Assoc. Prof. MİNE AYLİN BAYRAK

Personal Information

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International Researcher IDs ORCID: 0000-0001-7716-3455 Yoksis Researcher ID: 155809

Education Information

Doctorate, Kocaeli University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1996 - 2003 Postgraduate, Kocaeli University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1994 - 1996 Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey 1988 - 1992

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Monoton potansiyel operatörler ve lineer olmayan eliptik denklem için karışık sınır değer probleminin sayısal çözümü, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2003 Postgraduate, Çember üzerinde tekil integral denklemin iterasyon yöntemi ile çözümü, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1996

Research Areas

Differential Equations, Numerical Analysis

Academic Titles / Tasks

Associate Professor, Kocaeli University, Fen Edebiyat Fakültesi, Matematik, 2018 - Continues Assistant Professor, Kocaeli University, Fen Edebiyat Fakültesi, Matematik, 2004 - Continues

Courses

Yüksek lisans tez, Postgraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019 Doktora Tez, Doctorate, 2023 - 2024, 2022 - 2023 MATEMATIK I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021 Kesirli Diferansiyel Denklemler, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020 MATEMATİK II, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019 SEMİNER II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019 Sayısal Analiz, Undergraduate, 2022 - 2023, 2021 - 2022 Diferansiyel Denklemler, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020 SEMİNER I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020 Lineer Cebir, Undergraduate, 2020 - 2021, 2019 - 2020 TERS PROBLEMLER, Doctorate, 2019 - 2020, 2018 - 2019

Jury Memberships

Post Graduate, Post Graduate, Kocaeli Üniversitesi, February, 2022 Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2022 Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, January, 2022 Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2022 Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2021 Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2021 Post Graduate, Post Graduate, Kocaeli Üniversitesi, February, 2016 Post Graduate, Post Graduate, Aydın Adnan Menderes Üniversitesi, July, 2014 Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2011 Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2010 Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2008

Published journal articles indexed by SCI, SSCI, and AHCI

 I. A NOVEL ANALYTICAL METHOD FOR TIME FRACTIONAL CONVECTION-DIFFUSION EQUATION THROUGH CLIQUE POLYNOMIALS OF THE COCKTAIL PARTY GRAPH Bayrak M. A., Demir A., Büyük A. JOURNAL OF APPLIED ANALYSIS AND COMPUTATION, vol.15, no.1, pp.564-573, 2025 (SCI-Expanded)
 II. On the inverse problem of time dependent coefficient in a time fractional diffusion problem by sinc wavelet collocation method Bayrak M. A., Demir A.

IOP science Physica Scripta, vol.99, no.-, pp.105-242, 2024 (SCI-Expanded)

- III. On the Inverse Problem of Time-Dependent Coefficient in a Time Fractional Diffusion Problem by Newly Defined Monic Laquerre Wavelets Bayrak M. A., Demir A. JOURNAL OF COMPUTATIONAL AND NONLINEAR DYNAMICS, vol.18, no.11, 2023 (SCI-Expanded)
- IV. A novel approach for the solution of fractional diffusion problems with conformable derivative Bayrak M. A., Demir A., Ozbilge E.
 NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.39, no.3, pp.1870-1887, 2023 (SCI-Expanded)
- V. On the numerical solution of conformable fractional diffusion problem with small delay Bayrak M. A., Demir A., Ozbilge E.
 NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.38, no.2, pp.177-189, 2022 (SCI-Expanded)
- VI. An Improved Version of Residual Power Series Method for Space-Time Fractional Problems Bayrak M. A., Demir A., Ozbilge E.

ADVANCES IN MATHEMATICAL PHYSICS, vol.2022, 2022 (SCI-Expanded)

VII. On Fractional Newton-Type Method for Nonlinear Problems

Bayrak M. A., Demir A., Ozbilge E.

Journal of Mathematics, vol.2022, 2022 (SCI-Expanded)

- VIII. Solving Time Fractional Schrodinger Equation in the Sense of Local Fractional Derivative Bayrak M. A., Demir A.
 - JOURNAL OF COMPUTATIONAL AND NONLINEAR DYNAMICS, vol.16, no.8, 2021 (SCI-Expanded)
- IX. Numerical solution of fractional diffusion equation by Chebyshev collocation method and residual power series method Bayrak M. A., Demir A., Ozbilge E. Alexandria Engineering Journal, vol.59, pp.4709-4717, 2020 (SCI-Expanded) X. On solution of fractional partial differential equation by the weighted fractional operator Bayrak M. A., Demir A., Ozbilge E. Alexandria Engineering Journal, vol.59, pp.4805-4819, 2020 (SCI-Expanded) XI. New approaches for the solution of space-time fractional Schrodinger equation Demir A., Bayrak M. A., Ozbilge E. ADVANCES IN DIFFERENCE EQUATIONS, vol.2020, no.1, 2020 (SCI-Expanded) XII. A New Approach for the Approximate Analytical Solution of Space-Time Fractional Differential Equations by the Homotopy Analysis Method Demir A., Bayrak M. A., Özbilge Kahveci E. ADVANCES IN MATHEMATICAL PHYSICS, vol.2019, pp.1-12, 2019 (SCI-Expanded) XIII. A new approach for space-time fractional partial differential equations by residual power series method Bayrak M. A., Demir A. APPLIED MATHEMATICS AND COMPUTATION, vol.336, pp.215-230, 2018 (SCI-Expanded)

XIV. An Approximate Solution of the Time-Fractional Fisher Equation with Small Delay by Residual Power Series Method Demir A., Bayrak M. A., Özbilge E.

MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2018, 2018 (SCI-Expanded)

- XV. Adsorption of Brilliant Yellow onto Sepiolite: Evaluation of Thermodynamics and Kinetics and the Application of Nonlinear Isotherm Models
 Tekin N., Bayrak M. A., Can E.
 JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.37, no.12, pp.1783-1792, 2016 (SCI-Expanded)
- XVI. A New Method for Solution of Fuzzy Reaction Equation
 Can E., Bayrak M. A.
 MATCH-COMMUNICATIONS IN MATHEMATICAL AND IN COMPUTER CHEMISTRY, vol.73, no.3, pp.649-661, 2015 (SCI-Expanded)

XVII. Approximate Solution of an Unknown Coefficients in Parabolic Equation Bayrak M. A., Can E.

APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.8, no.4, pp.1605-1609, 2014 (SCI-Expanded) XVIII. Numerical solution of mixed boundary value problem for some nonlinear elliptic equation Bayrak M. A. APPLIED MATHEMATICS AND COMPUTATION, vol.166, no.1, pp.204-212, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. NOVEL WAVELET APPROACH FOR SOLVING FRACTIONAL BAGLEY-TORVIK PROBLEMS Bayrak M. A., Demir A., Büyük A. Kragujevac Journal of Mathematics, vol.50, no.5, pp.745-757, 2026 (ESCI)
- II. On a Fractional Operator of Adjoint Hybrid Fractional Derivative Operator BAYRAK M. A., DEMİR A.

Annals of the University of Craiova, Mathematics and Computer Science Series, vol.51, no.1, pp.21-39, 2024 (ESCI)

III.	Inverse Coefficient Problem by Fractional Taylor Series Method
	Bayrak M. A., Demir A.
	ANNALS OF THE UNIVERSITY OF CRAIOVA, MATHEMATICS AND COMPUTER SCIENCE SERIES, vol.50, no.2, pp.292- 301, 2023 (ESCI)
IV.	Experimental Investigation and Mathematical Modeling of Heat Distribution on a Laser-Treated
	PMMA Surface
	Bağlan İ., Canel T., Bayrak M. A.
	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.11, pp.34-45, 2023 (Peer-Reviewed Journal)
V.	On new aspects of Chebyshev polynomials for space-time fractional diffusion process
	Demir A., Bayrak M. A., Bulut A., Ozbilge E., Cetinkaya S.
	APPLIED MATHEMATICS AND NONLINEAR SCIENCES, vol.8, no.2, pp.1051-1062, 2023 (ESCI)
VI.	Identification of a time-dependent diffusivity coefficient in heat-like space-time fractional
	differential equations
	Bayrak M. A., Demir A.
	Journal of Amasya University the Institute of Sciences and Technology, vol.3, no.2, pp.11-20, 2022 (Peer-Reviewed
	Journal)
VII.	On the challenge of identifying space dependent coefficient in space-time fractional diffusion
	equations by fractional scaling transformations method
	Bayrak M. A., Demir A.
	TURKISH JOURNAL OF SCIENCE, vol.7, no.2, pp.132-145, 2022 (Peer-Reviewed Journal)
VIII.	SOLUTIONS FOR THE FRACTIONAL MATHEMATICAL MODELS OF DIFFUSION PROCESS
	Çetinkaya S., Bayrak M. A., Demir A., Baleanu D.
	FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.37, no.1, pp.103-120, 2022 (ESCI)
IX.	A New Iterative Algorithm for the Time-Fractional Fisher Equation Including Small Delay
	Demir A., Bayrak M. A.
	Konuralp journal of mathematics, vol.10, no.1, pp.1-10, 2022 (Peer-Reviewed Journal)
X.	DETERMINATION OF TIME DEPENDENT DIFFUSION COEFFICIENT IN TIME FRACTIONAL DIFFUSION
	EQUATIONS BY FRACTIONAL SCALING TRANSFORMATIONS METHOD
	Bayrak M. A., Demir A.
	BULLETIN OF THE INSTITUTE OF MATHEMATICS ACADEMIA SINICA NEW SERIES, vol.16, no.4, pp.303-319, 2021
	(ESCI)
XI.	A NEW APPROACH FOR THE APPROXIMATE SOLUTION OF FRACTIONAL INTEGRO-DIFFERENTIAL
	EQUATIONS
	Bayrak M. A., Demir A.
	BULLETIN OF THE INSTITUTE OF MATHEMATICS ACADEMIA SINICA NEW SERIES, vol.16, no.3, pp.193-215, 2021
	(ESCI)
XII.	Approximate solution of time fractional Helmholtz andcoupled Helmhotz equations
	Bayrak M. A., Tetik S.
	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.11, no.4, 2020 (ESCI)
XIII.	NUMERICAL SOLUTION OF FUZZY PARABOLIC DIFFERENTIAL EQUATIONS BY A FINITE DIFFERENCE
	METHODS
	Bayrak M. A., Can E.
	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, vol.10, no.4, pp.886-896, 2020 (ESCI)
XIV.	On time-fractional Lotka-Volterra diffusion model
	Demir A., Bayrak M. A.
	New Trends in Mathematical Science, vol.3, no.7, pp.178-285, 2019 (Peer-Reviewed Journal)
XV.	A New Approach for the Solution of Space-TimeFractional Order Heat-Like Partial
	DifferentialEquations by Residual Power Series Method
	Demir A., Bayrak M. A.
	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.10, no.3, pp.585-597, 2019 (ESCI)
XVI.	Exact solutions of some transonic gas flows equations

Bayrak M., Bayrak M. A.

European International Journal of Science and Technology, vol.7, no.1, pp.15-20, 2018 (Peer-Reviewed Journal)

XVII. Inverse Problem for Determination of An Unknown Coefficient in the Time Fractional Diffusion Equation

Demir A., Bayrak M. A.

COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.9, no.2, pp.229-237, 2018 (ESCI)

XVIII. Analytical solution of time-fractional nonlinear Benjamin-Bona-Mahony equation by residual power series method,

Bayrak M. A., Bayrak M.

International Journal of Applied Mathematics, vol.31, no.2, pp.251-262, 2018 (Scopus)

XIX. APPLICATION OF THE (G '/G)-EXPANSION METHOD FOR SOME SPACE-TIME FRACTIONAL PARTIAL

DIFFERENTIAL EQUATIONS Bayrak M. A.

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.67, no.1, pp.60-67, 2018 (ESCI)

XX. Determination of an unknown spacewise dependent coefficient for the time-fractional heat equation Bayrak M. A., Demir A.

European International Journal of Science and Technology, vol.6, no.6, 2017 (Peer-Reviewed Journal)

XXI. Approximate solution of second-order fuzzy boundaryvalue problem Bayrak M. A.

New Trends in Mathematical Sciences, vol.5, no.3, pp.7-21, 2017 (Peer-Reviewed Journal)

XXII.A novel numerical method for fuzzy boundary value problemCan E., Bayrak M. A., Hiçdurmaz B.

IOP Science Journal of Physics:Conference series, vol.707, no.707, 2016 (Peer-Reviewed Journal)

XXIII. Numerical methods for determining an unknown space wise dependent source in the heat equation Can E., Bayrak M. A., Kaplan F.

International journal of Engineering sciences and management, vol.5, no.1, 2015 (Peer-Reviewed Journal)

XXIV. Interpolation of fuzzy numbers

Can E., Bayrak M. A.

Journal of modern methods in numerical methods, vol.6, pp.22-27, 2015 (Peer-Reviewed Journal)

XXV. Numerical solution of fuzzy differential equations by Milne's predictor-corrector method Bayrak M. A., Can E.

Mathematical sciences and application E-notes, vol.3, no.1, 2015 (Peer-Reviewed Journal)

XXVI. Fuzzy Difference Equation in Finance

Sabri Ali U., Can E., Bayrak M. A.

international journal of scientific and innovative mathematical research, vol.2, no.8, 2014 (Peer-Reviewed Journal)

XXVII. Approximate solution of wave equation using fuzzy number Bayrak M. A.

International journal of computer applications, vol.68, no.19, 2013 (Peer-Reviewed Journal)

XXVIII. Identifying an unknown function in a parabolic equation by homotopy analysis method and comparison with the Adomian Decomposition method Bayrak M. A., Gör İ.

AIP CONFERENCE PROCEEDINGS, vol.470, no.88, 2012 (Peer-Reviewed Journal)

XXIX. Numerical Solution of Singular Integral Equation on Circle Golayoğlu A., Bayrak M. A.

Journal of Kocaeli University, vol.0, no.0, 1996 (Non Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Novel Wavelet Approach for Solving Time or Space Fractional Klein-Gordon Problems

Bayrak M. A., Demir A., Erman S., Büyük A.

ICOLES 2023, Antalya, Turkey, 2 - 05 November 2023

- II. A new approach to differential equations using clique collocation method
 Büyük A., BAYRAK M. A., DEMİR A.
 5th International conference on life and engineering sciences, Alanya, Turkey, 19 May 2022
- III. On the effectiveness of improved adjoint hybrid fractional derivative operator ERMAN S., BAYRAK M. A., DEMİR A.

Mediterranean International Conference on Research in Applied Sciences, Antalya, Turkey, 12 April 2022

IV. Comparison of finite difference method and residual power series method for time fractional diffusion problems

ERMAN S., BAYRAK M. A., DEMİR A.

International ONLINE conference on mathematical advances and applications (ICOMAA-2022), İstanbul, Turkey, 11 April 2022

V. THE ANALYTIC SOLUTION OF INITIAL BOUNDARY VALUE PROBLEM INCLUDING SPACE-FRACTIONAL DIFFUSION EQUATION

ÇETİNKAYA S., DEMİR A., BAYRAK M. A.

International Marmara Sciences Congress (Spring 2019), Kocaeli, Turkey, 26 - 28 April 2019, pp.1453-1457

- VI. Bulanık Cauchy Problemlerinin Sayısal Çözümü (Özet)
 Kodal Sevindir H., Çetinkaya S., Tabak G., Bayrak M. A.
 UMTEB 3.Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 2 03 June 2018
- VII. İkinci Mertebeden Bulanık Başlangıç Değer Probleminin Homotopi Analiz Metodu ile Çözümü (Özet)
 Bayrak M. A., Tabak G., Çetinkaya S., Kodal Sevindir H.
 UMTEB 3.Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 02 June 2018
- VIII. BAYRAK A new iterative algorithm for the time-fractional Fisher equation including small delay DEMİR A., BAYRAK M. A., BAYRAK M.

ICOMAA2018, International Conference on Mathematical Advances and Applications, May 11-13, 2018, 11 - 13 May 2018

- IX. A new iterative algorithm for the time-fractional Fisher equation including small delay DEMİR A., BAYRAK M. A., BAYRAK M.
 International Conference on Mathematical Advances and Applications (ICOMAA2018), İstanbul, Turkey, 11 - 13 May 2018
- X. A novel iterative algorithm on the time-fractional Fisher equation with small delay BAYRAK M. A., DEMİR A., BAYRAK M.

International Conference on Mathematical Advances and Applications, 11 - 13 May 2018

XI. A new iterative algorithm on the time-fractional Fisher equation including small delay DEMİR A., BAYRAK M. A., BAYRAK M.

International Conference on Mathematical Advances and Applications, 11 - 13 May 2018

XII. A new approach for the solution of space-time fractional order heat-like partial differential equations by Residual power series method DEMIR A., BAYRAK M. A.

International conference on mathematics and Engineering, 10 - 12 May 2017

XIII. Determination of an unknown time dependent coefficient for the time fractional heatequation DEMIR A., BAYRAK M. A.

International conference on Mathematics and Engineering, 10 - 12 May 2017

XIV. A new approach for space-time fractional partial differential equations by Residualpower series method

BAYRAK M. A., DEMİR A.

International Conference on mathematics and Engineering, 10 - 12 May 2017

XV. Determination of an unknown spacewise dependent coefficient for the timefractionalheat equation BAYRAK M. A., DEMİR A.

International conference on mathematics and Engineering, 10 - 12 May 2017

 CAN E, GOLAYOĞLU A, BAYRAK M, A, HIÇDURMAZ B. PROCEDINGS OF MATHEMATICS AND EDUCATIONALSYMPOSIUM OF DEPARTMENT OF MATHEMATICS ANDCOMPUTER SCIENCETHE X2N EDITON, 28 - 29 May 2016 XVII. APROXIMATE SOLUTION OF CAUCHY REACTIONALSYMPOSIUM OF DEPARTMENT OF MATHEMATICS ANDCOMPUTER SCIENCETHE X2N EDITION, 28 May 2016 XVIII. A PROCEDINGS OF MATHEMATICS AND EDUCATIONALSYMPOSIUM OF DEPARTMENT OF MATHEMATICS ANDCOMPUTER SCIENCETHE 2ND EDITION, 28 May 2016 XVIII. A novel numerical method for second-order fuzzy linear boundary value problems CAN E, BAYRAK M, A, HIÇDURMAZ B. IPCAP 2016, 25 - 27 February 2016 XIX. Approximate solution of fuzzy second order differential equations Levent O, BAYRAK M, A. The 4th International fuzzy systems symposium FUZZYSS'15 Istanbul, 5 - 06 November 2015 XX. Approximate solution of fuzzy second order differential equation GZCELIKMAN L, BAYRAK M, A. FUZZYSS'15 The 4th International Fuzzy Systems Symposium, 5 - 06 November 2015 XX. Determination of nuknown spacewise dependent coefficient in a parabolic equation CAN E, GOLAYOGLU A, BAYRAK M, A. Proceedings of the 2015 International Conference on PureMathematics. Applied Mathematics and Computational Methods (PMAMCM 2015), 16 - 20 July 2015 XXII. Superposition method for fuzzy two point boundary value problems CAN E, BAYRAK M, A. INASE Conferences, Barcelona, Spain, 7 - 09 April 2015 XXII. Ruercical Solution of fuzzy two point boundary value problems CAN E, BAYRAK M, A. IECMSA-2013 2nd international Eurasian conference on mathematics sciences and applications Sarajevo-Bosnia and Herzegovina, 26 - 29 August 2013 XXIV. Fuzzy Difference Equation in Finance CAN E, BAYRAK M, A.	XVI.	NUMERICAL SOLUTION OF UNKNOWN SPACEWISE DEPENDENT COEFFICIENT IN A PARABOLIC EQUATION
 PROCEEDINGS OF MATHEMATICS AND EDUCATIONALSYMPOSIUM OF DEPARTMENT OF MATHEMATICS ANDCOMPUTER SCIENCETHE 2ND EDITION, 28 - 29 May 2016 PROFENDING OF CALCIPR REACTIONDIFPUSIONEQUATION CAN E, BAYRAK M. A, SAVAŞ EREN R. PROCEDINGS OF MATHEMATICS AND EDUCATIONALSYMPOSIUM OF DEPARTMENT OF MATHEMATICS ANDCOMPUTER SCIENCETHE 2ND EDITION, 28 May 2016 XVIII. A novel numerical method for second-order fuzzy linear boundary value problems CAN E, BAYRAK M. A, HIGURIMAZ B. UPCAP 2016, 25 - 27 Pebruary 2016 XVI. Approximate solution of fuzzy second order differential equations Levent 0, BAYRAK M. A. EVERT DEVICENT SCIENCE SCIENCES AND ADDITES DEVICENT SCIENCE DEVICENT SCIENCE DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT DEVICENT DEVICENT DEVICENT DEVICENT DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT DEVICENT SCIENCES DEVICENT DEVICENT SCIENCES DEVICENT DEVICENT SCIENCES DEVICENT DEVICENT SCIENCES DEVICENT DEVICENT SCIENCES DEVICENT DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT SCIENCES DEVICENT DEVICENT SCIENCES DEVICENT DEVICENT DEVICENT SCIENCES DEVICENT DEVICENT SCIENCES DEVICENT DEVICENT DEVICENT DEVICENT DEVICENT DEVICE		CAN E., GOLAYOĞLU A., BAYRAK M. A., HİCDURMAZ B.
 ANDCOMPUTER SCIENCETHE 2ND EDITION, 28 - 29 May 2016 XTL. APPROXIMATE SOLUTION OF CAUCHY REACTIONDIFFUSIONEQUATION CAN E, BAYRAK M. A, SAYAS FERN R. PROCEEDINGS OF MATHEMATICS AND EDUCATIONALSYMPOSIUM OF DEPARTMENT OF MATHEMATICS ANDCOMPUTER SCIENCETHE 2ND EDITION, 28 May 2016 XVIII. A novel numerical method for second-order fuzzy linear boundary value problems CAN E, BAYRAK M. A, HIÇDURMAZ B. IPCAP 2016, 25 - 27 February 2016 XX. Approximate solution of fuzzy second order differential equations Levent O, BAYRAK M. A. The 4th international fuzzy systems symposium FUZZYSS 15 Istanbul, 5 - 06 November 2015 XX. POZPORITATE solution of fuzzy second order differential equation OZCELIKMAN L, BAYRAK M. A. FUZZYSS 15 The 4th INternational Fuzzy Systems Symposium, 5 - 06 November 2015 XX. DETERMINATION OF LUZZY System Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY System Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY Systems Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY Systems Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY Systems Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY Systems Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY System Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY System Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY System Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY System Symposium 5 - 06 November 2015 XX. DETERMINATION OF LUZZY DIFFERENCE QUALID IN FILARCE CAN E, ANTRAK M.		PROCEEDINGS OF MATHEMATICS AND EDUCATIONALSYMPOSIUM OF DEPARTMENT OF MATHEMATICS
 XVII. APPROXIMATE SOLUTION OF CAUCHY REACTIONDIFFUSIONEQUATION CAN E, BATRAK M. A, SAVAS EREN R. PROCEEDINGS OF MAINTEMATICS AND EDUCATIONALSYMPOSIUM OF DEPARTMENT OF MATHEMATICS ANDCOMPUTER SCIENCETHE 2ND EDITION, 28 May 2016 XVIII. A novel numerical method for second-order fuzzy linear boundary value problems CAN E, BATRAK M. A, HICDURMAZ B. IPCAP 2016, 25 - 27 February 2016 XX. Approximate solution of fuzzy second order differential equations Levent O, BAYRAK M. A. The 4th international fuzzy systems symposium FUZXYS's 15 Istanbul, 5 - 06 November 2015 XX. Approximate solution of fuzzy second order differential equation CZCELIMAN L, BAYRAK M. A. FUZZYSS's 15 The 4th INErnational Fuzzy Systems Symposium, 5 - 06 November 2015 XXI. Determination of unknown spacewise dependent coefficient in a parabolic equation CAN R, COLAYOGU A, BAYRAK M. A. Proceedings of the 2015 International Conference on PureMathematics, Applied Mathematics and Computational Methods/PMAMCM 2015), 16 - 20 July 2015 XXII. Superposition method for fuzzy two point boundary value problems CAN R, BAYRAK M. A. INASE Conferences, Barcelona, Spain, 7 - 09 April 2015 XXIII. Numerical solution of fuzzy set equation CAN R, BAYRAK M. A. IECMSA-2013 2nd International Eurasian conference on mathematics sciences and applications Sarajevo-Bosnia and Herzegovina, 26 - 29 August 2013 XVII. Interpolation of fuzzy anumbers		ANDCOMPUTER SCIENCETHE 2ND EDITION, 28 - 29 May 2016
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