16:30	Abdelmejid BAYAD	A NOTE ON THE VALUES OF THE TWISTED BARNES ZETA FUNCTIONS AND THEIR APPLICATIONS
16:30-16:45	Abderrazek CHAOUI	DISCRETIZATION SCHEME TO FRACTIONAL DIFFUSION EQUATION WITH MEMORY TERM
16:45-17:00	SAID MAZOUZI	EXPONENTIAL STABILITY OF SOME NEURAL NETWORK SYSTEMS OF COHEN-GROSSBERG TYPE
17:00-17:15	Allaoua BOUDJEDOUR	ELECTRO-VISCOELASTIC ANTIPLAN CONTACT PROBLEM WITH POWER FRICTION LAW
17:15-17:30	Said BELOUL	FIXED POINT THEOREMS FOR GENERALIZED MULTIVALUED $(\phi, F)$ -SUZUKI CONTRACTIONS IN METRIC SPACES
17:30-17:45	Müzeyyen ERTÜRK	CONVERGENCE AND STABILITY RESULTS FOR $K^*$ ITERATION

## Parallel Sessions 2

Chair PROF. MUTTALIP ÖZAVŞAR

10:30-10:45	Doğan KAYA	SYMMETRY ANALYSIS AND CONSERVATION LAWS OF THE BOUNDARY VALUE PROBLEMS FOR TIME-FRACTIONAL GENERALIZED BURGERS' DIFFERENTIAL EQUATION
10:45-11:00	İbrahim ERDAL	SPECTRAL SINGULARITIES OF THE IMPULSIVE STURM LIOUVILLE OPERATORS ON THE SEMI AXIS
11:00-11:15	Ozlem KIRCI	ON THE NEW SOLUTIONS OF (3+1)-DIMENSIONAL POTENTIAL-YTSF EQUATION BY $\tan(F(\cdot)/2)$ -EXPANSION METHOD
11:15-11:30	Gonca DURMAZ	ON MIZOGUCHI-TAKAHASHI'S TYPE SET VALUED $(\phi, \psi)$ CONTRACTIONS
11:30-11:45	Muttalip ÖZAVŞAR	SOME FIXED POINT THEOREMS IN CONE METRIC SPACES OVER BANACH ALGEBRAS

12:00-13:30

Lunch&Tea

<b>13:30-14:15</b>	<b>Prof. Jong Kyu KIM</b>	<b>SOME RESULTS ON A COMMON ZERO OF A FINITE FAMILY OF ACCRETIVE OPERATORS IN BANACH SPACES</b>
<b>14:15-14:30</b>	<b>Tea/Coffee &amp; Networking</b>	
<b>Chair : PROF. MUTTALIP ÖZAVŞAR</b>		
14:30-14:45	Majdah Mohammed BADR	GOODNESS – OF – FIT TESTS FOR THE COMPOUND RAYLEIGH DISTRIBUTION AND REAL DATA APPLICATION
14:45-15:00	Meddahi MERYEM	A HYBRID METHOD FOR VARIATIONAL INEQUALITIES OVER FIXED POINT SETS OF MULTIMAPS
15:00-15:15	Akshaya DEVI	ANALYSIS OF EFFECT OF FLEXIBLE WING ON LIFT AND DRAG COEFFICIENT
15:15-15:30	Shahid Ahmad WANI	CERTAIN PROPERTIES OF THE EXTENDED SHEFFER POLYNOMIALS
15:30-15:45	Faik Gürsoy	SOME FIXED POINT RESULTS FOR A NEW THREE STEPS ITERATION PROCESS IN BANACH SPACES: A REVISIT
<b>16:00-16:15</b>	<b>Tea/Coffee &amp; Networking</b>	
<b>Chair PROF. YUNUS ATALAN</b>		
16:15-16:30	Farshid KHOJASTEH	WELL-BEHAVED QUASI CONTRACTION ON JS-POMPEIU-HAUSDORFF METRIC SPACE
16:30-16:45	Taoufik SABAR	ON BEST PROXIMITY POINT OF TRICYCLIC MAPPINGS
16:45-17:00	Emirhan HACIOĞLU	A NEW CONTRACTION-LIKE MULTIVALUED MAPPING ON GEODESIC SPACES
17:00-17:15	Edraoui MOHAMED	FIXED-POINT THEOREMES ON LOCALLY K-CONVEX SPACE
<h1>Parallel Sessions 3</h1>		
<b>Chair PROF. KADRİ DOĞAN</b>		
10:30-10:45	Zahir MURADOĞLU	OBTAINING THE FINITE DIFFERENCE APPROXIMATION OF TRANSMISSION CONDITIONS OF DEFORMATION PROBLEM FOR MULTILAYERED MATERIALS
10:45-11:00	Cüneyt YAZICI	ON APPLICATIONS OF MULTIDIMENSIONAL AFFINE TRANSFORM IN THE SUPPLY OF MISSING DATA
11:00-11:15	Musa DİKMEN	NEW JUNGCK-TYPE ITERATIVE ALGORITHM AND NUMERICAL RECKONING COINCIDENCE POINTS IN CONVEX METRIC SPACES
11:15-11:30	Derya SEKMAN	ON THE F-CONTRACTION OF THE DARBO THEOREM GENERALIZED BY FUNCTION CLASSES
11:30-11:45	Derya SEKMAN	ISHIKAWA ITERATION PROCESS AS CONTROL SYSTEMS AND CHAOTIC DISCRETE DYNAMICAL SYSTEMS
<b>12:00-13:30</b>	<b>Lunch&amp;Tea</b>	
<b>13:30-14:15</b>	<b>Prof. Jong Kyu KIM</b>	<b>SOME RESULTS ON A COMMON ZERO OF A FINITE FAMILY OF ACCRETIVE OPERATORS IN BANACH SPACES</b>

# 14.09.2018 Friday

08:00-09:00	Registration: Tea/Coffee & Networking	
09:00-09:45	Prof. Bayram ŞAHİN	
09:45-10:00	Tea/Coffee & Networking	
<h2>Algebra Section</h2>		
Chair: PROF. BAYRAM ŞAHİN		
10:00-10:15	Handan KOSE	ON SEMI-COMMUTATIVE RINGS
10:15-10:30	Ferhat SAH	AN APPLICATION OF ONE DIMENSIONAL CELLULAR AUTOMATA UNDER INTERMEDIATE BOUNDARY CONDITION
10:30-10:45	Ferhat SAH	AN APPLICATION OF THREE DIMENSIONAL CELLULAR AUTOMATA WITH PBC
10:45-11:00	Mücahit ÖZKAYA	ON FINITE DIMENSIONAL LEIBNIZ ALGEBRAS
11:00-11:15	İbrahim GÖKCAN	INVESTIGATION OF SUBORBITAL GRAPHS OF THE TYPE $\mathcal{P}(L, M)$
11:15-11:30	HASSAN MOUADI	NEW TOPOLOGY IN $\beta(I)$
11:30-11:45	Funda TAŞDEMİR	P-3-PRIME IDEALS IN NEAR RINGS
11:45-12:00	Derya KARATAŞ	DIMENSION OF PRODUCT OF FOUR HOMOGENEOUS COMPONENTS IN FREE LIE ALGEBRAS
12:00-12:15	Tea/Coffee & Networking	
12:15-12:30	M. Yahya ABBASI	A STUDY ON LATERAL BASES AND COVERED LATERAL IDEALS OF ORDERED TERNARY SEMIGROUPS
12:30-12:45	Serpil HALICI	ON BICOMPLEX JACOBSTHAL-LUCAS NUMBERS
<h2>Parallel Sessions 1</h2>		
Chair :		
10:00-10:15	Ayşe SARIAYDIN FİLİBELİOĞLU	DG SOLUTION OF DIFFUSION-REACTION PROBLEM TO MODEL THE DENSITY OF TUMOR GROWTH DYNAMIC
10:15-10:30	Murat KİRİŞÇİ	NEW TYPE SOFT SET AND MEDICAL DECISION MAKING APPLICATION
10:30-10:45	Taner BÜYÜKKÖROĞLU	ON THE $\mathcal{P}$ -STABLE FAMILIES
10:45-11:00	Boughazi HICHEM	NODAL SOLUTION OF PANEITZ TYPE EQUATION
11:00-11:15	Mualla Birgül HUBAN	SOME OPERATOR INEQUALITIES
11:15-11:30	Shko Ali TAHIR	REASONABLE MODIFICATIONS UNDER THE B-SPLINE BASIS WITH THE SSPRK54 FOR SOLVING THE BURGERS EQUATION
11:30-11:45	Haci Mehmet BASKONUS	ON THE ROOTS OF AN EVOLUTION EQUATION
11:45-12:00	Haci Mehmet BASKONUS	NOVEL CONTOUR SURFACES TO THE (2+1)-DIMENSIONAL DATE-JIMBO-KASHIWARA-MIWA EQUATION
12:15-12:30	Hamdullah ŞEVLİ	QUASI-HAUSDORFF TRANSFORMATIONS FOR DOUBLE SEQUENCES
12:30-12:45	Yaprak Dericioğlu	EXTENDED KRYLOV METHOD FOR THE NUMERICAL RESOLUTION OF A LARGE SCALE DIFFERENTIAL SYMMETRIC STEIN EQUATION
13:00-14:00	Closing Ceremony	

# Geometry Section

Chair : PROF. BAYRAM ŞAHİN

10:00-10:15	Ali DAĞDEVİREN	THE ROOTS OF A DUAL QUATERNION
10:15-10:30	Ibrahim Yousif Ibrahim ABDALRHMAN	LAGRANGIAN MECHANICAL SYSTEMS WITH FOUR ALMOST COMPLEX STRUCTURES ON SYMPLECTIC GEOMETRY
10:30-10:45	Hany NASRY	COORDINATE TRANSFORMATION FOR SENSOR FUSION USING GEOMETRIC ALGEBRA