

ICFAS 2022 CONFERENCE PROGRAM

28 JUNE 2022 TUESDAY			
09:00-	OPENING CEREMONY		
SESSION 1			
CHAIR			
MUHAMMET KURULAY			
SHAKIR ALI			
JORDAN TYPE MAPPINGS IN RINGS AND ALGEBRAS			
MOHAMMAD ASHRAF			
ON NONLINEAR LIE (JORDAN)-TYPE DERIVATIONS OF ALGEBRAS			
BREAK			
ROOM A ROOM B ROOM C			
CHAIR			
SHAKIR ALI CIHAT ABDIOGLU FURKAN SEMİH DÜNDAR			
OCTAVIAN AGRATINI AHMAD AL-OMARI SEDA YAMAÇ AKBIYIK			
ON JAIN OPERATORS AND THEIR COMPATIBLE STRUCTURE IN IDEAL CECH DE MOIVRE-TYPE IDENTITIES FOR THE PADOVAN GENERALIZATIONS CLOSURE SPACES NUMBERS			
DAIVER CARDONA SALGADO BASEM AREF FRASIN MERVE BULUT YILGÖR			
BIO-CONTROL OF DENGUE BY RELEASING SUBCLASS OF ANALYTIC FUNCTIONS WITH DETECTION OF NON-CDS REGION USING STERILE MALE AEDES AEGYPTI MOSQUITOES NEGATIVE COEFFICIENTS RELATED WITH ERROR-CORRECTING CODES MILLER-ROSS-TYPE POISSON DISTRIBUTION SERIES			
MERVE YÜCEL EQAB RABEI FURKAN SEMİH DÜNDAR			
A NEW SEMI-ANALYTICAL METHOD AND ITS A SOLUTION OF THE CONFORMABLE ANGULAR MAXIMAL VARIETY LEIBNIZIAN STRINGS FOR APPLICATION EQUATION OF THE SCHRÖDINGER EQUATION LARGE N			
SAMEERAH JAMAL			
NOISE REDUCTION PARTIAL DIFFERENTIAL EQUATIONS			
LUNCH			
SESSION 2			
CHAIR			
MUHAMMET KURULAY			
AHMED ZAYED			
ON FRACTIONAL INTEGRAL TRANSFORMS: EXTENSIONS AND APPLICATIONS			
BREAK			
ROOM A ROOM B-SPECIAL SESION ROOM C			
CHAIR			
OCTAVIAN AGRATINI SHAKIR ALI MÜCAHİT AKBIYIK			
TANER KALAYCI INVITED TALKS SERBÜLENT TÜRK			
THEORETICAL INVESTIGATION OF ORIENTATION ON CLASS OF LAMBDA-MODULES NITROGEN-DOPED CARBON QUANTUM DOTS- EFFECT ON ELECTRONIC PROPERTIES OF GELLAN GUM AS AN INNOVATIVE SELF- Pt/Co/Ir/Co/Pt THIN FILMS HEALABLE HYDROGEL COMPOSITE			
MAZHAR SALIM AL ZOUBI INDIAH EMILIA WIJAYANTI ENGIN ERBAYRAK			
ASSOCIATION BETWEEN COL9A2 AND COL9A ON CLASS OF LAMBDA-MODULES DESIGNING AND MANUFACTURING THE SCISSOR GENES POLYMORPHISMS AND DISC DISORDER PLATFORM PROTOTYPE USING NUMERICAL DEGENERATIVE DISORDER ANALYSIS			
YUNUS EMRE ARVAS CIHAT ABDIOGLU RABIA GÜLİZAR TUNCER			
BIOETHICAL ARGUMENTS RELEVANT TO THE IDEAL-BASED GRAPHS MALEVIS DATASET MALWARE SOFTWARE USE OF GENETICALLY MODIFIED ORGANISMS DETECTION WITH CNN AND DEEP LEARNING			
15:15-15:30			
NIKKEN PRIMA PUSPITA			
CONTINUOUS COMODULES			
BREAK			
SESSION 3			
CHAIR			
MUHAMMET KURULAY			
PATRICK GUIDOTTI			
OSCILLATIONS DRIVEN BY DIFFUSION IN A SCALAR HEAT EQUATION			
BREAK			
RAVI P. AGARWAL			
EXISTENCE AND UNIQUENESS RESULTS FOR A NONLINEAR INTEGRAL EQUATION RELATED TO INFECTIOUS DISEASE			
BREAK			
ROOM A ROOM B-SPECIAL SESION ROOM C			
TURKISH LANGUAGE			
CHAIR			
SÜMEYRA UÇAR MOHAMMAD ASHRAF MUHAMMET KURULAY			
SÜMEYRA UÇAR MOHAMMAD SALAHUDDIN KHAN ABDELAZIZ ABDALLAOUI			
SOLUTION PROPERTIES OF A FRACTIONAL ON GENERALIZED DERIVATIONS INVOLVING ELABORATION OF STOCHASTIC MATHEMATICAL ACUTE AND CHRONIC HEPATITIS B PRIME IDEALS OF *-RINGS MODELS FOR THE RELATIVE HUMIDITY LEVELS PREDICTION USING ARTIFICIAL NEURAL NETWORKS			
BURAK OĞUL MU'AMAR MUSA NURWIGANTARA MUHAMMET KURULAY			
DYNAMICAL BEHAVIOR OF RATIONAL COMPLETELY INTEGRALLY CLOSED MODULES MATHEMATICAL MODEL OF TUMOR-IMMUNE DIFFERENCE EQUATION $X_{(N+1)}=(X_N X_{(N-7)})/$ OVER INTEGRAL DOMAINS SYSTEM INTERACTIONS WITH VIRUS $(X_{(N-6)} (\pm 1 \pm X_N X_{(N-7)}))$			
BURAK OĞUL ADNAN ABBASI SOUMIA TAMOUZA			
EXPRESSIONS AND DYNAMICAL BEHAVIOR OF A STUDY OF GENERALISED DERIVATIONS FRACTIONAL-ORDER PROBLEME COUPLED WITH RATIONAL DIFFERENCE EQUATIONS DERIVATIONS ON PRIME IDEALS IN RINGS WITH A SECOND-ORDER PERTURBED MOREAU INVOLUTION SWEEPING PROCESS			
18:45-19:00			
VAISHALI VARSHNEY			
ON DERIVATIONS IN PRIME RINGS WITH INVOLUTION			
19:00-19:15			
MOHD NAZIM			
SOME PROPERTIES OF WEAKLY ZERO-DIVISOR GRAPH OF COMMUTATIVE RINGS			

29 JUNE 2022 WEDNESDAY				
ONLINE SESION 4				
CHAIR				
MUHAMMET KURULAY				
FIKRET ALIEV				
SOME MATHEMATICAL PROBLEMS AND THEIR SOLUTIONS FOR THE OSCILLATING SYSTEMS WITH LIQUID DAMPERS				
CLEMENTE CESARANO				
A SURVEY ON BI-ORTHOGONAL POLYNOMIALS AND FUNCTIONS				
ROOM A		ROOM B-SPECIAL SESION		ROOM C
CHAIR		CHAIR		CHAIR
ELIF SEGAH OZTAS		INDAH EMILIA WIJAYANTI		IOAN SEBESAN
CALOGERO VETRO		INVITED TALKS RAJAN IYER ALGEBRA GAGE MATRIX PHYSICS VINCENZO DE FILIPPIS COMMUTING PRODUCT OF AUTOMORPHISMS AND B-GENERALIZED SKEW DERIVATIONS ON MULTILINEAR POLYNOMIALS GIOVANNI SCUDDO PRIME RINGS WITH PERIODIC VALUES ON LIE IDEALS		VLAD GHIORGHICA
ON KIRCHHOFF TYPE PROBLEMS WITH CONVECTION				CONTRIBUTIONS REGARDING THE RUBBER SPRING SUSPENSIONS STUDY FOR THE RAILWAY VEHICLES
FRANCESCA VETRO				VLAD GHIORGHICA
ANISOTROPIC PROBLEMS IN VARIABLE EXPONENT SOBOLEV SPACES				CONTRIBUTIONS REGARDING THE QUALITY OF ROLLING AND PASSENGER COMFORT FOR RAILWAY VEHICLES
RODICA LUCA TUDORACHE				IOAN SEBESAN
POSITIVE SOLUTIONS FOR A FRACTIONAL BOUNDARY VALUE PROBLEM WITH SEQUENTIAL DERIVATIVES				RESEARCH REGARDING THE AIR SUSPENSIONS OF THE RAILWAY VEHICLES
MOHAMAD NAZRI BIN HUSIN				IOAN SEBESAN
COMPARISON BETWEEN THE ECCENTRIC CONNECTIVITY INDEX AND FIRST ZAGREB INDEX OF GRAPH				THE ANALYSIS OF THE MAIN FACTORS THAT ARE LIMITING THE MAXIMUM SPEED OF A RAILWAY VEHICLE
BO ZHANG				RAIF İLKTAÇ
STABILITY BY FIXED POINT THEORY FOR NONLINEAR FRACTIONAL DIFFERENTIAL EQUATIONS				REMOVAL OF CRYSTAL VIOLET USING ZIRCONIUM SILICATE AS AN ADSORBENT
ALBERS UZILA		UTRIWENI MUKHAIYA		
GENERALIZED SPACE-TIME AUTOREGRESSIVE AND ONLINE LEARNING IN TIME SERIES MODELING		ANALYSIS OF (G/M/C):(FIFO/C*)-ERLANG B QUEUEING SYSTEM ON BED AVAILABILITY FOR COVID-19 PATIENT		
VLADIMIR VASILYEV				
DISCRETE APPROXIMATIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEM				
NURTEN GÜRSES				
ON VIETORIS' HYBRID NUMBER SEQUENCE				
ONLINE SESION 5				
MAIN ROOM				
CHAIR				
MUHAMMET KURULAY				
VELI SHAKHMUROV				
THE NONLOCAL ABSTRACT SCHRÖDINGER EQUATIONS AND APPLICATIONS				
ROOM A		ROOM B SPECIAL SESION		ROOM C
CHAIR		CHAIR		CHAIR
NAZMIYE YILMAZ		NIKKEN PRIMA PUSPITA		ELIF BAŞKAYA
MEVLÜT DUZCU		FITRIANI FITRIANI		AYŞE TUĞBA GÜROĞLU
A STUDY ON GAUSSIAN PELL QUATERNION POLYNOMIALS		PROJECTIVE_U MODULE AS A GENERALIZATION OF PROJECTIVE MODUL		TOTALLY GOLDIE*-SUPPLEMENTED MODULES
INTAN MUCHTADI-ALAMSYAH		PUGUH WAHYU PRASETY		MURAT CANDAN
AMIT'S CONJECTURE FOR WORDS OVER TWO VARIABLES		THE EXISTENCE OF GRADED *-RING		A NOVEL SEQUENCE SPACE ISOMORPHIC TO THE SPACE
GONCA KIZILASLAN		MOHAMMAD AFAJAL ANSARI		ELIF BAŞKAYA
ON SOME PROPERTIES OF A PASCAL-TYPE MATRIX		NONLINEAR GENERALIZED JORDAN N-DERIVATIONS OF UNITAL ALGEBRAS WITH IDEMPOTENTS		ON ONE BOUNDARY VALUE PROBLEM WITH SYMMETRIC DOUBLE WELL POTENTIAL AND QUADRATIC SPECTRAL PARAMETER IN THE BOUNDARY CONDITION
EFRUZ ÖZLEM MERSİN		WASIM AHMED		ELIF BAŞKAYA
HYPER-LEONARDO POLYNOMIALS		MULTIPLICATIVE B-GENERALIZED DERIVATIONS ON DENSE IDEALS OF PRIME RINGS		ON ONE BOUNDARY VALUE PROBLEM WITH SYMMETRIC POTENTIAL AND A SPECTRAL PARAMETER IN THE BOUNDARY CONDITIONS
EFRUZ ÖZLEM MERSİN		MOHD AZMI		MURAT CANDAN
HYBRINOMIALS RELATED TO HYPER-FIBONACCI AND HYPER-LUCAS NUMBERS		NEW QUANTUM AND LCD CODES FROM CYCLIC CODES OVER A FINITE NON-CHAIN RING		SOME PROPERTIES OF COMPACT OPERATORS ON SOME DIFFERENCE SEQUENCE SPACES
MEHMET ALI KAYGUSUZ		PUSHPENDRA SHARMA		UĞUR AKBULUT
COMPUTATIONALLY EFFICIENT MODEL SELECTION PROCEDURE FOR RANDOM FOREST CAUSAL MODEL		A STUDY OF QUANTUM CODES FROM CYCLIC CODE OVER THE FINITE RING $FP[U,V]/\langle U^2-A^2, V^3-B^2V, UV-VU \rangle$		MODELING OF PRECIPITATION AMOUNT AND FLOW RATE WITH ADVANCED DATA PROCESSING METHODS, THE ROLE OF CLIMATE CHANGE
SEDA OĞUZ ÜNAL		SEMIH ÇAVUŞOĞLU		
CALCULATION ON SOMBOR AND SOMBOR-TYPE INDICES OVER TENSOR AND CARTESIAN PRODUCT OF A MONOGENIC SEMIGROUP GRAPH		FINITE DIFFERENCE METHOD FOR NUMERICAL SOLUTION OF TWO-INTERVAL BOUNDARY VALUE TRANSMISSION PROBLEMS		
14:45-15:00				
BREAK				
ONLINE SESION 6				
ROOM A		ROOM B SPECIAL SESION		ROOM C
CHAIR		CHAIR		CHAIR
MAAMAR STITI		VINCENZO DE FILIPPIS		NAZLI YAZICI GÖZÜTOK
PEMBE İPEK AL		NAIM KHAN		GÜREL BOZMA
FIRST ORDER NORMAL DIFFERENTIAL OPERATORS WITH AN INVOLUTION		QUANTUM CODES FROM CONSTACYCLIC CODES OVER A CLASS OF NON-CHAIN RINGS		LINEAR POSITIVE OPERATORS ON A MOBILE INTERVAL
EKİN DELİKTAŞ ÖZDEMİR		MOHAMMAD JEELANI		RABIA AYAN
EFFECTS OF HETEROGENEOUS AND NONLINEAR LAYER LYING BETWEEN TWO NONLINEAR HALF SPACES ON LOVE-TYPE WAVE PROPAGATION		A SECURE ROUTING APPROACH FOR EFFECTIVE COMMUNICATION IN WIRELESS SENSOR NETWORK		A NOTE ON 2-ABSORBING VAGUE IDEALS OF COMMUTATIVE SEMIRINGS
MO FAHEEM		SEHAR SHAKEEL RAINA		UĞUR GÖZÜTOK
ROOM D				
CHAIR		CHAIR		
CEMİL BÜYÜKADALI		CEMİL BÜYÜKADALI		
BÜNYAMİN BAĞLIK		CEMİL BÜYÜKADALI		
SOLUTION OF FRACTIONAL DIFFERENTIAL EQUATION WITH SHEHU TRANSFORM		STABILITY FOR A LASOTA WAZEWSKA FRACTIONAL MODEL WITH PIECEWISE CONSTANT ARGUMENT		
CEMİL BÜYÜKADALI		CEMİL BÜYÜKADALI		

	AN EFFICIENT WAVELET COLLOCATION METHOD BASED ON HERMITE POLYNOMIAL FOR A CLASS OF 2D QUASI-LINEAR ELLIPTIC EQUATIONS	A CLASS OF SPACES CONTAINING BOTH THE CLASSES OF RELATIVE NORMALITY AND RELATIVE COMPACTNESS	DETECTING AFFINE EQUIVALENCES AND SYMMETRIES OF IMPLICIT PLANE ALGEBRAIC CURVES	STABILITY ANALYSIS OF A CAPUTO FRACTIONAL WATERBORNE INFECTIOUS DISEASE MODEL WITH INFECTIOUS SATURATION EFFECT ON BACTERIAL DISEASE TRANSMISSION
15:45-16:00	MAAMAR STITI		NAZLI YAZICI GÖZÜTOK	HACER DOLAŞ
	THEORETICAL AND SPECTROSCOPIC STUDY OF THE INCLUSION PROCESS OF BENZOAZOLINONE (BOA) IN B-CYCLODEXTRIN		EMBEDDING OF THE SUBORBITAL GRAPHS CORRESPONDING TO THE NORMALIZER	THE ADSORPTION PERFORMANCE AND CHARACTERIZATION OF THE ACTIVATED CARBON PRODUCED FROM PEPPER STALKS
16:00-16:15	NIMET COSKUN		TUĞÇE AYDIN	MENEKSE SAKIR
	A SURVEY OF RECENT DEVELOPMENTS ON SPECTRAL PROPERTIES OF THE NON-SELFADJOINT DIRAC OPERATORS		A GENERALISATION OF 12 SOFT DECISION-MAKING METHODS UTILISED IN PFPS-MATRICES SPACE TO THE IFPFS-MATRICES SPACE AND THEIR APPLICATION IN DECISION MAKING	GOLD NANOFLOWERS GROWN IN-SITU ON CU GRID AS A SERS-ACTIVE SUBSTRATE
16:15-16:30	FADIME GÖKÇE		YUNUS SAÇLI	HAYRIYE BOZBURUN
	A STUDY ON ABSOLUTE SERIES SPACE $ N_{P^{\theta}} $ (M) AND CERTAIN MATRIX TRANSFORMATIONS		ON THE REGULARIZED TRACE FORMULA OF A DISCONTINUOUS ONE-POINT BOUNDARY VALUE PROBLEM WITH RETARDED ARGUMENT	SOLUTION OF NONLINEAR VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS OF SECOND KIND BY SHEHU DECOMPOSITION METHOD
16:15-16:30	FADIME GÖKÇE		EMEL ÜNVER DEMİR	HAYRIYE BOZBURUN
	A NOTE ON ABSOLUTE NORLUND SUMMABILITY FACTORS		A WORK ON RELATIVE HOMOLOGY GROUPS OF MA-SPACES	APPLICATION OF SHEHU DECOMPOSITION METHOD TO SOLVE NONLINEAR SYSTEM VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS
16:30-16:45	FATMA BOZKURT		İLAYDA KAPLAN	MUSTAFA ERTÜRK
	TENSOR PRODUCT OF PHASE RETRIEVABLE FRAMES		A STUDY ON 1-ABSORBING INTUITIONISTIC FUZZY IDEALS OF COMMUTATIVE SEMIRINGS	APPLICATION OF ADOMIAN DECOMPOSITION METHOD AND DIFFERENTIAL TRANSFORMATION METHOD IN SOLVING BAGLEY-TORVIK EQUATION
16:45-17:00	BANU GÜNTÜRK		FIKRIYE YILMAZ	HÜSNÜ ANIL ÇOBAN
	A CHARACTERIZATION OF THE SELF-MODULE HOMOMORPHISMS OF A σ -FINITE BOOLEAN RING \mathfrak{R}		RUNGE-KUTTA METHOD FOR STOCHASTIC OPTIMAL CONTROL PROBLEMS AND WEAK ORDER CONDITIONS	SYMMETRIES AND SIMILARITIES OF RATIONAL PLANE ALGEBRAIC CURVES IN COMPLEX REPRESENTATION

ONLINE GMT +3 ISTANBUL TIME ZONE	29 June 2022 Wednesday		
	ONLINE POSTER SESSION - ROOM E		
13:00-16:00			Poster no
	GENNADIY BURLAK	COMPUTER STUDY OF OPTICAL FIELD LOCALIZATION AND PHASE TRANSITION IN A THREE-DIMENSIONAL PERCOLATION NANOSYSTEM	Online - P1