2. INTERNATIONAL CONGRESS ON MATHEMATICS AND GEOMETRY

May 20, 2021
ANKARA

CONGRESS PROGRAM

zoom

Meeting ID: 867 8680 6361
Passcode: 317051

PARTICIPANT COUNTRIES (12):

Turkey, Azerbaijan, Morocco, Pakistan, Nigeria, Algeria, India, Malaysia, Ethopia, Latvia, Kuwait, Portugal

TOTAL NUMBER OF PAPERS: 46

THE NUMBER OF PAPERS FROM TURKEY: 22

OTHER COUNTRIES: 24

Önemli, Dikkatle Okuyunuz Lütfen

- ❖ Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildiriler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
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- ❖ Tüm kongre katılımcıları canlı bağlanarak tüm oturumları dinleyebilir.
- ❖ Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

Dikkat Edilmesi Gerekenler- TEKNİK BİLGİLER

- ♦ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
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IMPORTANT, PLEASE READ CAREFULLY

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- ❖ The participant must be connected to the session 5 minutes before the presentation time.
- ❖ All congress participants can connect live and listen to all sessions.
- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

Points to Take into Consideration - TECHNICAL INFORMATION

- ♦ Make sure your computer has a microphone and is working.
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exp. Hall-1, Seda BEYAZ

Session-1, Hall-1
20.05.2021
Moderator: Assoc. Prof. Dr. Şuayip YÜZBAŞI
Meeting ID: 867 8680 6361 / **Passcode:** 317051
Ankara Local Time: 10:00 – 12:30 // Morocco Local Time: 11:00 – 13:30
Malaysia Local Time: 15:00 – 17:30 // Nigeria Local Time: 08:00 – 10:30

Title	Author(s)	Affiliation
EXISTENCE OF MOUNTAIN-PASS SOLUTIONS FOR $P(\cdot)$-BIHARMONIC EQUATIONS WITH RELLICH-TYPE TERM	Mohamed LAGHZAL	Department of Mathematics Faculty of Sciences Dhar El Mahraz University Sidi Mohamed Ben Abdellah P.O. Box 1796 Atlas Fez Morocco
	Abdelfattah TOUZANI	Department of Mathematics Faculty of Sciences Dhar El Mahraz University Sidi Mohamed Ben Abdellah P.O. Box 1796 Atlas Fez Morocco
EIGENVALUES FOR THE P(x)-BIHARMONIC DIRICHLET-STEKLOV PROBLEM	Mohamed LAGHZAL	Department of Mathematics Faculty of Sciences Dhar El Mahraz University Sidi Mohamed Ben Abdellah P.O. Box 1796 Atlas Fez Morocco
	Abdelfattah TOUZANI	Department of Mathematics Faculty of Sciences Dhar El Mahraz University Sidi Mohamed Ben Abdellah P.O. Box 1796 Atlas Fez Morocco
BOUNDARY–LAYER FLOW OF CASSON FLUID OVER A FLAT PLATE IN THE PRESENCE OF POROUS DISSIPATION	Muhammad Salman Kausar	Faculty of Informatics and Computing, University Sultan Zainal Abidin (Kampus Gong Badak), Kuala Terengganu, Terengganu 21300, Malaysia
	Abid Hussanan	Department of Mathematics, Division of Science and Technology, University of Education, Lahore, 54000, Pakistan
	Muhammad Qasim	Department of Mathematics, COMSATS University Islamabad (CUI) Park Road, Tarlai Kalan, Islamabad 455000, Pakistan
	Mustafa Mamat	Faculty of Informatics and Computing, University Sultan Zainal Abidin (Kampus Gong Badak), Kuala
NEW BLOCK APPROACH FOR NUMERICAL INTEGRATION OF HIGHER-ORDER ORDINARY DIFFERENTIAL EQUATIONS WITH INITIAL VALUES	Adeyefa, E. O.	Department of Mathematics, Federal University, Oye-Ekiti, Ekiti State, Nigeria
	Olanegan, O. O.	Department of Mathematics, Federal University, Oye-Ekiti, Ekiti State, Nigeria
INVERSE PROBLEM FOR A FRACTIONAL STURM-LIOUVILLE OPERATOR WITH THE SYMMETRIC POTENTIAL	Dr. İbrahim ADALAR	Sivas Cumhuriyet Üniversitesi, Zara Veysel Dursun Uygulamalı Bilimler Yüksekokulu
COPURE-INDIGENT MODULES	Yusuf Alagöz	Siirt University, Department of Mathematics, Siirt
APPROXIMATE SOLUTIONS OF SINGULAR PERTURBATED DELAY DIFFERENTIAL EQUATIONS WITH THE HELP OF THE LEGENDRE COLLOCATION METHOD	Assoc. Prof. Dr. Şuayip YÜZBAŞI	Akdeniz University
	Gamze YILDIRIM	Akdeniz University
AN OPERATIONAL MATRIX METHOD FOR THE APPROXIMATE SOLUTIONS OF THE VISCOUSLY	Assoc. Prof. Dr. Şuayip YÜZBAŞI	Akdeniz University

DAMPED SINGLE DEGREE OF FREEDOM SYSTEM SUBJECTED TO HARMONIC EXCITATION	Gamze YILDIRIM	Akdeniz University
APPROXIMATE SOLUTIONS OF THE LANE-EMDEN TYPE DIFFERENTIAL-DIFFERENCE EQUATIONS BY USING FERMAT POLYNOMIALS	Assoc. Prof. Dr. Şuayip YÜZBAŞI	Akdeniz University
	Gamze YILDIRIM	Akdeniz University

All participants must join the conference 10 minutes before the session time.
Every presentation should last not longer than 10-12 minutes.
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Session-1 Hall-2
20.05.2021
Moderator: Prof. Dr. Felix Sadyrbaev
Meeting ID: 867 8680 6361 / Passcode: 317051
Ankara Local Time: 10:00 – 12:30 // Algeria Local Time: 08:00 – 11:30
Latvia Local Time: 10:00 – 12:30 // India Local Time: 12:30 – 15:00

Title	Author(s)	Affiliation
EXISTENCE ANS STABILITY OF SOLUTIONS FOR NONLINEAR STOCHASTIC FRACTIONAL BOUNDARY VALUE PROBLEM	Noureddine BOUTERAA	Laboratory of Fundamental and Applied Mathematics of Oran (LMFAO), University of Oran1, Ahmed Benbella. Algeria
NONLINEAR FRACTIONAL BOUNDARY VALUE PROBLEM AND IT'S STUDY OF SOLUTIONS	Noureddine BOUTERAA	Laboratory of Fundamental and Applied Mathematics of Oran (LMFAO), University of Oran1, Ahmed Benbella. Algeria
ON THE STUDY OF STABILITY FOR GENERALIZED SCHRÖDINGER EQUATION	Noureddine BOUTERAA	Laboratory of Fundamental and Applied Mathematics of Oran (LMFAO), University of Oran1, Ahmed Benbella. Algeria
APPROXIMATE SOLUTIONS OF THE NONLINEAR LANE-EMDEN DIFFERENTIAL EQUATIONS USING AN OPERATIONAL MATRIX METHOD	Gamze YILDIRIM	Akdeniz University
	Assoc. Prof. Dr. Şuayip YÜZBAŞI	Akdeniz University
THE APPROXIMATE SOLUTIONS OF THE FREEDOM VIBRATION EQUATIONS OF THE MASS-SPRING SYSTEM WITH TWO FREEDOM DEGREE: PELL-LUCAS MATRIX METHOD	Gamze YILDIRIM	Akdeniz University
	Assoc. Prof. Dr. Şuayip YÜZBAŞI	Akdeniz University
FORCED VIBRATIONS CAUSED BY EARTHQUAKES	Anton Bogachov	Daugavpils University, Latvia
	Prof. Dr. Felix Sadyrbaev	Institute of Mathematics and Computer Science, University of Latvia
MATHEMATICAL MODELLING OF EVOLUTION OF MULTIDIMENSIONAL NETWORKS	Prof. Dr. Felix Sadyrbaev	Institute of Mathematics and Computer Science, University of Latvia
	Inna Samuilik	Riga Technical university, Latvia
GRAPH THEORY IN SECURED SHARING OF ADDRESS	M. YAMUNA	VIT, Vellore, Tamilnadu, India
	KRISHNAMOORTHY VENKATESAN	Arbaminch University, Ethopia
DIRECTED GRAPHS IN SINGLE NUCLEOTIDE MUTATION IDENTIFICATION	M. YAMUNA	VIT, Vellore, Tamilnadu, India
ON LAPLACE TRANSFORMATION BASED CRYPTOGRAPHIC TECHNIQUE	Agbolade, Oluwaferanmi	Department of Mathematics, Federal University Oye-Ekiti, Ekiti State, Nigeria
	Adeyefa, Emmanuel	Department of Mathematics, Federal University Oye-Ekiti, Ekiti State, Nigeria

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2. INTERNATIONAL CONGRESS ON MATHEMATICS AND GEOMETRY
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CONGRESS PROGRAM

Session-1 Hall-3
20.05.2021
Moderator: Prof. Muhammad SARFRAZ
Meeting ID: 867 8680 6361 / Passcode: 317051
Ankara Local Time: 10:00 – 12:30 // Kuwait Local Time: 08:00 – 11:30
Algeria Local Time: 08:00 – 10:30

Title	Author(s)	Affiliation
GEOMETRY OF MUS-GRADIENT METRIC AND PROPER BIHARMONIC MAPS	Dr N.E.H. Djaa	Relizane University
	Dr A. Latti	LGACA Laboratoty Saida University
	Dr A. Zagane	Relizane University
NOVEL OF SOFT SET AND SOFT TOPOLOGIES IN SOFT IDEAL SPACESE	Sameer Annon Abbas	Department of Geometry, Institute of Mathematics, University of Debrecen
SOME RESULTS ON K-QUASICONFORMAL HARMONIC MAPPINGS	Dr. Oya MERT	Tekirdağ Namık Kemal University, Department of Mathematics
ON THE DYNAMICS OF THE PREVALENCE OF SOME INFECTIOUS DISEASES IN NIGERIA USING LOGARITHM VECTOR AUTOREGRESSIVE MODEL	Adenomon, M. O.	Department of Statistics, Nasarawa State University, Keffi, Nigeria & NSUK-LISA Stat Lab, Nasarawa State University, Keffi, Nigeria Chair, International Association of Statistical Computing (IASC) African Members Group Foundation of Laboratory for Econometrics and Applied Statistics of Nigeria (FOUND-LEAS-IN-NIGERIA)
	Fagbemi, E. T.	Department of Statistics, Nasarawa State University, Keffi, Nigeria & NSUK-LISA Stat Lab, Nasarawa State University, Keffi, Nigeria
APPLICATION OF OKUN'S LAW ON NIGERIAN ECONOMY: EVIDENCE FROM SPATIAL ECONOMETRICS ANALYSIS	Okoro-Ugochukwu, N. A.	Department of Statistics, Nasarawa State University, Keffi, Nigeria & NSUK-LISA Stat Lab, Nasarawa State University, Keffi, Nigeria
	Adenomon, M. O.	Department of Statistics, Nasarawa State University, Keffi, Nigeria & NSUK-LISA Stat Lab, Nasarawa State University, Keffi, Nigeria Chair, International Association of Statistical Computing (IASC) African Members Group Foundation of Laboratory for Econometrics and Applied Statistics of Nigeria (FOUND-LEAS-IN-NIGERIA)
CANAL SURFACES VIA QUATERNIONS IN R_1^3	Dr. Erdem KOCAKUŞAKLI	Ankara University, Institute of Science, Department of Mathematics
	Res. Assist. O. Oğulcan TUNCER	Hacettepe University, Faculty of Science, Department of Mathematics,
	Prof. Dr. İsmail GÖK	Ankara University, Faculty of Science, Department of Mathematics,
	Prof. Dr. Yusuf YAYLI	Ankara University, Faculty of Science, Department of Mathematics

GEOMETRIC METHODS IN CREATIVE ENGINEERING	Prof. Dr. Nazım Aghayev	FSMV Üniversitesi, Elektrik-Elektronik Mühendisliği
ON GRAPHS OBTAINED FROM SOME LINEAR SPACES	Assist. Prof. Dr. Fatma ÖZEN ERDOĞAN	Bursa Uludağ University
GEOMETRIC MODELING USING SPLINES AND GEOMETRIC CONTINUITY FOR SHAPE DESIGN	Prof. Muhammad SARFRAZ	Kuwait University,Kuwait

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2. INTERNATIONAL CONGRESS ON MATHEMATICS AND GEOMETRY
May 20, 2021, ANKARA
CONGRESS PROGRAM

Session-1 Hall-4
20.05.2021
Moderator: Assoc. Prof. Dr. Malahat Abdullayeva
Meeting ID: 867 8680 6361 / Passcode: 317051
Ankara Local Time: 10:00 – 12:30 // Azerbaijan Local Time: 11:00 – 13:30

Title	Author(s)	Affiliation
THE USE AND IMPORTANCE OF GROUP WORK IN MATHEMATICS TEACHING PROCESS	Assoc. Prof. Dr. Malahat Abdullayeva	Azerbaijan State Pedagogical University, Faculty of Mathematics
TƏHSİLDƏ İNFORMASİYA TEXNOLOGİYALARINDAN İSTİFADƏNİN ÜSTÜN VƏ MƏNFİ CƏHƏTLƏRİ	Prof. Dr. Əbülfət Qulam oğlu Pələngov	Azerbaijan State Pedagogical University, Faculty of Mathematics
A GENERALIZATION OF SZÁSZ-DURRMEYER OPERATORS	Mehmet AYHAN	Harran University
	Aydın İZGİ	Harran University
	Harun ÇİÇEK	Harran University
A GRONWALL TYPE INEQUALITY FOR PIECEWISE CONTINOUS FUNCTIONS	Assoc. Prof. Dr. Duygu ARUĞASLAN ÇİNÇİN	Süleyman Demirel University
	Merve CEYLAN	Süleyman Demirel University
APPROXIMATION OF MODIFIED BERSNTEIN-STANCU OPERATORS OF MAXIMUM-PRODUCT TYPE	Hasan YAVUZ	Harran University
	Prof. Dr. Sevilay KIRCI SERENBAY	Harran University
MODIFIED FAVARD-SZASZ-MIRAKYAN OPERATORS	Saliha TAŞKESEN	Harran University
	Prof. Dr. Sevilay KIRCI SERENBAY	Harran University
SOME RESULTS ABOUT A CLASS OF TELESCOPIC NUMERICAL SEMIGROUPS WITH MULTIPLICITY 6	Assist. Prof. Dr. Ahmet Çelik	Adıyaman University, Technical Sciences Vocational School, Departmant of Technologies Computer, Adıyaman,TURKEY
	Prof. Dr. Sedat İlhan	Dicle University, Faculty of Science, Department of Mathematics, Diyarbakır, TURKEY
SOME RESULTS ABOUT A CLASS OF SYMMETRIC NUMERICAL SEMIGROUPS WITH MULTIPLICITY 7	Assist. Prof. Dr. Ahmet Çelik	Adıyaman University, Technical Sciences Vocational School, Departmant of Technologies Computer, Adıyaman,TURKEY
DYNAMICAL ANALYSIS OF DISCRETE TIME CAPUTO-FABRIZIO FRACTIONAL ORDER LOGISTIC MODEL WITH ALLEE EFFECT	Hatice KARAKAYA	Erciyes University
	Assoc. Prof. Dr. Şenol KARTAL	Nevşehir Hacı Bektaş Veli University
THE PEŁCZYŃSKI DECOMPOSITION METHOD FOR FINITELY ACCESSIBLE ADDITIVE CATEGORIES	Assoc. Prof. Dr. Mustafa Kemal Berktaş	Uşak University
	Assist. Prof. Dr. Mustafa Seyyit Seyyidoğlu	Uşak University

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Session-1 Hall-5
20.05.2021
Moderator: Assist. Prof. Dr. Mustafa MIZRAK
Meeting ID: 867 8680 6361 / **Passcode:** 317051
Ankara Local Time: 10:00 – 12:30 // Kuwait Local Time: 08:00 – 11:30
Algeria Local Time: 08:00 – 10:30

Title	Author(s)	Affiliation
STRUCTURED FAMILIES WHOSE SERIES OF STUDIES CORRESPOND TO THE TREATMENTS OF A BASE DESIGN WITH FIXED EFFECTS	Cristina Dias (PhD)	Polytechnic Institute of Portalegre, Campus Politécnico, 10, and Center of Mathematics and Applications (CMA), New University of Lisbon, Portugal
	Carla Santos (PhD)	Polytechnic Institute of Beja and Center of Mathematics and Applications (CMA), New University of Lisbon, Portugal
RESTRICTED CLASSES OF MODELS WITH ORTHOGONAL BLOCK STRUCTURE	Carla Maria Lopes da Silva Afonso dos Santos (PhD)	Polytechnic Institute of Beja, Portugal CMA- Center for Mathematics and Applications, FCT, New University of Lisbon, Portugal
	Cristina Paula da Silva Dias (PhD)	Polytechnic Institute of Portalegre, Portugal CMA- Center for Mathematics and Applications, FCT, New University of Lisbon, Portugal
	Célia Maria Pinto Nunes (PhD)	Department of Mathematics and Center for Mathematics and Applications of University of Beira Interior, Portugal
	João Tiago Praça Nunes Mexia (PhD)	Department of Mathematics and CMA- Center for Mathematics and Applications, FCT New University of Lisbon, Portugal
HEAT AND MASS TRANSFER FLOW OF CASSON FLUID OVER A STRETCHING SHEET WITH INCLINED MAGNETIC FIELD	Abid Hussanan	Department of Mathematics, Division of Science and Technology, University of Education, Lahore, 54000, Pakistan
PARTICULAR SOLUTION FOR THE PRODUCTION OF ETHANOL FROM PRETREATED BANANA TRUNK BIOMASS	P. O. Evans.	Department of Mathematics, Federal Polytechnic Bida, PMB 55, Bida Niger state, Nigeria
	M. Jiya.	Department of Mathematics, Federal University of Technology Minna, PMB 65, Minna, Niger State
	N. Nyor.	Department of Mathematics, Federal University of Technology Minna, PMB 65, Minna, Niger State
	J. Yisa.	Department of Chemistry, Federal University of Technology Minna, PMB 65, Minna, Niger State.
SOME AGGREGATION OPERATORS BASED ON T-NORM AND T-CONORM FOR NEUTROSOPHIC SOFT SETS	Dr. Hüseyin KAMACI	Yozgat Bozok University
NEW HYBRID METHOD FOR DIRECT NUMERICAL SOLUTION OF NONLINEAR SECOND, THIRD AND	Olusola Ezekiel ABOLARIN	Department of Mathematics, Faculty of Sciences, Federal University Oye-Ekiti, Ekiti-State, Nigeria

FOURTH ORDER ORDINARY DIFFERENTIAL EQUATIONS	Bamikole Gbenga OGUNWARE	Department of Mathematics and Statistics, College of Agriculture and Natural Sciences, Joseph Ayo Babalola University, Ikeji Arakeji, Osun State, Nigeria
CHIRPED SOLITARY-PULSE SOLUTIONS OF THE NEW SCALED MODIFIED NONLINEAR SCHRÖDINGER EQUATION	Asst. Prof. Mustafa MIZRAK	Department of Computer Engineering, Faculty of Engineering, Şırnak University
SOME BOUNDS FOR THE DETOUR ENERGY	Dr. Seda Kınacı	Tarsus University
	Assist. Prof. Dr. Gülistan Kaya Gök	Hakkari University

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