

Prof.Dr. İREM BAĞLAN

Kişisel Bilgiler

E-posta: isakinc@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/isakinc>

Posta Adresi: koü fen edebiyat fak.matematik böl.

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-1877-9791

Yoksis Araştırmacı ID: 29057

Eğitim Bilgileri

Doktora, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Türkiye 2002 - 2007

Yüksek Lisans, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Türkiye 1998 - 2002

Lisans, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1993 - 1998

Yabancı Diller

İngilizce, B1 Orta

Yaptığı Tezler

Doktora, DEĞİŞKEN KATSAYILI FOURIER SERİLERİYLE PARABOLİK DENKLEMLER İÇİN DEVİRLİ SINIR KOŞULLU KARIŞIK PROBLEMİN ANALİZİ , Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, 2007

Yüksek Lisans, GECİKMELİ DİFERANSİYEL DENKLEMLER VE KARARLILIK TEORİSİ , Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, 2002

Araştırma Alanları

Matematik, Fourier Analizi, Temel Bilimler

Akademik Unvanlar / Görevler

Doç.Dr., Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 2015 - Devam Ediyor

Dr.Öğr.Üyesi, Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 2010 - 2015

Araştırma Görevlisi Dr., Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 2008 - 2010

Araştırma Görevlisi, Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 1999 - 2007

Verdiği Dersler

Seminer II, Lisans, 2018 - 2019

Matematik I, Lisans, 2019 - 2020

Diferansiyel Denklemler, Lisans, 2019 - 2020

Seminer I, Lisans, 2019 - 2020

Matematik II, Lisans, 2018 - 2019

Uzmanlık Alan Dersi, Yüksek Lisans, 2019 - 2020

Diferansiyel Denklemlerde Fourier Yöntemleri, Yüksek Lisans, 2018 - 2019

Laplace Dönüşümleri ve Uygulamaları, Yüksek Lisans, 2018 - 2019

Harmonik Analiz ve Uygulamaları, Yüksek Lisans, 2018 - 2019

Yönetilen Tezler

Bağlan İ., Periyodik sınır koşullu hiperbolik ters katsayı probleminin Fourier yöntemiyle çözümü, Yüksek Lisans, A.PEKÜZÜN(Öğrenci), 2021

Jüri Üyelikleri

Tez Savunma (Sanatta Yeterlik), Tez Savunma (Sanatta Yeterlik), Kocaeli Üniversitesi, Haziran, 2022

Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Kocaeli Üniversitesi, Haziran, 2022

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama-Yardımcı Doçentlik, Kocaeli Üniversitesi, Mayıs, 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **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, cilt.11, ss.34-45, 2023 (SCI-Expanded)
- II. **Inverse coefficient problem for quasilinear pseudo-parabolic equation by Fourier method**
Bağlan İ., Akdemir A. O., Dokuyucu M. A.
FILOMAT, cilt.37, 72302023, sa.21, ss.7217-7230, 2023 (SCI-Expanded)
- III. **Analysis for two-dimensional inverse quasilinear parabolic problem by Fourier method**
Kanca F., BAĞLAN İ.
INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, cilt.29, sa.12, ss.1912-1945, 2021 (SCI-Expanded)
- IV. **Fourier method for higher dimensional inverse quasi-linear parabolic problem**
Bağlan İ., Kanca F.
NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, cilt.37, sa.3, ss.2222-2234, 2021 (SCI-Expanded)
- V. **Solution of the Boundary-Value Problem of Heat Conduction with Periodic Boundary Conditions**
Bağlan İ., Kanca F.
Ukrainian Mathematical Journal, cilt.72, ss.232-245, 2020 (SCI-Expanded)
- VI. **Mathematical modeling of heat distribution on carbon fiber Poly(ether-ether-ketone) (PEEK) composite during laser ablation**
CANEL T., BAĞLAN İ., SINMAZÇELİK T.
Optics and Laser Technology, cilt.127, 2020 (SCI-Expanded)
- VII. **Mathematical modelling of laser ablation of random oriented short glass fiber reinforced Polyphenylene sulphide (PPS) polymer composite**
CANEL T., BAĞLAN İ., SINMAZÇELİK T.
OPTICS AND LASER TECHNOLOGY, cilt.115, ss.481-486, 2019 (SCI-Expanded)
- VIII. **Two-dimensional inverse quasilinear parabolic problem with periodic boundary condition**

- BAĞLAN İ., Kanca F.
APPLICABLE ANALYSIS, cilt.98, sa.8, ss.1549-1565, 2019 (SCI-Expanded)
- IX. Determination of an Unknown Heat Source from Integral Overdetermination Condition
BAĞLAN İ., Kanca F., MISHRA V. N.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, cilt.42, ss.1373-1382, 2018 (SCI-Expanded)
- X. Inverse Problem for Euler-Bernoulli Equation with Periodic Boundary Condition
Kanca F., BAĞLAN İ.
FILOMAT, cilt.32, sa.16, ss.5691-5705, 2018 (SCI-Expanded)
- XI. Determination of a coefficient in a quasilinear parabolic equation with periodic boundary condition
Baglan I.
INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, cilt.23, sa.5, ss.884-900, 2015 (SCI-Expanded)
- XII. An inverse coefficient problem for a quasilinear parabolic equation with periodic boundary and integral overdetermination condition
BAĞLAN İ., Kanca F.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.38, sa.5, ss.851-867, 2015 (SCI-Expanded)
- XIII. Weak generalized and numerical solution for a quasilinear pseudo-parabolic equation with nonlocal boundary condition
BAĞLAN İ., Kanca F.
ADVANCES IN DIFFERENCE EQUATIONS, 2014 (SCI-Expanded)
- XIV. An inverse problem for a quasilinear parabolic equation with nonlocal boundary and overdetermination conditions
Kanca F., BAĞLAN İ.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2014 (SCI-Expanded)
- XV. An inverse coefficient problem for a quasilinear parabolic equation with nonlocal boundary conditions
Kanca F., BAĞLAN İ.
BOUNDARY VALUE PROBLEMS, 2013 (SCI-Expanded)
- XVI. Continuous dependence on data for a solution of the quasilinear parabolic equation with a periodic boundary condition
Kanca F., Baglan I. S.
BOUNDARY VALUE PROBLEMS, 2013 (SCI-Expanded)
- XVII. NUMERICAL SOLUTION OF A QUASILINEAR PARABOLIC PROBLEM WITH PERIODIC BOUNDARY CONDITION
Sakinc I.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.39, sa.2, ss.183-189, 2010 (SCI-Expanded)
- XVIII. FOURIER METHOD FOR A QUASILINEAR PARABOLIC EQUATION WITH PERIODIC BOUNDARY CONDITION
Ciftci I., Halilov H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.37, sa.2, ss.69-79, 2008 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. Analytical and Numerical Investigation of Two-Dimensional Heat Transfer with Periodic Boundary Conditions
BAĞLAN İ., ASLAN E.
Computation, cilt.12, sa.1, 2024 (ESCI)
- II. Analysis of Inverse Coefficient Problem for Euler-Bernoulli Equation with Periodic and Integral Conditions
Bağlan İ.

- Natural and Applied Sciences Journal, cilt.7, sa.2, ss.15-25, 2023 (Hakemli Dergi)
- III. Stability of Solution of Quasilinear Parabolic Two-Dimensional with Inverse Coefficient by Fourier Method**
Bağlan İ.
Natural & applied sciences journal, cilt.6, sa.1, ss.9-20, 2023 (Hakemli Dergi)
- IV. Analysis of Inverse Euler-Bernoulli Equation with periodic boundary conditions**
BAĞLAN İ., CANEL T.
Turkish Journal of Science, cilt.7, sa.3, ss.146-156, 2022 (Hakemli Dergi)
- V. Solution of Parabolic Problem with Inverse Coefficient s(t) with Periodic and Integral Conditions**
BAĞLAN İ.
Kocaeli Journal of Science and Engineering, cilt.5, ss.1-9, 2022 (Hakemli Dergi)
- VI. Timur Canel- İrem Bağlan,“ Optimization with Taguchi Method of Laser Parameters Necessary for Smooth Groove Bottom in ZAMAK 5**
Bağlan İ.
Kafkas Üniversitesi Fen Bilimleri Dergisi, cilt.15, sa.2, ss.12-22, 2022 (Hakemli Dergi)
- VII. Solution of Inverse Euler-Bernoulli Problem with Integral Overdetermination and Periodic Boundary Conditions**
BAĞLAN İ., Kanca F., Mishra V. N.
IRANIAN JOURNAL OF MATHEMATICAL SCIENCES AND INFORMATICS, cilt.17, sa.1, ss.191-206, 2022 (ESCI)
- VIII. Continuous Dependence on Data for a Solution of Higher Order Quasi-Linear Parabolic Equation Using Fourier Method**
BAĞLAN İ., CANEL T.
Eastern Anatolian Journal, cilt.7, sa.2, ss.35-41, 2021 (Hakemli Dergi)
- IX. Fourier Method for Higher Order Quasi-Linear Parabolic Equation Subject with Periodic Boundary Conditions**
BAĞLAN İ., CANEL T.
Turkish Journal of Science, cilt.6, sa.2, ss.110-121, 2021 (Hakemli Dergi)
- X. Mathematical Modeling of the Shape of Cavity Created with Laser Using Melting, Boiling Temperature.**
CANEL T., BAĞLAN İ.
Turkish Journal of Science, cilt.6, sa.3, ss.162-166, 2021 (Hakemli Dergi)
- XI. Mathematical Modeling of the Effect of CO₂ Laser Parameter on Shape and Geometry of Polymer Plate**
Canel T., Bağlan İ.
Turkish Journal of Science, cilt.5, sa.3, ss.257-261, 2020 (Hakemli Dergi)
- XII. Continuous Dependence on Data for a Solution of determination of an unknown source of Heat Conduction of Poly(methyl methacrylate) (PMMA)**
Bağlan İ., Canel T.
Turkish Journal of Science, cilt.5, sa.3, ss.214-219, 2020 (Hakemli Dergi)
- XIII. Mathematical Modeling of the Effect of CO₂ Laser Power on Texture Size on Polyoxymethylene (POM) Sheet**
Canel T., Bağlan İ.
Turkish Journal of Science, cilt.5, sa.3, ss.252-256, 2020 (Hakemli Dergi)
- XIV. Mathematical Modeling of the Eect of CO₂ Laser Power on TextureSize on Polyoxymethylene (POM) Sheet**
CANEL T., BAĞLAN İ.
TURKISH JOURNAL OF SCIENCE, cilt.5, sa.3, ss.252-256, 2020 (Hakemli Dergi)
- XV. An inverse coefficient problem for quasilinear pseudo-parabolic of heat conduction of Poly(methyl methacrylate) (PMMA)**
Bağlan İ., Canel T.
Turkish Journal of Science, cilt.5, sa.3, ss.199-207, 2020 (Hakemli Dergi)

- XVI. **FOURIER METHOD FOR THE INVERSE COEFFICIENT OF THE PSEUDO-PARABOLIC EQUATION WITH NON-LOCAL BOUNDARY CONDITION**
 Bağlan İ.
 TWMS J. App. and Eng. Math. , cilt.10, sa.4, ss.857-865, 2020 (Hakemli Dergi)
- XVII. **Mathematical modeling of one dimensional temperature distribution as a function of laser intensity on carbon fiber reinforced poly(ether-ether-ketone)-(peek) composite**
 CANEL T., BAĞLAN İ.
 TWMS J. App. and Eng. Math, cilt.10, sa.3, ss.769-777, 2020 (ESCI)
- XVIII. **ANALYSIS OF TWO-DIMENSIONAL NON-LINEAR BURGERS'xx EQUATIONS**
 BAĞLAN İ.
 TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.9, ss.38-48, 2019 (Scopus)
- XIX. **MATHEMATICAL MODELING OF THE DEPENDENCE OF HEAT DISTRIBUTION ON DIRECTION IN SURFACE TEXTURING OF CONTINUOUS CARBON FIBRE REINFORCED EPOXY COMPOSITES BY ND.YAG LASER**
 CANEL T., BAĞLAN İ.
 TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.9, sa.1, ss.49-57, 2019 (ESCI)
- XX. **Fourier method for inverse problem coefficient euler-bernoulli beam equation**
 BAĞLAN İ.
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, cilt.68, sa.1, ss.514-527, 2019 (Hakemli Dergi)
- XXI. **ANALYSIS OF TWO-DIMENSIONAL NON-LINEAR BURGERS' EQUATIONS**
 BAĞLAN İ.
 TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.9, sa.1, ss.38-48, 2019 (ESCI)
- XXII. **Analysis of inverse parabolic problem with nonlocal boundary condition**
 BAĞLAN İ., KANCA F.
 journal of abstract and computational mathematics, cilt.3, ss.51-62, 2018 (Hakemli Dergi)
- XXIII. **A geometric modeling of 2-dimensional parabolic problem with periodic boundary condition**
 KANCA F., BAĞLAN İ., ÖZTÜRK G.
 Malaya Journal of Matematik, cilt.6, ss.286-290, 2018 (Hakemli Dergi)
- XXIV. **ANALYSIS OF TWO DIMENSIONAL PARABOLIC EQUATION WITH PERIODIC BOUNDARY CONDITIONS**
 GÜLKAÇ V., BAĞLAN İ.
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, cilt.67, ss.328-334, 2018 (Hakemli Dergi)
- XXV. **Solution of two-dimensional non-linear Burgers' equations with nonlocal boundary condition**
 BAĞLAN İ., KANCA F.
 Malaya Journal of Matematik, cilt.5, ss.675-679, 2017 (Hakemli Dergi)
- XXVI. **Identifying an unknown time dependent coefficient for quasilinear parabolic equations**
 KANCA F., BAĞLAN İ.
 New Trends in Mathematical Science, cilt.4, ss.116-128, 2016 (Hakemli Dergi)
- XXVII. **Generalized and numerical solution for a quasilinear parabolic equation with nonlocal conditions**
 Kanca F., BAĞLAN İ.
 STUDIA UNIVERSITATIS BABES-BOLYAI MATHEMATICA, cilt.60, sa.4, ss.567-581, 2015 (ESCI)
- XXVIII. **The Continuous Dependence and Numerical Approximation of the Solution of the Quasilinear Pseudo-Parabolic Problem with Periodic Boundary Condition**
 BAĞLAN İ., kanca f.
 Journal of Advances in Mathematics, cilt.5, sa.3, ss.12-25, 2014 (Hakemli Dergi)
- XXIX. **“Fourier Method for a Pseudo-Quasilinear Parabolic Problem with Periodic Boundary Condition”,**
 Bağlan İ.
 International Journal of Pure and Applied Mathematics, cilt.52, ss.717-729, 2009 (Hakemli Dergi)
- XXX. **Dependency of he solution of quasilinear pseudo-parabolic equation wih periodic boundary condition on Epsilon**

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. Numerical Investigation of 2D Heat Transfer with Periodic Boundary Conditions
Bağlan İ., Aslan E.
The 14 th International Conference on Computational Heat and Mass Transfer, Düsseldorf, Almanya, 4 - 08 Eylül 2023, ss.11-29
- II. Mathematical Modelling of Boundary of Dimple Created on ZAMAK 5 plate with Nd:YAG Laser
CANEL T., BAĞLAN İ.
icoles,2022, Antalya, Türkiye, 19 Mayıs 2022
- III. Investigation of the Effects of CO₂ Laser Parameters on the Geometry of the Grooves Formed on the Transparent Polycarbonate (PC) Surface
CANEL T., BAĞLAN İ.
icoles,2022, Antalya, Türkiye, 19 Mayıs 2022
- IV. Solution of Two Dimension Quasi-Linear Parabolic Equation with Inverse Coefficient
BAĞLAN İ., CANEL T.
icoles,2022, Antalya, Türkiye, 19 Mayıs 2022
- V. Optimization of Laser Machining Parameters with Taguchi L9 Orthogonal Array
CANEL T., BAĞLAN İ.
icoles,2022, Antalya, Türkiye, 19 Mayıs 2022
- VI. Solution of Higher Order Quasi-Linear Parabolic Equation Subject to Periodic Boundary Using Fourier Method
Bağlan İ., Canel T.
Icoles 2022, Antalya, Türkiye, 19 - 22 Mayıs 2022, ss.220-228
- VII. Mathematical Modeling of the Width of Grooves Created with Laser Beam on Dual-Phase Steel Surface
BAĞLAN İ., CANEL T.
icmrs,2021, Türkiye, 22 Ekim 2021
- VIII. Fourier Method for Inverse Coefficient Quasilinear Higher Order Equation
BAĞLAN İ.
icoles,2021, Türkiye, 22 Ekim 2021
- IX. Solution of Higher Order Quasi-Linear Parabolic Equation Subject to Periodic Boundary Conditions Using Fourier Method
BAĞLAN İ., CANEL T.
icmrs,2021, Türkiye, 22 Ekim 2021
- X. Fourier Methods for Determination of An Unknown Heat Source Poly(Methyl Methacrylate) (PMMA) with Periodic Boundary Conditions
BAĞLAN İ., CANEL T.
3rd INTERNATIONAL CONFERENCEON MATHEMATICAL AND RELATED SCIENCES:CURRENT TRENDS AND DEVELOPMENTSICMRS 2020, ONLINE MEETING, Türkiye, 20 - 22 Kasım 2020
- XI. Analysis for the Inverse Coefficient of the Pseudo-Parabolic Equation with non-Local Boundary Condition
BAĞLAN İ., CANEL T.
ICOLES 2019INTERNATIONAL CONFERENCEON LIFE AND ENGINEERING SCIENCES, İstanbul, Türkiye, 27 - 29 Haziran 2019, cilt.1, sa.1, ss.155-163
- XII. Investigation the Effect of Laser Energy on Heat Affected Zone (HAZ) in Fiber Reinforced Polyphenylene Sulphide (PPS) and Mathematical Simulation of HAZ Formation
CANEL T., BAĞLAN İ.

- 2 ND INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Antalya, Türkiye, 27 - 30 Nisan 2019, cilt.1, sa.1, ss.119-124
- XIII. **The Stability of Solution for Pseudo-Quasilinear Euler Bernoulli Mixed Problem**
BAĞLAN İ.
INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Girne, Kıbrıs (Kktc), 2 - 06 Eylül 2018
- XIV. **Solution of Inverse Euler-Bernoulli Problem with Integral Overdetermination Condition**
BAĞLAN İ.
INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Girne, Kıbrıs (Kktc), 2 - 06 Eylül 2018
- XV. **Continuous dependence on data for a solution of fourth order EulerBernoulli quasilinear equation with periodic boundary condition**
BAĞLAN İ.
ICOLES, Girne, Kıbrıs (Kktc), 2 - 06 Eylül 2018
- XVI. **Fourier Method for Inverse Coefficient Euler-Bernoulli Beam Equation**
BAĞLAN İ.
International Conference on Mathematics and Mathematics Education, Ordu, Türkiye, 26 - 29 Haziran 2018
- XVII. **Mathematical Modeling of Ablation of Carbon Fiber Reinforced Plastics by Laser**
CANEL T., BAĞLAN İ.
ICMME-2018 International Conference on Mathematics and Mathematics Education, Ordu, Türkiye, 27 Haziran 2018, ss.614
- XVIII. **Mathematical Modeling of Ablation of Carbon Fiber Reinforced Plastics by Lase**
BAĞLAN İ., CANEL T.
International Conference on Mathematics and Mathematics Education, Ordu, Türkiye, 26 - 29 Haziran 2018
- XIX. **Determination of an Unknown coefficient for euler bernoulli equation**
BAĞLAN İ., KANCA F.
ICMRS, Antalya, Türkiye, 28 Nisan - 02 Mayıs 2018
- XX. **Solution of a boundary value problem in heat conduction with a periodic boundary condition**
BAĞLAN İ.
ICMRS, Antalya, Türkiye, 28 Nisan - 02 Mayıs 2018
- XXI. **Inverse Problem for Euler-Bernoulli Equation with Periodic Boundary Condition**
KANCA F., BAĞLAN İ.
International Conference on Applied Analysis and Mathematical Modeling, 4 - 07 Temmuz 2017
- XXII. **Determination of Parameter for Euler-Bernoulli Equation with Periodic Boundary Condition**
KANCA F., BAĞLAN İ.
International Conference on Mathematics and Engineering (ICOME), 10 - 12 Mayıs 2017
- XXIII. **A Geometric Modeling of the Solution of Two Dimensional Parabolic Equation**
BAĞLAN İ., KANCA F., ÖZTÜRK G.
International Conference on Mathematics and Engineering(ICOME 2017), 10 - 12 Mayıs 2017
- XXIV. **Two-dimensional Inverse Quasilinear Parabolic Problem with Periodic Boundary Condition**
BAĞLAN İ., KANCA F.
International Conference on Mathematics and Engineering (ICOME), 10 - 12 Mayıs 2017
- XXV. **Determination of an Unknown Heat Source from Integral Overdetermination Condition for Quasilinear Parabolic Equation**
BAĞLAN İ., kanca f.
INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Saraybosna, Sırbistan Ve Karadağ, 15 Ağustos 2016, ss.54-67
- XXVI. **Weak Generalized and Numerical Solution for a Pseudo- Quasilinear Parabolic Equation with Nonlocal Boundary Condition**
BAĞLAN İ., kanca f.
International Conference Applied Analysis and Mathemaical Modelling, İstanbul, Türkiye, 24 Temmuz 2013, ss.5-6
- XXVII. **Yarı Doğrusal Parabolik Denklem için Lokal OLmayan sınır Koşullu Problemin Zayıf ve nümerik Çözümü**

- BAĞLAN İ., kanca f.
XXVI. Matematik Sempozyumu, DİYARBAKIR, Diyarbakır, Türkiye, 01 Eylül 2012, ss.2
- XXVIII. A finite Difference Solution of the Quasilinear Pseudo-Parabolic Problem with Periodic Boundary Condition
BAĞLAN İ., kanca f.
The International Congress in Honour of Professor Hari M.Srivasa, Bursa, Türkiye, 15 Haziran 2012, ss.3
- XXIX. Numerical Solution of a Quasilinear Parabolic Equation with Periodic Boundary Condition
BAĞLAN İ.
International Symposium on Computing in Science-Engineering, Aydin, Türkiye, 15 Haziran 2011, ss.1-2
- XXX. Yarı Doğrusal Pseudo-Parabolik Denklem için Devirli Sınır Koşullu Problemin Çözümünün Epsilona Bağlılığı
BAĞLAN İ., halilov H.
II. Türk Dünyası Matematik Sempozyumu, Sakarya, Türkiye, 04 Temmuz 2007, ss.3
- XXXI. Devirli Sınır Koşullu Yarı Doğrusal Pseudo-Parabolik Denklem için Fourier Metodu"
BAĞLAN İ., halilov H.
II. Türk Dünyası Matematik Sempozyumu, Sakarya, Türkiye, 04 Temmuz 2007, ss.2
- XXXII. Orta Çağın Büyük Türk Bilginleri
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II. Türk Dünyası Matematik Sempozyumu, Sakarya, Türkiye, 04 Temmuz 2007, ss.4
- XXXIII. Değişken Katsayılı Fouier Serileri Yardımı ile Yarı Doğrusal Parabolik Denklem için Devirli Sınır Koşullu Karışık Problemin Analizi
BAĞLAN İ., halilov H.
XIV. Türk Matematik Derneği Sempozyumu, Kütahya, Türkiye, 28 Ağustos 2006, ss.1

Desteklenen Projeler

BAĞLAN İ., Yükseköğretim Kurumları Destekli Proje, YÜKSEK MERTEBEDEN PERİYODİK SINIR KOŞULU YARI LİNEER PARABOLİK DENKLEM İÇİN FOUE METODU, 2019 - 2021

Bilimsel Dergilerdeki Faaliyetler

ICOLES 2022 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Editör, 2022 - 2022
ICOLES 2021 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Editör, 2021 - 2021
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Bilimsel Hakemlikler

Sakarya University Journal of Science , Diğer İndekslerce Taranan Dergi, Eylül 2023
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, Diğer İndekslerce Taranan Dergi, Eylül 2021
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, SCI Kapsamındaki Dergi, Eylül 2020
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Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Kasım 2017

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Eylül 2017

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Haziran 2017

Journal of Mathematical Finance, Diğer İndekslerce Taranan Dergi, Nisan 2017

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Nisan 2017

Applicable Analysis, SCI Kapsamındaki Dergi, Nisan 2017

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Mart 2017

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Mart 2017

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Şubat 2017

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Ocak 2017

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Aralık 2016

Hacettepe Journal of Mathematics and Statistics, SCI Kapsamındaki Dergi, Kasım 2016

"New Trends in Mathematical Sciences", Diğer İndekslerce Taranan Dergi, Eylül 2016

Hacettepe Journal of Mathematics and Statistics, SCI Kapsamındaki Dergi, Mayıs 2016

"New Trends in Mathematical Sciences", Diğer İndekslerce Taranan Dergi, Nisan 2016

Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, Hakemli Bilimsel Dergi, Nisan 2016

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Şubat 2016

Hacettepe Journal of Mathematics and Statistics, SCI Kapsamındaki Dergi, Şubat 2016

Open Mathematics, SCI Kapsamındaki Dergi, Ocak 2016

Applied Mathematics and Computation, SCI Kapsamındaki Dergi, Mayıs 2015

Journal of Applied Mathematics & Information Sciences,, Diğer İndekslerce Taranan Dergi, Mart 2015

Boundary Value Problems, SCI Kapsamındaki Dergi, Ocak 2015

Boundary Value Problems, SCI Kapsamındaki Dergi, Mayıs 2014

Etkinlik Organizasyonlarındaki Görevler

Bağlan İ., ICMRS 2022 4TH INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Ekim 2022

Bağlan İ., ICOLES 2022 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Mayıs 2022

Bağlan İ., 5 TH INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Mayıs 2022

Bağlan İ., ICMRS 2021 4TH INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Ekim 2021

Canel T., BAĞLAN İ., 4TH INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Eylül 2021

Bağlan İ., ICOLES 2021 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Eylül 2021

Bağlan İ., ICMRS 2020 3TH INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Kasım 2020

Bağlan İ., ICOLES 2020 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre /

Sempozyum Organizasyonu, Türkiye, Kasım 2020

Bağlan İ., 3 TH INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Eylül 2020

Canel T., BAĞLAN İ., ICOLES 2019 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Aralık 2019

Bağlan İ., ICMRS 2019 2TH INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Ekim 2019

Bağlan İ., 2 TH INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Haziran 2019

Bağlan İ., 1 TH INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Eylül 2018

Canel T., BAĞLAN İ., ICOLES 2018 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Eylül 2018

Metrikler

Yayın: 105

Atıf (WoS): 73

Atıf (Scopus): 80

H-İndeks (WoS): 6

H-İndeks (Scopus): 6

Akademi Dışı Deneyim

köseköy fürsan ilköğretim okulu