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International Researcher IDs

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Publons / Web Of Science ResearcherID: GEB-2410-2022

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Education

Doctorate Continues	Yildiz Technical University, Matematik, Turkey
Continues	Yildiz Technical University, Matematik Mühendisliği, Turkey
Undergraduate Continues	Yildiz Technical University, Matematik Mühendisliği, Turkey

Published journal articles indexed by SCI, SSCI, and AHCI

- Generalized Gegenbauer-Humbert wavelets for solving fractional partial differential equations**
Alkhalissi J. H. S., EMİROĞLU İ., Bayram M., SEÇER A., TAŞÇI F.
ENGINEERING WITH COMPUTERS, vol.39, no.2, pp.1363-1374, 2023 (SCI-Expanded)
- A new operational matrix of fractional derivative based on the generalized Gegenbauer-Humbert polynomials to solve fractional differential equations**
Alkhalissi J. H. S., Emiroglu İ., Bayram M., Secer A., Tasci F.
ALEXANDRIA ENGINEERING JOURNAL, vol.60, no.4, pp.3509-3519, 2021 (SCI-Expanded)
- A Novel Mathematical Model to Calculate the Osteotomy in Ankylosing Spondylitis**
Akpolat A. O., TAŞÇI F., Kilinc B. E., Celebi M. E., Balioglu M. B.
Spine, vol.46, no.11, pp.760-764, 2021 (SCI-Expanded)
- The Taylor Matrix Method for Approximate Solution of Lane-Emden Equation with index-n**
Güler C., Emiroğlu İ., Taşçi F., Sivri M.
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.7, no.4, pp.1341-1344, 2013 (SCI-Expanded)
- Dynamical Response of Two Axially Pre-Strained System Comprising of a Covering Layer and a Half Space to Rectangular Time-Harmonic Forces**
EMİROĞLU İ., TAŞÇI F., AKBAROV S.
CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.49, no.1, pp.47-68, 2009 (SCI-Expanded)
- Efficiency optimisation of gas turbine based cogeneration cycle**
YILMAZ T., BAYRAKTAR S., TAŞÇI F.
JOURNAL OF THE ENERGY INSTITUTE, vol.81, no.2, pp.110-113, 2008 (SCI-Expanded)
- The Lamb Problem for A half Space Covered with a Two Axially Prestretched Layer**
TAŞÇI F.
MECHANICS OF COMPOSITE MATERIALS, vol.47, 2005 (SCI-Expanded)
- The Lamb's problem for a half-space covered with the pre-stretched layer**
AKBAROV S., Emiroglu I., TASCİ F.
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.47, no.9, pp.1326-1349, 2005 (SCI-Expanded)

9. **On the discrete spectrum of non-self-adjoint Schrodinger differential equation with an operator coefficient**
Bayramoglu M., Tasci F., Zeynalov D.
JOURNAL OF MATHEMATICAL PHYSICS, vol.45, no.5, pp.1820-1825, 2004 (SCI-Expanded)
10. **Lamb problem for a half-space covered with a two-axially prestretched layer**
Emiroglu I., TAsCI F., AKBAROV S.
MECHANICS OF COMPOSITE MATERIALS, vol.40, no.3, pp.227-236, 2004 (SCI-Expanded)
11. **Asymptotics of the spectrum of the n-dimensional Schrödinger operator with operator potential**
TAŞÇI F.
Balkan Physics Letters, vol.6, pp.65-71, 1998 (SCI-Expanded)

Articles Published in Other Journals

1. **Asymptotic behaviour of the weighted trace of the schrödinger operator**
TAŞÇI F.
International journal of differential equations and applications, vol.7, no.2, pp.195-201, 2003 (Peer-Reviewed Journal)
2. **Asymptotic Behaviour of the weighted trace of the Schrödinger Operator International journal of Differential equations and aplications**
TAŞÇI F.
International journal of Differential equations and aplications, 2003 (Peer-Reviewed Journal)
3. **Asymptotics of number of negative eigenvalues relative to small parameter of even order operator equation**
TAŞÇI F.
International journal of differential equations and Applications, vol.2, no.4, pp.355-362, 2001 (Peer-Reviewed Journal)
4. **Numerical solution of Differential equations by Spline functions**
TAŞÇI F.
Sakarya Üniversitesi Fen Bilimleri Dergisi, vol.5, no.1, pp.59-61, 2001 (Peer-Reviewed Journal)
5. **Asymptotics of number of negative eigenvalues relative to small parameter of even order operator equation**
TAŞÇI F.
International journal of Differential Equations and Applications, 2001 (Peer-Reviewed Journal)
6. **Asymptotics of the Spectrum of the n Dimensional Schrödinger Operator with Operator Potential**
TAŞÇI F.
Balkan Physics Letter, 2001 (Peer-Reviewed Journal)
7. **Higer Trace formulas for sturm_Liouville Equations with Unbunded Operator Coefficient İn Finite Interval**
TAŞÇI F.
Ins. Math&Comp. sciences(Math. Ser.), vol.10, no.3, 1997 (Peer-Reviewed Journal)
8. **Bir İç Nokta Lineer programlama Algoritması**
TAŞÇI F.
Yıldız Teknik Üniversitesi Dergisi, no.2, pp.31-40, 1995 (Peer-Reviewed Journal)
9. **Sayısal Türev formüllerinde Ağırlık Katsayılarının Hızlı Bir Şekilde Hesaplanması ve Uygulamaları**
TAŞÇI F.
Yıldız Teknik Üniversitesi Dergisi, vol.4, no.1995, pp.71-77, 1995 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

1. **Numerical solution of fractional order PDEs using Gegenbauer Wavelet**
Alkhalissi J. H. S., Emiroğlu İ., Taşçı F., Seçer A.
7th International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 20 June 2018, pp.246
2. **Legendre-Wavelet Galerkin Method for the Solution of Fractional Order Differential Equations System**
Seçer A., Taşçı F., Turan Dincel A., Tekercioğlu R.
ICCESEN 2017, Antalya, Turkey, 04 October 2017, vol.1, no.1, pp.204
3. **A New Algorithm to the Solution of Multi Objective Linear Fractional Programming Problem with Interval Cost Coefficients Method**
SİVRİ M., TAŞÇI F., GÜLER C., DALMAN H., GÜZEL N.
International Conference and Workshop on Mathematical Analysis, Putrajaya, Malaysia, 27 May 2014, pp.10
4. **The fractional transportation problem with interval demand, supply and costs**
Köçken H., Emiroğlu İ., Güler C., Taşçı F., Sivri M.
International Conference on Mathematical Sciences and Istatistic 2013 (ICMSS 2013), Kuala-Lumpur, Malaysia, 5 - 07 February 2013, vol.1557, pp.339-344
5. **The Fractional Transportation Problem with Interval Demand, Supply and Costs**
Kocken H., Emiroğlu İ., Gueler C., Taşçı F., Sivri M.
International Conference on Mathematical Sciences and Statistics (ICMSS), Kuala-Lumpur, Malaysia, 5 - 07 February 2013, vol.1557, pp.339-344
6. **A Solution Proposal to the Transportation Problem with the Linear Fractional Objective Function**
TAŞÇI F.
Fourth International Conference on Modeling, Simulation and Applied Optimization, Kuala Lumpur, Malaysia, 19 April 2011, pp.78
7. **Solution Proposal to the Transportation Problem with the Linear Fractional objective Function, Modelling**
Sivri M., Emiroglu I., Güler C., Tasci F.
Simulation and Applied Optimization ((ICMSS2013), 2011 4th International Conference on Mathematical Sciences and statistics, Kuala-Lumpur, Malaysia, 19 - 22 April 2011, pp.78
8. **Numerical Algorithm used in the investigations of the three dimensional time-harmonic lamb's problem for pre-stressed stratified half-space**
TAŞÇI F.
II. Türk Dünyası Matematik Sempozyumu, Sakarya, Turkey, 04 July 2007, pp.24
9. **On the "resonance" values of the dynamical stress in the system comprises two-axially pre-stretched layer and half-space**
TAŞÇI F., EMİROĞLU İ., Akbarov S.
7th International Conference on Vibration Problems (ICOVP 2005), İstanbul, Turkey, 5 - 09 September 2005, vol.111, pp.469-470
10. **On the resonance values of the dynamical stress in the system comprises two-axially pre-stretched layer and half space**
TAŞÇI F.
The 7th International conference on Vibration problems, İstanbul, Turkey, 05 September 2005, pp.27
11. **The Lamb problem for a half-space covered with a biaxially presetreched layer**
Emiroglu I., Tasci F., AKBAROV S.
01 May 2004, pp.54
12. **The inverse scattering problem for first order system on a semi-axis**
TAŞÇI F.
International conference on mathematics and mechanics devoted to the 70-th anniversary of academician of NAS of Azerbaijan, hounered scientist, Prof. A.D. Gadjiev, Azerbaijan, pp.46

Academic and Administrative Experience

2015 - Continues	Head of Department	Yıldız Teknik Üniversitesi, Matematik Mühendisliği
2012 - Continues	Head of Department	Yıldız Teknik Üniversitesi, Matematik Mühendisliği
2014 - 2017	Fakülte Yönetim Kurulu Üyesi	Yıldız Technical University, Faculty of Education
2014 - 2017	Fakülte Kurulu Üyesi	Yıldız Technical University, Faculty of Education
2008 - 2014	Deputy Head of Department	Yıldız Teknik Üniversitesi, Matematik Mühendisliği

Supervised Theses

- TAŞÇI F., Nükleer Güç Santrallerinin Finansman Modeli Ve Matematiksel Yaklaşımlar, Doctorate, C.Terzioğlu(Student), 2017
- TAŞÇI F., Türk Musikisi Sembolik Verileri Üzerinde Hesaplamalı Ezgi Analizi, Doctorate, M.Kemal(Student), 2016
- TAŞÇI F., Üç Boyutlu Hücreli Dönüşümlerin Karakterizasyonu, Doctorate, F.Şah(Student), 2015
- TAŞÇI F., Adomian Ayrışım Metodu ile Isı Transferi Modellemesi, Postgraduate, Y.Karagöz(Student), 2012
- TAŞÇI F., Rüzgar Enerjisinden Elektrik Üretim Projelerinin Reel Opsiyonlar Yöntemi ile Değerlemesi, Postgraduate, C.Terzioğlu(Student), 2011
- TAŞÇI F., RFID' nin Lojistikteki Genel Kullanımı, Postgraduate, S.Arslan(Student), 2010
- TAŞÇI F., Rasyonel B-Spline ile Yüzey Oluşturma, Postgraduate, Ö.İpek(Student), 2003
- TAŞÇI F., Spline ile Eğri ve Yüzey Oluşturma, Postgraduate, R.Tekercioğlu(Student), 2001

Metrics

- Publication: 32
- Citation (WoS): 45
- Citation (Scopus): 56
- H-Index (WoS): 4
- H-Index (Scopus): 4