

| 03.07.2017 Monday | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|--------|-------------------|---|--------------|--|---------------------|--|--------------------|--|---------------------|--|---------------------|---|---------------------|--|-----------------------------|--|
| 09:00-12:00 | Registration | | | | | | | | | | | | | | | | | | |
| 12:00 - 13:00 | Chair: Samet Kadiođlu | | | | | | | | | | | | | | | | | | |
| | OPENING CEREMONY | | | | | | | | | | | | | | | | | | |
| | Opening Lecture | | | | | | | | | | | | | | | | | | |
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| 13:00-14:00 | Lunch Break | | | | | | | | | | | | | | | | | | |
| 03.07.2017 Monday HALL A | | | | | | | | | | | | | | | | | | | |
| 14:00-16:00 | Chair: Samet Kadiođlu | | | | | | | | | | | | | | | | | | |
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| 16:00-16:30 | Coffee Break | | | | | | | | | | | | | | | | | | |
| 03.07.2017 Monday HALL A | | | | | | | | | | | | | | | | | | | |
| 16:30-18:00 | Chair: Samet Kadiođlu | | | | | | | | | | | | | | | | | | |
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| 03.07.2017 Monday HALL B | | | | | | | | | | | | | | | | | | | |
| 14:00-16:00 | Chair: Hülya Kadioğlu | | | | | | | | | | | | | | | | | | |
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| 03.07.2017 Monday HALL B | | | | | | | | | | | | | | | | | | | |
| 16:30-18:00 | Chair: Ercan Celik | | | | | | | | | | | | | | | | | | |
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| 13:00-14:00 | Lunch Break | |
| 03.07.2017 Monday HALL C | | |
| 14:00-16:00 | Chair: Nuran Guzel | |
| | Authors | Titles |
| | Ayşe Sandıkci | T-Weyl Quantization of Lorentz Spaces |
| | Ayşe Sandıkci | On Regularity Results for Anti-Wick Operators |
| | Muhammet Yazici | Decay property for the Klein-Gordon equation in anti-de sitter spacetime |
| | Muhammet Yazici | A Remark on the decay property for the Klein-Gordon equation with variable coefficient |
| | Ömer Polat | Modelling of the twist angle deformation of the twisted liquid crystal display |
| | Benalia Kouini | Water uptake of polymer/clay nanocomposites: Model development |
| | Bağdagül Kartal | On matrix transformations of infinite series |
| | Baris Kiris | A new correlation model for predicting the higher heating value of biomass |
| 16:00-16:30 | Coffee Break | |
| 03.07.2017 Monday HALL C | | |
| 16:30-18:00 | Chair: Tamer Uđur | |
| | Authors | Titles |
| | Begüm Çıđşar | Comparison of Data Mining Classification Algorithms to Determine the Default Risk |
| | Tamer Uđur | A work on dimetrics in texture spaces |
| | Hamdi Mustafa Cihan | A work on dimetrics in texture spaces |
| | Tamer Uđur | Graph Concept on Texture Space |
| | Hakan Őimşek | Fixed Point Results On Quasi Metric Spaces |
| | Gülay Ođuz | Actions of Soft Groups |

| 03.07.2017 Monday | | | | | | | | | | | | | | | | | | | |
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| 03.07.2017 Monday HALL D | | | | | | | | | | | | | | | | | | | |
| 14:00-16:00 | Chair: Sertan Alkan | | | | | | | | | | | | | | | | | | |
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| 04.07.2017 Tuesday | | HALL A | |
|--------------------|-----------------------------------|--|--|
| | Chair: Faruk Uçar | | |
| | Authors | Titles | |
| 09:30-10:00 | Mahmoud Abdel-Aty | Electric Control of Fourier Algorithm in Quantum Nanowire | |
| 10:00-10.30 | Necdet Bildik | New perturbation iteration techniques for solving Klein-Gordon Equations | |
| 10:30-11.00 | Coffee Break | | |
| 04.07.2017 Tuesday | | HALL A | |
| | Chair: Ramazan Tekerciöglü | | |
| | Authors | Titles | |
| 11:00-13:00 | Nimet Özbay Türker | Implementation of the feasible generalized restricted ridge estimator to some stein-rule estimators | |
| | Nimet Özbay Türker | Assessment of Two Parameter Estimator at the Second Stage via a Monte Carlo Experiment | |
| | Deniz Türkpençe | Extension of single qubit coherence time by coupling mechanisms simulated by Lindblad Master equations | |
| | Agus Suryanto | Dynamics of a fractional order predator-prey model | |
| | Ahlam Abdussalam | A three-stage difference method for solving the Dirichlet problem for Laplace's equation on a rectangular parallelepiped | |
| | Fatih Yetgin | On New General Inequalities for Differentiable Convex Function via Fractional Integrals | |
| | Fatma Ertuğral | On refinements of Hermite-Hadamard-Fejér type inequalities for fractional integral operators | |
| | Fatma Kanca | Inverse problem for Euler-Bernoulli equation with periodic boundary condition | |
| 13:00-14:30 | Lunch Break | | |
| 04.07.2017 Tuesday | | HALL A | |
| | Chair: Mahmoud Abdel-Aty | | |
| | Authors | Titles | |
| 14:30-16:30 | Adnan Karataş | Matrix Representation of Horadam Octonions | |
| | Ali Allahverdi | Applications of No-wait Flowshop scheduling Problems with Uncertain Setup Times | |
| | Muberra Allahverdi | Minimizing Inventory Cost in Manufacturing Environments with No-Wait Constraint | |
| | Bahadır Güler | Boundedly solvable singular pantograph type delay differential operators for first order | |
| | Aysel Özfidan | Bound-state solutions of Klein-Gordon equation with the non-central Manning-Rosen potential including centrifugal term in N-dimensions | |
| | Mohamed Syam | The modified fractional power series for solving a class of fractional Sturm-Liouville eigenvalue problems | |
| | Fatma Toyoğlu | On an Optimal Boundary Control Problem for a Parabolic System | |
| | Djeffal El Amir | Interior-point algorithm for HLCPs based on a new trigonometric kernel function | |
| 16:30-17:00 | Coffee Break | | |
| 04.07.2017 Tuesday | | HALL A | |
| | Chair: Hakan Adıguzel | | |
| | Authors | Titles | |
| 17:00-18:00 | Furkan Yıldırım | On cross-section in a special class of semi-tensor bundle of type(2.0) | |
| | Furkan Yıldırım | A note on special class of semi-tensor bundle | |
| | Gamze Guven | An Application of Robust Principal Component Regression Method | |
| | Gamze Guven | A New Test for Homogeneity of Inverse Gaussian Scale Parameters | |

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| | Chair: Arzu Turan | | |
| | Authors | | Titles |
| 11:00-13:00 | Emrah Yıldırım | Some Monotonicity Properties on \mathbb{K} -Analogue of Gamma function | |
| | Anwar Jawad | Soliton Solution of the Coupled Nonlinear Klein-Gordon Equations with Cubic and Power Law Nonlinearity | |
| | Güner Öztürk | A Study on a Family of Two-Variable Orthogonal Polynomials | |
| | Abdelali Boukaoud | Raman and Infrared Spectroscopy, DFT Calculations, and Vibrational Assignment of theophylline monohydrate | |
| | Serdal Pamuk | A Mathematical Analysis of a 2D – Model for Tumor Angiogenesis: An Initial Data Perturbation Approximation | |
| | Gizem Temelcan | A New Incremental Technique for Solving Nonlinear Programming Problems | |
| | Gül Karadeniz Gözeri | Some Remarks on Pell and Associated Pell Numbers | |
| | Mustapha Fateh Yarou | Evolution problems governed by time-dependent maximal monotone operators | |
| 13:00-14:30 | Lunch Break | | |
| 04.07.2017 Tuesday | | HALL B | |
| | Chair: Necdet Bildik | | |
| | Authors | Titles | |
| 14:30-16:30 | Duygu Dönmez Demir | The Equation of Motion of Axially Composite Beams | |
| | Muharrem Gencoglu | Cryptanalysis use of sumudu transform in cryptography | |
| | Hami Gündoğdu | Application of the decomposition methods | |
| | Hande Fendoğlu | Boundary integral solutions to the transient convection-diffusion type equations | |
| | Othman Echi | On primitive Words of the form pq^m | |
| | Hatice Bulut | A Mathematical Model for Asset Pricing | |
| | Katia Bachi | Propagation of Epistemic Uncertainty in Markov Reliability Model Using Taylor Series | |
| | Syaiful Anam | Modified Speed Function on the Variational Level Set Method for Detecting a Weak Boundary on the Fundus Images | |
| 16:30-17:00 | Coffee Break | | |
| 04.07.2017 Tuesday | | HALL B | |
| | Chair: Sertan Alkan | | |
| | Authors | Titles | |
| 17:00-18:00 | Cemaliye Kürt | Caputo -Type Fractional Wave Equation Involving an Integral Operation with Mittag-Leffler Function in the Kernel | |
| | Hale Karayer | Solution of Schrödinger equation for inverse square root potential using extended Nikiforov-Uvarov method and polynomial solutions of biconfluent Heun equation | |
| | Hale Karayer | Solution of confluent Heun equation by extended nikiforov-uvarov method | |
| | Hatice Ögülmüş | Some generalized Chebyshev type inequalities utilizing generalized fractional integral operators with exponential kernel | |

| 04.07.2017 Tuesday | | HALL A | |
|--------------------|--------------------------------|--|--|
| | Chair: Faruk Uçar | | |
| | Authors | Titles | |
| 09:30-10:00 | Mahmoud Abdel-Aty | Electric Control of Fourier Algorithm in Quantum Nanowire | |
| 10:00-10:30 | Necdet Bildik | New perturbation iteration techniques for solving Klein-Gordon Equations | |
| 10:30-11:00 | Coffee Break | | |
| 04.07.2017 Tuesday | | HALL C | |
| | Chair: Sebahat Ebru Das | | |
| | Authors | Titles | |
| 11:00-13:00 | Hatice Aslan | On the mean summability of series by nonlinear fourier basis and Bernstein Inequality | |
| | Hatice Aslan | Equivalence of generalized crossed module category and generalized group-groupoids | |
| | Lamia Lakaour | An unreliable single server retrial queue with collisions and transmission errors | |
| | Karima Bouibed | Efficiency conditions for multiobjective bilevel fractional programming problem | |
| | Hüseyin Işık | On Some Generalizations of Nadler's Fixed Point Theorem | |
| | Ilknur Yesilce | Some New Inequalities using Hadamard Fractional Integral for \mathbb{B} -convex Functions | |
| | Isnani Darti | Dynamical Properties of a Modified Leslie-Gower Eco-epidemiological Model | |
| | İnci Ege | Some Inequalities Involving the q, k and p, q -Generalized Gamma Functions | |
| 13:00-14:30 | Lunch Break | | |
| 04.07.2017 Tuesday | | HALL C | |
| | Chair: İbrahim Emiroglu | | |
| | Authors | Titles | |
| 14:30-16:30 | Fatma Zohra Dekhandji | Harmonic reduction and elimination in three phase PWM inverter systems using the spiral optimization technique | |
| | İpek Gürsel Tapkı | A game theoretic approach for the allocation of scholarships among students | |
| | İzzettin Demir | Remarks on Fixed Soft Point Theorems | |
| | Kamal Lachhab | Iterative methods for solving matrix pairs eigenproblem | |
| | Lale Cona | Fixed Point Approach to Bagley-Torvik Problem | |
| | Mehmet Eker | The Effect of the Poisson Ratio on Stresses of Heterogeneous Pressure Vessels | |
| | Ali Farouk Kassa | Modeling and performance evaluation of a mobile cellular network with preemptive priority and orbital search. | |
| | Melike Kaplan | Multiple-soliton and exact solutions for a nonlinear evolution equation | |
| 16:30-17:00 | Coffee Break | | |
| 04.07.2017 Tuesday | | HALL C | |
| | Chair: İbrahim Emiroglu | | |
| | Authors | Titles | |
| 17:00-18:00 | Melike Kaplan | Applications of two reliable methods for solving a nonlinear conformable time-fractional equation | |
| | Baris Kiris | Modelling of Biomass Gasification Reactions by ASPEN PLUS | |
| | Bilge Başer | Epistemic Game Theory Algorithms: Finding Types That Express Common Belief in Rationality for Optimal Choices | |
| | Mehmet Ertem | A Two-stage Stochastic Programming Approach for Stochastic Single Machine Scheduling Problem | |

| 04.07.2017 Tuesday | | HALL A | |
|--------------------|--------------------------------|--|--|
| | Chair: Faruk Uçar | | |
| | Authors | Titles | |
| 09:30-10:00 | Mahmoud Abdel-Aty | Electric Control of Fourier Algorithm in Quantum Nanowire | |
| 10:00-10.30 | Necdet Bildik | New perturbation iteration techniques for solving Klein-Gordon Equations | |
| 10:30-11.00 | Coffee Break | | |
| 04.07.2017 Tuesday | | HALL D | |
| | Chair: Necdet Bildik | | |
| | Authors | Titles | |
| 11:00-13:00 | Doria Affane | Second order sweeping process with unbounded perturbation | |
| | Abderafik Benrabah | Quasi-boundary value method for an ill-posed problem for the biharmonic equation | |
| | Yunus Demir | Proposal of a Mathematical Model for Dual Resource Flexible Job Shop Scheduling Problem | |
| | Sobri Abusini | Production Scheduling Using Flow Shop Modified Ant Colony Algorithm (Case Study: Indo Bali Company, Indonesia) | |
| | Abimanyu Purusothaman | Numerical Investigation of natural convection heat transfer from a 3×3 array of discrete heaters in nano fluid filled porous enclosure | |
| | Radhakrishnan Bheeman | Controllability synthesis of second order sobolev type neutral impulsive integro differential systems in banach spaces | |
| | Burak Kurt | On the modified degenerate Apostol-Type polynomials related to multiplier sums | |
| | Sarasvati Yadav | Certain models of the p, q-Algebra $Up,q(su_2)$ | |
| 13:00-14:30 | Lunch Break | | |
| 04.07.2017 Tuesday | | HALL D | |
| | Chair: Agus Suryanto | | |
| | Authors | Titles | |
| 14:30-16:30 | Huseyin Kocayigit | Morgan – Voyce Polynomial Approach to Determine Spherical Curves in Euclidean 3-Space | |
| | Anas Altawallbeh | Thermal non-equilibrium double-diffusive convection in a couple stress fluid saturated porous layer with internal heat source | |
| | Necdet Bildik | A New Semi-Analytical Method for Solving Nonlinear Differential Equations | |
| | Merve İlkhan | On boundedness and continuity of linear operators between asymmetric cone normed spaces | |
| | Merve Kara | On a solvable system of difference equations of higher order with period two coefficients | |
| | Merve Özkan | Fixed Point Theorems For a Class of Generalized Almost Multivalued α -F-Contractions in Modular Metric Spaces | |
| | Samet Yücel Kadioğlu | A Point-Wise Implicit Method for Slowly Evolving Reactor Thermal-Hydraulics Applications | |
| | 16:30-17:00 | Coffee Break | |
| 04.07.2017 Tuesday | | HALL D | |
| | Chair: Sebahat Ebru Das | | |
| | Authors | Titles | |
| 17:00-18:00 | Huseyin Kocayigit | Lucas Polynomial Approach to Determine Lorentzian Spherical Timelike Curves in Minkowski 3-Space | |
| | Mohamed El Guide | Global Golub{Kahan bidiagonalization applied to large discrete ill-posed problems | |
| | Muammer Ayata | A Comparison of Caputo and Conformable Deratives On the Solutions of Fractional Kawahara Differential Equation | |
| | Muhammad Imran | On general sum-connectivity index and general Randic index of graph operations | |

| 05.07.2017 Wednesday | | HALL A | |
|----------------------|--|--|--|
| | Chair: Necdet Bildik | | |
| | Authors | Titles | |
| 09:30-10:00 | A.A.Shkalikov PT-Symmetric Sturm-Liouville Operators. Solvable Models and Applications. | | |
| 10:00-10.30 | Ali Okatan Fuzzy Logic and Some Applications | | |
| 10:30-11.00 | Coffee Break | | |
| 05.07.2017 Wednesday | | HALL A | |
| | Chair: Mehmet Özkan | | |
| | Authors | Titles | |
| 11:00-13:00 | G. Canan Hazar Güleç | Hausdorff measure of noncompactness of matrix mappings on Cesàro spaces | |
| | Burcin Kulahcioglu | A Discrete-time Holling Type II Model with Allee and Refuge Effects | |
| | Oya Mert | On the elliptic function established by generalized theta functions | |
| | Jai Prakash Tripathi | A model of social behavior: Criminal versus non-criminal | |
| | Dalah Mohamed | Analysis and study the weak solution of electro-viscoelastic contact problem by using the Banach fixed-point Theorem | |
| | Mukhtar Ahmad Khanday | Mathematical modeling and its applications in human physiology | |
| | Gizem Mavituna | Exact solutions of some non-linear partial differential equations | |
| 13:00-14:30 | Lunch Break | | |
| 05.07.2017 Wednesday | | HALL A | |
| | Chair: Mustafa Sivri | | |
| | Authors | Titles | |
| 14:30-16:30 | Ayşegül Bozdoğan | Modelling of Reverse Logistics Network with Agent Based Systems | |
| | Mine Akbas | On the long time stability of multiphysics flow problems | |
| | Mine Akbas | On the mass conservation of the NSE over long time intervals | |
| | Musa Cakir | Uniform Convergence of A Finite Difference Method for A Singularly Perturbed Semilinear Boundary Value Problem with Integral Boundary Conditions | |
| | Müjdet Güngör | On the Difference Equation $x_n = \frac{x_{n-4}x_{n-5}x_{n-6}}{(1+x_{n-2})\left(a+bx_{n-3}x_{n-4}x_{n-5}x_{n-6}\right)}$ | |
| | Necmettin Sezgin | Comparison of wavelet transform and fourier transform in the biomedical signal analysis | |
| 16:30-17:00 | Coffee Break | | |
| 05.07.2017 Wednesday | | HALL A | |
| | Chair: Mustafa Sivri | | |
| | Authors | Titles | |
| 17:00-18:00 | Nejla Özmen | Some families of generating functions for the generalized Bessel polynomials | |
| | Nezha Mamouni | Extraction of fetal ECG from maternal signals | |
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| 05.07.2017 Wednesday | | HALL A | |
|----------------------|------------------------------------|--|--|
| | Chair: Necdet Bildik | | |
| | Authors | Titles | |
| 09:30-10:00 | A.A.Shkalikov | PT-Symmetric Sturm-Liouville Operators. Solvable Models and Applications. | |
| 10:00-10:30 | Ali Okatan | Fuzzy Logic and Some Applications | |
| 10:30-11:00 | Coffee Break | | |
| 05.07.2017 Wednesday | | HALL B | |
| | Chair: Ayten Özkan | | |
| | Authors | Titles | |
| 11:00-13:00 | Messaoud Bourezane | An efficient formulation for linear membrane elements | |
| | Nigar Yildirim Aksoy | The variational formulation of an inverse problem | |
| | Nihan Turan | On quasi statistical convergence in cone metric spaces | |
| | Osman Avcioğlu | Fibrations of R-Algebroids, Modules and Crossed Modules of R-Algebroids | |
| | Osman Avcioğlu | Homotopies Between R-Algebroid Crossed Module Morphisms | |
| | Ali Okatan | Autonomous Fire-Fighting Robot | |
| | Ferit Gürbüz | Sublinear operators with rough kernel generated by fractional integrals and commutators on generalized vanishing local Morrey spaces | |
| 13:00-14:30 | Lunch Break | | |
| 05.07.2017 Wednesday | | HALL B | |
| | Chair: Nigar Yildirim Aksoy | | |
| | Authors | Titles | |
| 14:30-16:30 | Mustafa Özdemir | On the Generalised Hyperbolic Rotation Matrices | |
| | Muhammad Gulistan | An application of neutrosophic cubic sets in decision making using TODIM | |
| | Debbar Rabah | Bounded linear operators on exotic Banach spaces | |
| | Pınar Zengin Alp | A new version of stolz mappings | |
| | Fouzia Ghellab | Algorithm for solving an optimal control quadratic problem with a free initial condition | |
| | | | |
| | | | |
| 16:30-17:00 | Coffee Break | | |
| 05.07.2017 Wednesday | | HALL B | |
| | Chair: Nigar Yildirim Aksoy | | |
| | Authors | Titles | |
| 17:00-18:00 | Ramazan Akgün | Convolution inequalities and musielak orlicz spaces | |
| | Pınar Zengin Alp | On operator ideals via generalized approximation numbers | |
| | Ramazan Akgün | Weighted orlicz spaces and trigonometric approximation of functions | |

| 05.07.2017 Wednesday | | HALL A | |
|----------------------|-----------------------------|---|--|
| | Chair: Necdet Bildik | | |
| | Authors | Titles | |
| 09:30-10:00 | A.A.Shkalikov | PT-Symmetric Sturm-Liouville Operators. Solvable Models and Applications. | |
| 10:00-10.30 | Ali Okatan | Fuzzy Logic and Some Applications | |
| 10:30-11.00 | Coffee Break | | |
| 05.07.2017 Wednesday | | HALL C | |
| | Chair: Bülent Yılmaz | | |
| | Authors | Titles | |
| 11:00-13:00 | Veyis Turut | Padé Approximation For Solving Fourth-order Fractional Integro-differentialequations | |
| | Veyis Turut | An Efficient Nonlinear Technique For Systems of Fractional Differential Equations | |
| | Fatima Aqel | Characterization of the critical value for a quasilinear elliptic equation with arbitrary growth with respect to the gradient | |
| | Rasim Dermez | Investigation of Quantum Key Distrubition in the Quantum Cryptography | |
| | Rasim Dermez | Entanglement measurements in atomic ion and two-phonons system: Concurrence and negativity | |
| | Rukiye Öztürk Mert | Multipoint selfadjoint quasi-differential operators for first order | |
| | Saba Ozge Kaya | A Numerical Approach Based on Taylor Polynomials for Solving A Class of Nonlinear Differential Equations | |
| 13:00-14:30 | Lunch Break | | |
| 05.07.2017 Wednesday | | HALL C | |
| | Chair: Bülent Yılmaz | | |
| | Authors | Titles | |
| 14:30-16:30 | Vandana Tiwari | Fixed point results for generalized (ϕ, ψ) -weak contraction in partially ordered fuzzy Metric spaces | |
| | Sait Erkovan | Time-dependent perfusion coefficient determination in a 2D bioheat transfer process | |
| | Can Aktaş | Magnetized strange quark matter solutions in Lyra Manifold | |
| | Can Aktaş | Gödel type universe in $f(R, T)$ theory with quadratic equation of state | |
| | Selvi Altun | Numerical solution of fractional Bagley–Torvik Equation by the legendre wavelet operational matrix method | |
| | Selvi Altun | The Legendre wavelet operational matrix method and its applications on high order non-linear differantial equations | |
| 16:30-17:00 | Coffee Break | | |
| 05.07.2017 Wednesday | | HALL C | |
| | Chair: Bülent Yılmaz | | |
| | Authors | Titles | |
| 17:00-18:00 | Veyis Turut | Nonlinear solutions of the space- and time-fractional coupled Burgers equations | |
| | Majid Ali | Fuzzy Morphological Associative Memories Based on Finite Chain as a special case of L-Fuzzy Sets | |
| | Ruya Yegin Sen | Biconservative submanifolds in Euclidean spaces | |
| | Sefa Anıl Sezer | On a Generalized Power Series Method of Summability | |

| 05.07.2017 Wednesday | | HALL A | |
|----------------------|---------------------------------|--|--|
| | Chair: Necdet Bildik | | |
| | Authors | Titles | |
| 09:30-10:00 | A.A.Shkalikov | PT-Symmetric Sturm-Liouville Operators. Solvable Models and Applications. | |
| 10:00-10.30 | Ali Okatan | Fuzzy Logic and Some Applications | |
| 10:30-11.00 | Coffee Break | | |
| 05.07.2017 Wednesday | | HALL D | |
| | Chair: Sebahat Ebrui Das | | |
| | Authors | Titles | |
| 11:00-13:00 | Dilek Varol Bayram | New analytical solutions of the space fractional Korteweg-de Vries equation by Jacobi elliptic function expansion method | |
| | Mohammed Awad | Short-Term Forecasting of Climate Conditions in North of Palestine Using Artificial Neural Networks | |
| | Sevil Çulha | New analytical solutions of the time-fractional Phi-4 equation | |
| | Sidika Sule Sener | On an Optimal Boundary Control Problem for a Parabolic System | |
| | Simge Dedeoğlu | Analytic method of finding source function for diffusion problem with time-fractional derivative | |
| | Cherif Ziti | A new Entropic Riemann Solver of Conservation Law of Mixed Type Including Ziti's δ -Method with some Experimental Tests | |
| | Sevil Çulha | New analytical solutions of the time-fractional Phi-4 and Cahn-Allen equations | |
| 13:00-14:30 | Lunch Break | | |
| 05.07.2017 Wednesday | | HALL D | |
| | Chair: Sebahat Ebrui Das | | |
| | Authors | Titles | |
| 14:30-16:30 | Suleyman Cetinkaya | On Choosing a Suitable Wavelet for ECG Artefact Reduction | |
| | Suleyman Cetinkaya | On Problems of ECG Feature Extraction | |
| | Süleyman Mesut Yılmaz | Computational Method Based on Bernstein Operational Matrices for solving variable order fractional wave equation | |
| | Radia Abdelli | Modeling of a faulty Induction generator in a wind conversion system with a MCC approach | |
| | Şerifenur Cebesoy | Impulsive Discrete Dirac Operators with Spectral Singularities | |
| | Şerifenur Cebesoy | Symmetries of an Impulsive Quantum Difference Equation | |
| | Cüneyt Yazıcı | Image Inpainting Asymptotic Analysis for Horizontal Mask | |
| | Cüneyt Yazıcı | Image Inpainting by Shearlets and Wavelets via Elliptic Masking | |
| 16:30-17:00 | Coffee Break | | |
| 05.07.2017 Wednesday | | HALL D | |
| | Chair: Sebahat Ebrui Das | | |
| | Authors | Titles | |
| 17:00-18:00 | Sinan Öztaş | Recovery Operations After Disasters: Nontemporal Housing | |
| | Lahna Idres | A game theory approach to the combined traffic assignment and signal control problem | |
| | | | |

| 06.07.2017 Thursday | | HALL A | |
|----------------------------|--|--|--------|
| 09:30-10:00 10:00-10:30 | Chair: Samet Kadioğlu | | |
| | Authors | Titles | |
| | Seifedine Kadry | What is behind the scene of Quantum Computing? | |
| | Abdel-Salam Gomaa | Testing the Consistency of a Novel Bowling Scoring System against the Current Approach | |
| 10:30-11:00 | Coffee Break | | |
| 06.07.2017 Thursday | | HALL A | |
| 11:00-13:00 | Chair: Abdel-Salam Gomaa | | |
| | | Authors | Titles |
| | Davood Ahmadian | High order finite element method In insurance mathematics | |
| | Yasemin Bakir | Chebyshev wavelet collocation method for solving partial differential equation | |
| | Yesim Sarac | On Solution of an Optimal Control Problem Governed by a Linear Hyperbolic Equation | |
| | Zafer Bekiryazici | Investigation of the moments for a random model of cholera disease | |
| | Zarife Zararsız | Entropy Values of QRS Complex of ECG for Sport Horses | |
| | Zekeriya Ustaoglu | Approximate Inversion of a Generalized Radon Transform by Algebraic Reconstruction Technique | |
| | Zeliha Karahuseyin | Unified approach to the third Hankel determinant of a new subclass of univalent functions | |
| Pınar Balkı Okullu | An Explicit Characterization of Spherical Curves According to Bishop Frame | | |
| 13:00-14:30 | Lunch Break | | |
| 06.07.2017 Thursday | | HALL A | |
| 14:30-16:30 | Chair: Veyis Türüt | | |
| | | Authors | Titles |
| | Mustafa Aşçı | Some Properties of Gauss Balancing and Gauss Cobalancing Numbers | |
| | Adnan Aldemir | State-Space Modeling for Dynamic Behavior of A Liquid Level Control System with MATLAB | |
| | İsa Yıldırım | Some Results for Nonexpansive Mappings on Metric Spaces | |
| | Özcan sert | Holographic superconductors with the non-minimally coupled electromagnetic fields to gravity in RF2-form | |
| | Özcan sert | Regular black hole solutions in the model of gravity with the non-minimal couplings | |
| | Emel Ünver Demir | On Homology Groups of Simple Closed MA-Curves | |
| | Ufuk Kaya | Basis Properties of Root Functions of a Periodic-Antiperiodic Fourth Order Boundary Value Problem | |
| Volkan Oban | On the Reduction of Black Scholes Equation to Heat Equation and Numerical Solution | | |
| 16:30-17:00 | Coffee Break | | |
| 06.07.2017 Thursday | | HALL A | |
| 17:00-18:00 | Chair: Veyis Türüt | | |
| | | Authors | Titles |
| | Fazia Rahmoune | Functional approximation for reparable reliability model | |
| | Kahina Bouchama | Solving a clustering game | |
| | Kamel Meziani | Monopoly pricing in queueing system with unreliable server | |
| | Ahmet Daşdemir | Frequency response of pre-stressed sandwich plate-strip with piezoelectric layers and elastic core | |
| Ahmet Daşdemir | On Quaternionic Hyperbolic Lucas Functions | | |

| 06.07.2017 Thursday | | HALL A | |
|----------------------------|--|-------------------------------|--|
| | | Chair: Samet Kadioğlu | |
| | | Authors | Titles |
| 09:30-10:00 10:00-10:30 | | Seifedine Kadry | What is behind the scene of Quantum Computing? |
| | | Abdel-Salam Gomaa | Testing the Consistency of a Novel Bowling Scoring System against the Current Approach |
| 10:30-11:00 | | Coffee Break | |
| 06.07.2017 Thursday | | HALL B | |
| | | Chair: Seifedine Kadry | |
| | | Authors | Titles |
| 11:00-13:00 | | Rabah Khaldi | Solvability of nonlinear Sturm--Liouville boundary value problem |
| | | Atifa Latif | MHD three-dimensional free convective with periodic permeable flow and heat transfer of second grade fluid |
| | | Adem Cengiz Cevikel | Solitary wave solutions of some evolution equations |
| | | Adem Cengiz Cevikel | A solution concept for two-person zero-sum games with fuzzy payoffs |
| | | Adem Cengiz Cevikel | Solutions of matrix games with fuzzy goals |
| | | Ozgur Yildirim | On Applications of Laplace Transform Method on Partial Differential Equations |
| | | Ümmügülsün Akbaba | On Suborbital Graphs and Related Lucas Numbers |
| | | Elif Otkun Çevik | Some numerical characteristics of direct sum of operators |
| 13:00-14:30 | | Lunch Break | |
| 06.07.2017 Thursday | | HALL B | |
| | | Chair: Ayten Özkan | |
| | | Authors | Titles |
| 14:30-16:30 | | Kenan Yildirim | A solution to an optimal control problem via Haar-Wavelet Method |
| | | Samet Erden | Some Perturbed Inequalities of Ostrowski Type for Functions Whose nth Derivatives are of Bounded |
| | | Samet Erden | Pre-Gruss Inequality Involving Conformable Fractional Integrals and Its Applications for Random Variables |
| | | Sertan Alkan | Application of Sinc-Galerkin Method for Solving Fractional Partial Differential Equations |
| | | Sertan Alkan | Approximate solution of systems of fractional integro-differential equations |
| | | Khellaf Hassene | On Some new Nonlinear Integral Inequalities with a time delay |
| | | Akif Abbasoglu | Fredholm Quasi-Linear Manifolds And Degree Of Fredholm Quasi-Linear Mapping Between Them |
| | | Salah Djezzar | Regularization and error estimates for a non-linear abstract ill-posed parabolic problem |
| 16:30-17:00 | | Coffee Break | |
| 06.07.2017 Thursday | | HALL B | |
| | | Chair: Ayten Özkan | |
| | | Authors | Titles |
| 17:00-18:00 | | Musa Artar | Optimum design of braced steel space frames using teaching learning based optimization |
| | | Amroune Abdelaziz | On fuzzy lattices and their filters |
| | | Boudaoud Abdelmadjid | Unique representation of positive integers as a sum of distinct tribonacci numbers |
| | | Gasmi Abdelkader | Free-surface flow under inclined gate with zero gravity |

| 06.07.2017 Thursday | | HALL A | |
|----------------------------|------------------------------|--|--|
| 09:30-10:30 10:30-11:00 | Chair: Samet Kadioğlu | | |
| | Authors | Titles | |
| | Seifedine Kadry | What is behind the scene of Quantum Computing? | |
| | Abdel-Salam Gomaa | Testing the Consistency of a Novel Bowling Scoring System against the Current Approach | |
| 10:30-11:00 | Coffee Break | | |
| 06.07.2017 Thursday | | HALL C | |
| 11:00-13:00 | Chair: Mustafa Sivri | | |
| | Authors | Titles | |
| | Birol Ibis | A new numerical algorithm based on operational matrices. for solving Fractional Differential-Algebraic Equations | |
| | Gulsen Orucova Buyukoz | Numerical Solutions Of Vector Stochastic Differential Equations | |
| | Gulsemay Yigit | Chebyshev Differential Quadrature for Advection Diffusion Equation | |
| | Arzu Çilli | SI and SIS Mathematical Models and Applications Used in Epidemic Diseases | |
| | Tuğçem Partal | Numerical solutions of stochastic SIS epidemic model | |
| | Tuğçem Partal | Stability of Strong Numerical Schemes for Stochastic Differential Equations | |
| | Gözde Elver | A Discussion on Singular Two-Point Nonlinear Boundary Value Problems | |
| | İhsan Çelikkaya | Numerical Solution of the Modified Burgers Equation Using Cubic B-spline Collocation Method with a Splitting Technique | |
| 13:00-14:30 | Lunch Break | | |
| 06.07.2017 Thursday | | HALL C | |
| 14:30-16:30 | Chair: Mustafa Sivri | | |
| | Authors | Titles | |
| | Abimanyu Purusothaman | Numerical Investigation of natural convection heat transfer from a 3×3 array of discrete heaters in nano fluid filled porous enclosure | |
| | Abdelmadjid Recioui | Optimal placement of power factor correction capacitors | |
| | Ali Serdar Nazlıpınar | Approximate Calculation of Attainable Sets of Some Disease Control Models with Integral Constraints on Control | |
| | Elifcan Göçmen | Citrus Fruits Production Prediction with Artificial Neural Network and Time Series Approaches | |
| | Ozlem Ersoy | Least Squares Method to the Numerical Solution of Burgers' Equation | |
| | Ozlem Ersoy | Least Squares Method to the Numerical Solution of Regularized Long Wave Equation | |
| | Dahbia Akroum-Amrouche | Bioprocess mathematical modelling for the Bioconversion of biomasse into biofuels | |
| | Emre Taş | Approximation Properties of q -Bernstein Operators in Mobile Intervals | |
| 16:30-17:00 | Coffee Break | | |
| 06.07.2017 Thursday | | HALL C | |
| 17:00-18:00 | Chair: Mustafa Sivri | | |
| | Authors | Titles | |
| | Tuba Tunç | On New Generalized Fractional Integral Operators and Related Fractional Inequalities | |
| | Tugba Saraç | Assignment of the plastic injection molds to supplier firms | |
| | Tuğba Yurdakadım | Approximation by Positive Linear Operators in Modular Spaces | |
| | Rabah Khaldi | Upper and Lower Solutions Method for Higher Order Boundary Value Problems | |

| 06.07.2017 | | Thursday | | HALL A | |
|----------------------------|------------------------------|---|---|--------|--|
| 09:30-10:30 10:30-11:00 | Chair: Samet Kadiođlu | | | | |
| | Authors | | Titles | | |
| | Seifedine Kadry | | What is behind the scene of Quantum Computing? | | |
| Abdel-Salam Gomaa | | Testing the Consistency of a Novel Bowling Scoring System against the Current Approach | | | |
| 10:30-11:00 | | Coffee Break | | | |
| 06.07.2017 | | Thursday | | HALL D | |
| 11:00-13:00 | Chair: Omar Ramadan | | | | |
| | Authors | | Titles | | |
| | Oznur Yaşar Diner | | Obstruction Constructions Using Base Graphs | | |
| | Amal Ait El Djoudi | | Description of the thermal deconfining phase transition to a color-singlet QGP at zero density with cumulants of a probability distribution | | |
| | Faranak Rabiei | | Numerical solution of fuzzy Volterra-Differential equations using improved Runge-Kutta method | | |
| | Mohamed Laidi | | Confidence interval of improved Estimator of the Conditional Tail Expectation in the case of heavy-tailed losses | | |
| | Erman Ulker | | A numerical study of turbulent flow inside fully eccentric annulus with inner pipe rotation | | |
| | Fadime Gökçe | | On Some Properties About The Space $E_r^{\theta,p}$ | | |
| | Faik Mayah | | Measuring the Complexity of the Magnetic Braids | | |
| Aşlı Bektaş Kamışlık | | Approximate Results for a Semi Markovian Inventory Model with Regularly Varying Component | | | |
| 13:00-14:30 | | Lunch Break | | | |
| 06.07.2017 | | Thursday | | HALL D | |
| 14:30-16:30 | Chair: İsa Yıldırım | | | | |
| | Authors | | Titles | | |
| | Asli Larbi | | Resolving a dynamic winner determination problem (WDP) by dynamic programming | | |
| | Rachid Elouahbi | | A Hierarchical Graph Approach for Modeling Course Sequencing and Tracking Learner's Path in the Elearning System | | |
| | Muhammet Cihat Dađlı | | On reciprocity formulas for Apostol's Dedekind sums and their analogues | | |
| | Ali Başhan | | Numerical approximations of the combined KdV-mKdV equation via the quintic B-spline differential quadrature method | | |
| | Ali Başhan | | A Quintic B-spline based Crank-Nicolson-Differential Quadrature Method algorithm for numerical solutions of the nonlinear Schrödinger equation | | |
| | Muharrem Ünver | | An Application of Logistics Regression Model to Determining the Credit Suitability And Impacting Factors In A Special Bank Branch | | |
| Abdelkrim Merzougui | | Effect of surface tension and gravity on a free surface flow over two trapezoidal obstacles | | | |
| 16:30-17:00 | | Coffee Break | | | |
| 06.07.2017 | | Thursday | | HALL D | |
| 17:00-18:00 | Chair: İsa Yıldırım | | | | |
| | Authors | | Titles | | |
| | Hulya Kadioglu | | On the Dimension of Isometry Groups of Riemannian Manifolds | | |
| | Omar Ramadan | | Exponential evolution finite difference time domain operator: A unified explicit and implicit formulations for modeling frequency dependent materials | | |
| | Arzu Kurt | | Solution of a Set of Stochastic Integro-Differential Equations for Spin-Boson Model | | |

| 07.07.2017 Friday | | HALL A | |
|-------------------------------|--|---|---------------|
| 09:00-10:30 | Chair: Murat Karaçayır | | |
| | Authors | Titles | |
| | | | |
| | Yasin Kaya | On Variable Lebesgue Spaces | |
| | Oznur Ozkan Kılıc | Majorization by starlike functions of complex order | |
| | Nurcan Baykus Savaseneril | Lucas polynomial solutions of a class of neutral type functional differential equations with several delays | |
| | Nurcan Baykus Savaseneril | Lucas polynomial solutions of a class of neutral type functional differential equations with several delays | |
| | Fatih Yılmaz | Extended spectrum of some quasinormal operators | |
| Bengisen Pekmen Geridonmez | Numerical simulation of natural convection in a porous cavity filled with ferrofluid | | |
| 10:30-11:00 | Coffee Break | | |
| 07.07.2017 Friday | | HALL A | |
| 11:00-12:30 | Chair: Sertan Alkan | | |
| | | Authors | Titles |
| | Amar Andjough | Support Method for Nonconvex Quadratic Programming Minimization with One Negative Eigenvalue | |
| | Hakan Adiguzel | Numerical solution method for the fractional differential equations using haar wavelets | |
| | Hakan Adiguzel | Oscillation behavior of solution of nonlinear fractional neutral differential equations | |
| | Hakan Adiguzel | Oscillation results for fractional partial differential equations | |
| | Hakan Adiguzel | Oscillation properties of second-order neutral functional dynamic equations on time scales | |
| Ahmet SOLAK | A New Frequency Dependent Piece Wise Linear Memristor Model | | |
| 12:30-13:30 | Lunch Break | | |
| 07.07.2017 Friday | | HALL A | |
| | Chair: | | |
| | Authors | Titles | |
| 14:30-16:30 | | | |
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| 16:30-17:00 | Coffee Break | | |
| 07.07.2017 Friday | | HALL A | |
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| 17:00-18:00 | | | |
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| 07.07.2017 Friday | | HALL B | |
|--------------------|-----------------------------|---|---------------|
| 09:00-10:30 | Chair: Bülent Yılmaz | | |
| | Authors | Titles | |
| | Pembe İpek | Maximal dissipative singular quasi-differential operators for first order | |
| | Pembe İpek | The general form of normal quasi-differential operators for first order | |
| | Afşin Kürşat Gazanfer | Weighted Approximation by Three Dimensional Bernstein-Chlodowsky Polynomials in Tetrahedron with Moving Boundary | |
| | Merve Gürbüz | Numerical Stability of RBF Approximation for Unsteady MHD Flow Equations | |
| | Mohamed Lamine Djouamaa | Presentation of an Efficient Membrane Finite Element Compared to FEAP Element | |
| | Volkan Yaman | Comparison of Daftardar – Jafari Method with Adomian Decomposition and Differential Transformation Methods in Solving Non-linear Lane-Emden Equations | |
| 10:30-11:00 | Coffee Break | | |
| 07.07.2017 Friday | | HALL B | |
| 11:00-12:30 | Chair: Sertan Alkan | | |
| | | Authors | Titles |
| | Musa Artar | Damage detection on steel plane trusses via harmony search algorithm | |
| | Munise Didem Demirbaş | Heat transfer analysis of the circular plates with finite difference method | |
| | Murat Karaçayır | Application of a Galerkin-like method to Lotka-Volterra Predator-Prey Model | |
| | Murat Ozkaya | Some Norm Inequalities for 3-Dimensional Matrices | |
| | Suleyman Cengizci | SCEM for solving a system of singularly perturbed convection-diffusion equations | |
| | Suleyman Cengizci | On an asymptotic-numerical hybrid scheme for solving singularly perturbed turning point problems with dual layers | |
| 13:00-14:30 | Lunch Break | | |
| 07.07.2017 Friday | | HALL B | |
| 14:30-16:30 | Chair: | | |
| | Authors | Titles | |
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| 16:30-17:00 | Coffee Break | | |
| 07.07.2017 Friday | | HALL B | |
| 17:00-18:00 | Chair: | | |
| | Authors | Titles | |
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| 07.07.2017 Friday | | HALL C | |
| 09:00-10:30 | Chair: Sertan Alkan | | |
| | Authors | Titles | |
| | Ulas Yamanci | New type inequalities for reproducing kernel Hilbert Space and its applications | |
| | Selahattin maden | Mphi-A quasi - convexity and related some integral inequality | |
| | Selahattin maden | On some probability characteristics of a boundary functional of semi-markov random walk process with reflecting and delaying barriers | |
| | İlker karadağ | Integrating Preventive Maintenance Planning and Production Scheduling for Single Production Line | |
| | Hany El Naggar | Stress Charts for Embankment Loads on Preexisting Pipelines | |
| Ayşe Kübra Demirel | Some integral inequalities for the new convex functions | | |
| 10:30-11:00 | Coffee Break | | |
| 07.07.2017 Friday | | HALL C | |
| | Chair: | | |
| | Authors | | Titles |
| 11:00-12:30 | | | |
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| 13:00-14:30 | Lunch Break | | |
| 07.07.2017 Friday | | HALL C | |
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| 14:30-16:30 | | | |
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| 16:30-17:00 | Coffee Break | | |
| 07.07.2017 Friday | | HALL C | |
| | Chair: | | |
| | Authors | Titles | |
| 17:00-18:00 | | | |
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Posters 03.07.2017

| Name | Title |
|------------------------|--|
| Arzu Çilli | SI and SIS Mathematical Models and Applications Used in Epidemic Diseases |
| Ayşe Sandıkcı | Embedding Between Mixed Normed Lorentz Spaces with Measures |
| Ayşe Sandıkcı | Localization Operators on Weighted Lorentz Type Modulation Spaces |
| Ayşegül Çaksu Güler | On $IS\text{-}\beta$ -Paracompact Spaces |
| Allag Fateh | Artificial neural networks modeling of animal species evolution |
| Elifcan Göçmen | A Fuzzy TOPSIS Approach for Evaluating the Transition to Industry 4.0: Case Study for a Furniture Firm |
| Erbil Cetin | Solutions of fourth order three point BVPs with integral boundary conditions on an infinite interval |
| Erdal Ekici | An investigation on $I_{\{g\}^*}$ -open sets |
| Erdal Ekici | On an open form of the classes |
| Fatma Aydogmus | Vector field dynamic of 4D spinor-type instantons |
| Hakan Ozturk | On almost α -cosymplectic manifolds with η -parallel tensor fields |
| Serife Ege | Extended Traveling Wave Solutions of Some Evolution Equations |
| Nassima Sotehi | Numerical study of convective drying of porous |
| Zeliha Karahuseyin | On the Coefficient Problem of Analytic Functions associated with Univalent Functions |
| Laouar Lakhdar | Performance analysis of a machine tool by plans of experiments |

Posters 04.07.2017

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|-----------------------------|---|
| Berkane Abdelhak | On the boundary value problem with a nonlocal conditions |
| Bouharati Saddek | Risk factors for bladder cancer: Fuzzy logic inference analysis |
| Daher Al Baydli | Computation of the Steenrod square operation on finite 2-groups |
| Djamel Sebbar | Effects the variation the electric field and the width of the barriers for Resonant Tunneling in Superlattices |
| Farid Tafinine | A robust method in vibration monitoring of wind turbine using Hilbert Huang Transform method |
| Guerouah Amin | On Different Estimation Methods of The Univariate GARCH (1,1) |
| Hamouche Karima | Data analysis by linear technique for the biosorption of mercury |
| Larbi Lynda | Study Of An Integrated Process For The Degradation Of Antibiotics: optimization and modelization. |
| Maouni Messaoud | Iterative method based on the subspace correction algorithm for the approximation of an elliptic quasi-linear problem |
| Fouad Inel | Point and click control for planar cable-parallel robots |
| Mohamed Fenni | Weed control threshold: Intelligent modeling |
| Benhadri Mimia | Stability of neutral delays differential equations with damped stochastic perturbations |
| Benhamideche Chahrazed | EDX analysis, microstructure and transport properties of MgO doped Bi2212 superconductors |
| Ouaoua Amar | Exponential solutions decay for a class wave equation |
| Abdelhalim Mekhtiche | A simple approach based on Monte Carlo method to modeling multiple scattering of ions in amorphous targets |
| Abdelhalim Khenchouche | Artificial neural networks and post-mortem microbial biodiversity |
| Cheikh Khaled | Trap effect in metal-semi conductor field effect transistor |
| Zina Far | Wavelete method for solving fractional diffusion equations |
| Hamza Akroum | Optimization of operational parameters by statistical experimental designs for biohydrogen production processes |
| Ayşen Durmuş | Relativistic Solutions for Spinless Particles with Hartmann Potential in Hyperspherical Coordinates |
| Bounechada Mustapha | Vectors of Cutaneous Leishmaniasis Transmission: Artificial Neural Networks Modeling |
| El Khamssa Guechi | Kinetics and equilibrium modeling using linear analysis method for sorption of anionic dye on cattail leaves |
| Choubeila Boubechou | Study of the Tribological Behavior of a Sliding Contact Brass-Steel Couple |
| Reguig Bendoukha Abdelkarim | Synthesis of conducting polymers and soluble application in organic photovoltaic cells |
| Reguig Bendoukha Abdelkarim | Structural electronic and thermodynamic properties of CeO ₂ compound: an AB initio study |

Posters 05.07.2017

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| Nawel Mourah | On the stability of the implicit finite difference approximation method for time fractional diffusion equations |
| Rokaya Djida | An approach to the study of the thermally driven deconfinement phase transition in a finite volume through the order parameter and its thermal derivatives |
| Salim Boukhessaim | Correlations of microstructure and mechanical properties of high frequency HF melting Ti-Al alloys system |
| sarem hadi | Introduction to B-C [*] algebra Metric Space and Some Result Fixed point Theorems |
| Sermin Öztürk | On three dimensional almost α -cosymplectic manifolds |
| Touche Nassim | A methodology for availability evaluation: Case study of a boiler room at an oil production company |
| Zeghib Fatima Zohra | Integer-order partial differential equation-based image denoising |
| Ahcene Bouzida | The estimation of induction motor temperature using thermal network model |
| Tayeb Hamaizia | A note on Global numerical optimization based on chaotic search . |
| Erdoğan Mehmet Özkan | On the inhomogeneous Quantum Group of Fermions |
| Nur Cebi | Development of a rapid Fourier Transform Infrared Spectroscopic method for quantification of royal jelly in honey products |
| Abdessalem Benammar | Image reconstruction using sinogram interpolation for limited-angle computed tomography |
| Zaoui Moussa | An application of the theory of optimal control for the resolution of an aerodynamics problem. |
| Zaoui Moussa | An Application of The Theory of Optimal Control for The Resolution of An Aerodynamics Problem |
| Hasan Dalman | On solving uncertain random matrix games |