

Prof. Dr. MÜNEVVER TEZER

Kişisel Bilgiler

İş Telefonu: [+90 312 210 5376](tel:+903122105376)

Fax Telefonu: [+90 0312 210 2970](tel:+9003122102970)

E-posta: munt@metu.edu.tr

Web: <https://Department of Mathematics Middle East Technical University, 06800, Ankara, TURKEY>

Posta Adresi: Department of Mathematics Middle East Technical University, 06800, Ankara, TURKEY

Uluslararası Araştırmacı ID'leri

ScholarID: [pvQMZgkAAAAJ](https://scholar.google.com/citations?user=pvQMZgkAAAAJ)

ORCID: [0000-0001-5439-3477](https://orcid.org/0000-0001-5439-3477)

Publons / Web Of Science ResearcherID: [AAB-3269-2022](https://publons.com/author/publons/AAB-3269-2022)

ScopusID: [35071900400](https://scopus.com/authid/detail.uri?authorId=35071900400)

Yoksis Araştırmacı ID: [5677](https://yoksis.metu.edu.tr/yoksis/5677)

Eğitim Bilgileri

Doktora, The University of Calgary, Department Of Mathematics And Statistics, Kanada 1978 - 1983

Yüksek Lisans, University of Saskatchewan, Department Of Mathematics, Kanada 1976 - 1978

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1974 - 1976

Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1970 - 1974

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Some Mixed Boundary Value Problems in Magnetohydrodynamics, The University of Calgary, Department Of Mathematics And Statistics, 1983

Yüksek Lisans, The Numerical Solution of the Navier-Stokes Equations using FEM, University of Saskatchewan, Department Of Mathematics, 1978

Yüksek Lisans, Finite Element Formulation and Programming Aspects of Navier-Stokes Equations, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1976

Araştırma Alanları

Matematik, Sayısal Analiz, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2018 - Devam Ediyor

Prof. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1993 - 2018

Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1987 - 1993
Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1984 - 1987
Öğretim Görevlisi Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1983 - 1984
Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1975 - 1976

Yönetilen Tezler

- TEZER M., Bem solutions of magnetohydrodynamic flow equations under the time and axial-dependent magnetic field, Doktora, E.EBREN(Öğrenci), 2021
- Tezer M., Finite difference method solution of magnetohydrodynamic flow in channels with electrically conducting and slipping walls, Yüksek Lisans, S.ARSLAN(Öğrenci), 2018
- TEZER M., Radial basis function and dual reciprocity boundary element solutions of fluid dynamics problems, Doktora, M.GÜRBÜZ(Öğrenci), 2017
- TEZER M., Numerical solutions of boundary value problems; applications in ferrohydrodynamics and magnetohydrodynamics, Doktora, P.ŞENEL(Öğrenci), 2017
- TEZER M., DRBEM applications in fluid dynamics problems and DQM solutions of hyperbolic equations, Doktora, B.PEKMEN(Öğrenci), 2014
- TEZER M., FEM solutions of magnetohydrodynamic and biomagnetic fluid flows in channels, Doktora, Ö.TÜRK(Öğrenci), 2014
- TEZER M., The dual reciprocity boundary element solution of Helmholtz-type equations in fluid dynamics, Doktora, N.ALSOY(Öğrenci), 2013
- TEZER M., Application of the boundary element method to parabolic type equations, Doktora, N.BOZKAYA(Öğrenci), 2010
- TEZER M., The dual reciprocity boundary element method solution of fluid flow problems, Doktora, S.GÜMGÜM(Öğrenci), 2010
- TEZER M., Numerical solution of nonlinear reaction-diffusion and wave equations, Doktora, G.MERAL(Öğrenci), 2009
- TEZER M., The finite element method over a simple stabilizing grid applied to fluid flow problems, Doktora, S.HAN(Öğrenci), 2008
- TEZER M., Boundary element method solution of initial and boundary value problems in fluid dynamics and magnetohydrodynamics, Doktora, C.BOZKAYA(Öğrenci), 2008
- TEZER M., The finite element method solution of reaction-diffusion-advection equations in air pollution, Yüksek Lisans, Ö.TÜRK(Öğrenci), 2008
- TEZER M., A boundary element formulation for axi-symmetric problems in poro-elasticity, Doktora, M.HAMİT(Öğrenci), 2006
- TEZER M., Solution of helmholtz-type equations by differential quadrature method, Yüksek Lisans, G.KURUŞ(Öğrenci), 2004
- TEZER M., Differential quadrature method for time-dependent diffusion equation, Yüksek Lisans, M.AKMAN(Öğrenci), 2003
- TEZER M., Dual reciprocity boundary element method for time-dependent diffusion equation, Yüksek Lisans, S.Gümgüm(Öğrenci), 2003
- TEZER M., Daul reciprocity boundary element method for time-dependent diffusion equation, Yüksek Lisans, S.GÜMGÜM(Öğrenci), 2003
- TEZER M., Numerical methods for solving two-point boundary value problems, Yüksek Lisans, M.KHADRA(Öğrenci), 2002
- TEZER M., Boundary element solution of magnetohydrodynamic flow, Yüksek Lisans, C.ERDÖNMEZ(Öğrenci), 2001
- TEZER M., Evaluation of infinite integrals involving bessel functions of arbitrary order, Yüksek Lisans, Y.ASU(Öğrenci), 2000
- TEZER M., Dual reciprocity boundary element method for Poisson's equations using osculatory radial basis functions, Yüksek Lisans, S.HAN(Öğrenci), 2000
- TEZER M., New fast algorithms for polynomial interpolation and evaluation on the chebyshev node set, Yüksek Lisans,

A.DELİCEOĞLU(Öğrenci), 2000

TEZER M., Dual reciprocity boundary element method for poisson's equation using osculatory radial basis functions, Yüksek Lisans, S.Han(Öğrenci), 2000

TEZER M., A Two-step jacobi-type iterative method for solving linear systems, Yüksek Lisans, F.ERDAL(Öğrenci), 2000

TEZER M., Laplace equation solution using boundary element method, Yüksek Lisans, E.Öğüt(Öğrenci), 1998

TEZER M., Correlation attack on stream ciphers, Yüksek Lisans, F.BİRİNCİ(Öğrenci), 1998

TEZER M., Finite elementsolution of navier-stokes equations in terms of velocity and pressure, Yüksek Lisans, Y.ŞAHİNER(Öğrenci), 1994

TEZER M., Finite element solution of navier-stekoes equations in terms of velocity and vorticity, Yüksek Lisans, R.Seyedi(Öğrenci), 1993

TEZER M., Finite element solution of Navier-stokes equations in terms of velocity and vorticity, Yüksek Lisans, R.SEYEDİ(Öğrenci), 1993

TEZER M., Numerical solutions for the navier-stokes equations in primitive variables using finite-difference method, Yüksek Lisans, R.OMARİ(Öğrenci), 1990

TEZER M., Finite element penalty solution of the stokes equations, Yüksek Lisans, R.EİD(Öğrenci), 1988

TEZER M., Finite element solution of magnetohydrodynamic flow equations, Yüksek Lisans, S.KÖKSAL(Öğrenci), 1987

TEZER M., A Penalty finite element method for the solution of navier stokes equations, Yüksek Lisans, T.OMAR(Öğrenci), 1987

TEZER M., A penalty finite element method for the solution of Navier-Stokes equations, Yüksek Lisans, T.Omar(Öğrenci), 1987

Jüri Üyelikleri

Tez Savunma (Doktora), Tez Savunma (Doktora), Muğla Sıtkı Koçman Üniversitesi, Haziran, 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **On the BEM solution of convection-diffusion type equations involving variable convective coefficients**
Fendoğlu H., BOZKAYA C., TEZER M.
Fluid Dynamics Research, cilt.56, sa.3, 2024 (SCI-Expanded)
- II. **Time dependent magnetic field effects on the MHD flow and heat transfer in a rectangular duct**
TEZER M., TÜRK Ö.
ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, cilt.104, sa.5, 2024 (SCI-Expanded)
- III. **Optimal placement of the multiple magnetic sources for the MHD flow in a rectangular duct**
Evcin C., Uğur Ö., Tezer M.
Optimization and Engineering, cilt.24, sa.4, ss.2855-2885, 2023 (SCI-Expanded)
- IV. **DRBEM solution of singularly perturbed coupled MHD flow equations**
ARSLAN ÖLÇER S., TEZER M.
Engineering Analysis with Boundary Elements, cilt.155, ss.696-706, 2023 (SCI-Expanded)
- V. **Stabilized FEM solution of MHD duct flow with conducting cracks in the insulation**
TEZER M., AYDIN S. T.
Journal of Computational and Applied Mathematics, cilt.423, 2023 (SCI-Expanded)
- VI. **Convergence, stability, and numerical solution of unsteady free convection magnetohydrodynamical flow between two slipping plates**
Arslan S., Tezer-Sezgin M.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.45, sa.1, ss.21-35, 2022 (SCI-Expanded)
- VII. **Electrically Conducting Fluid Flow and Electric Potential in a Square Cavity Subjected to a Point Magnetic Source**

ŞENEL P., TEZER M.

International Journal of Computational Fluid Dynamics, cilt.36, sa.5, ss.424-439, 2022 (SCI-Expanded)

- VIII. **Time varying control of magnetohydrodynamic duct flow**
Evcin C., UĞUR Ö., Tezer-Sezgin M.
European Journal of Mechanics, B/Fluids, cilt.89, ss.100-114, 2021 (SCI-Expanded)
- IX. **DRBEM Solution of MHD flow in a rectangular duct with time-varied external magnetic field**
EBREN KAYA E., Tezer-Sezgin M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.117, ss.242-250, 2020 (SCI-Expanded)
- X. **Controlling the Power-Law Fluid Flow and Heat Transfer Under the External Magnetic Field Using the Flow Index and the Hartmann Number**
Evcin C., UĞUR Ö., Tezer-Sezgin M.
INTERNATIONAL JOURNAL OF COMPUTATIONAL METHODS, cilt.17, sa.3, 2020 (SCI-Expanded)
- XI. **FEM solution of MHD flow in an array of electromagnetically coupled rectangular ducts**
Tezer-Sezgin M., Aydin S. H.
PROGRESS IN COMPUTATIONAL FLUID DYNAMICS, cilt.20, sa.1, ss.40-50, 2020 (SCI-Expanded)
- XII. **DRBEM solution to MHD flow in ducts with thin slipping side walls and separated by conducting thick Hartmann walls**
Senel P., Tezer-Sezgin M.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, cilt.78, sa.9, ss.3165-3174, 2019 (SCI-Expanded)
- XIII. **Exact and FDM solutions of 1D MHD flow between parallel electrically conducting and slipping plates**
Arslan S., Tezer-Sezgin M.
ADVANCES IN COMPUTATIONAL MATHEMATICS, cilt.45, sa.4, ss.1923-1938, 2019 (SCI-Expanded)
- XIV. **Stabilizing subgrid FEM solution of the natural convection flow under high magnitude magnetic field on sinusoidal corrugated enclosure**
AYDIN S. H., Tezer-Sezgin M.
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, cilt.97, ss.420-430, 2019 (SCI-Expanded)
- XV. **Semi-analytical solution of MHD flow through boundary integrals on the pipe wall**
Tezer-Sezgin M., Bozkaya C.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.42, sa.7, ss.2404-2416, 2019 (SCI-Expanded)
- XVI. **MHD flow in a rectangular duct with a perturbed boundary**
Fendoglu H., Bozkaya C., Tezer-Sezgin M.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, cilt.77, sa.2, ss.374-388, 2019 (SCI-Expanded)
- XVII. **NUMERICAL STABILITY OF RBF APPROXIMATION FOR UNSTEADY MHD FLOW EQUATIONS**
Gurbuz M., Tezer-Sezgin M.
APPLIED AND COMPUTATIONAL MATHEMATICS, cilt.18, sa.2, ss.123-134, 2019 (SCI-Expanded)
- XVIII. **Determining the optimal parameters for the MHD flow and heat transfer with variable viscosity and Hall effect**
Evcin C., Uğur Ö., Tezer-Sezgin M.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, cilt.76, ss.1338-1355, 2018 (SCI-Expanded)
- XIX. **DBEM and DRBEM solutions to 2D transient convection-diffusion-reaction type equations**
Fendoglu H., BOZKAYA C., Tezer-Sezgin M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.93, ss.124-134, 2018 (SCI-Expanded)
- XX. **DRBEM solution of the Cauchy MHD duct flow with a slipping perturbed boundary**
Aydin C., Tezer-Sezgin M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.93, ss.94-104, 2018 (SCI-Expanded)
- XXI. **MHD Stokes flow and heat transfer in a lid-driven square cavity under horizontal magnetic field**
Gurbuz M., Tezer-Sezgin M.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.41, sa.6, ss.2350-2359, 2018 (SCI-Expanded)
- XXII. **Convective Flow of Blood in Square and Circular Cavities**
Senel P., TEZER M.

- ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, cilt.26, sa.2, ss.209-230, 2018 (SCI-Expanded)
- XXIII. **MHD convection flow in a constricted channel**
TEZER M., Gurbuz M.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, cilt.26, sa.2, ss.267-283, 2018 (SCI-Expanded)
- XXIV. **Pipe flow of a magnetizable fluid in rectangular cavities under magnetic sources**
Senel P., TEZER M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.83, ss.55-66, 2017 (SCI-Expanded)
- XXV. **DRBEM solution of biomagnetic fluid flow and heat transfer in cavities-CMMSE2016**
Senel P., TEZER M.
JOURNAL OF MATHEMATICAL CHEMISTRY, cilt.55, sa.7, ss.1407-1426, 2017 (SCI-Expanded)
- XXVI. **FEM solution to natural convection flow of a micropolar nanofluid in the presence of a magnetic field**
Türk Ö., Tezer-Sezgin M.
MECCANICA, cilt.52, ss.889-901, 2017 (SCI-Expanded)
- XXVII. **DRBEM solutions of Stokes and Navier-Stokes equations in cavities under point source magnetic field**
Senel P., TEZER M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.64, ss.158-175, 2016 (SCI-Expanded)
- XXVIII. **DRBEM solution of natural convective heat transfer with a non-Darcy model in a porous medium**
Pekmen B., TEZER M.
JOURNAL OF MATHEMATICAL CHEMISTRY, cilt.53, sa.3, ss.911-924, 2015 (SCI-Expanded)
- XXIX. **DRBEM Solution of MHD Flow with Magnetic Induction and Heat Transfer**
Pekmen B., Tezer-Sezgin M.
CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, cilt.105, sa.3, ss.183-207, 2015 (SCI-Expanded)
- XXX. **Free-Space Fundamental Solution of a 2D Steady Slow Viscous MHD Flow**
Sellier A., AYDIN S. H., Tezer-Sezgin M.
CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, cilt.102, sa.5, ss.393-406, 2014 (SCI-Expanded)
- XXXI. **A FEM approach to biomagnetic fluid flow in multiple stenosed channels**
Turk Ö., Bozkaya C., Tezer M.
COMPUTERS & FLUIDS, cilt.97, ss.40-51, 2014 (SCI-Expanded)
- XXXII. **Numerical solution of buoyancy MHD flow with magnetic potential**
Pekmen B., TEZER M.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, cilt.71, ss.172-182, 2014 (SCI-Expanded)
- XXXIII. **DRBEM solution of mixed convection flow of nanofluids in enclosures with moving walls**
Gumgum S., TEZER M.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.259, ss.730-740, 2014 (SCI-Expanded)
- XXXIV. **A DRBEM solution for MHD pipe flow in a conducting medium**
AYDIN S. H., TEZER M.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.259, ss.720-729, 2014 (SCI-Expanded)
- XXXV. **Finite element study of biomagnetic fluid flow in a symmetrically stenosed channel**
Turk Ö., Tezer M., Bozkaya C.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.259, ss.760-770, 2014 (SCI-Expanded)
- XXXVI. **MHD flow and heat transfer in a lid-driven porous enclosure**
Pekmen B., TEZER M.
COMPUTERS & FLUIDS, cilt.89, ss.191-199, 2014 (SCI-Expanded)
- XXXVII. **DRBEM Solution of Incompressible MHD Flow with Magnetic Potential**
Pekmen B., Tezer-Sezgin M.
CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, cilt.96, sa.4, ss.275-292, 2013 (SCI-Expanded)
- XXXVIII. **BEM and FEM based numerical simulations for biomagnetic fluid flow**

- Tezer M., Bozkaya C., Turk Ö.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.37, sa.9, ss.1127-1135, 2013 (SCI-Expanded)
- XXXIX. **Chebyshev Spectral Collocation Method for Unsteady Mhd Flow and Heat Transfer of a Dusty Fluid Between Parallel Plates**
Turk Ö., Tezer-Sezgin M.
NUMERICAL HEAT TRANSFER PART A-APPLICATIONS, cilt.64, sa.7, ss.597-610, 2013 (SCI-Expanded)
- XL. **BEM solution of MHD flow in a pipe coupled with magnetic induction of exterior region**
TEZER M., AYDIN S. H.
COMPUTING, cilt.95, sa.1, 2013 (SCI-Expanded)
- XLI. **DRBEM solution of the thermo-solutal buoyancy induced mixed convection flow problems**
Alsoy-Akgun N., TEZER M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.37, sa.3, ss.513-526, 2013 (SCI-Expanded)
- XLII. **FEM solution of natural convection flow in square enclosures under magnetic field**
Turk Ö., Tezer-Sezgin M.
INTERNATIONAL JOURNAL OF NUMERICAL METHODS FOR HEAT & FLUID FLOW, cilt.23, sa.5, ss.844-866, 2013 (SCI-Expanded)
- XLIII. **DRBEM solution of free convection in porous enclosures under the effect of a magnetic field**
Pekmen B., TEZER M.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, cilt.56, ss.454-468, 2013 (SCI-Expanded)
- XLIV. **DRBEM and DQM solutions of natural convection flow in a cavity under a magnetic field**
Alsoy-Akgun N., TEZER M.
PROGRESS IN COMPUTATIONAL FLUID DYNAMICS, cilt.13, sa.5, ss.270-284, 2013 (SCI-Expanded)
- XLV. **BEM solution to magneto hydrodynamic flow in a semi-infinite duct**
BOZKAYA C., Tezer-Sezgin M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.70, sa.3, ss.300-312, 2012 (SCI-Expanded)
- XLVI. **A direct BEM solution to MHD flow in electro dynamically coupled rectangular channels**
BOZKAYA C., TEZER M.
COMPUTERS & FLUIDS, cilt.66, ss.177-182, 2012 (SCI-Expanded)
- XLVII. **Differential quadrature solution of nonlinear Klein-Gordon and sine-Gordon equations**
Pekmen B., TEZER M.
COMPUTER PHYSICS COMMUNICATIONS, cilt.183, sa.8, ss.1702-1713, 2012 (SCI-Expanded)
- XLVIII. **A numerical solution of the steady MHD flow through infinite strips with BEM**
BOZKAYA C., TEZER M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.36, sa.4, ss.591-599, 2012 (SCI-Expanded)
- XLIX. **Differential Quadrature Solution of Hyperbolic Telegraph Equation**
Pekmen B., Tezer-Sezgin M.
JOURNAL OF APPLIED MATHEMATICS, 2012 (SCI-Expanded)
- L. **The DRBEM solution of incompressible MHD flow equations**
Bozkaya N., TEZER M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.67, sa.10, ss.1264-1282, 2011 (SCI-Expanded)
- LI. **The comparison between the DRBEM and DQM solution of nonlinear reaction-diffusion equation**
MERAL G., TEZER M.
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, cilt.16, sa.10, ss.3990-4005, 2011 (SCI-Expanded)
- LII. **The differential quadrature solution of nonlinear reaction-diffusion and wave equations using several time-integration schemes**
Meral G., TEZER M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN BIOMEDICAL ENGINEERING, cilt.27, sa.4, ss.485-497, 2011 (SCI-Expanded)
- LIII. **DRBEM solution of natural convection flow of nanofluids with a heat source**

- Gumgum S., Tezer-Sezgin M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.34, sa.8, ss.727-737, 2010 (SCI-Expanded)
- LIV. **DRBEM solution of exterior nonlinear wave problem using FDM and LSM time integrations**
Meral G., Tezer-Sezgin M.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.34, sa.6, ss.574-580, 2010 (SCI-Expanded)
- LV. **Two-level finite element method with a stabilizing subgrid for the incompressible MHD equations**
AYDIN BAYRAM S., Nesliturk A. I., Tezer-Sezgin M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.62, sa.2, ss.188-210, 2010 (SCI-Expanded)
- LVI. **DRBEM SOLUTION OF THE NATURAL CONVECTIVE FLOW OF MICROPOLAR FLUIDS**
Gumgum S., TEZER M.
NUMERICAL HEAT TRANSFER PART A-APPLICATIONS, cilt.57, sa.10, ss.777-798, 2010 (SCI-Expanded)
- LVII. **The boundary element solution of the magnetohydrodynamic flow in an infinite region**
TEZER M., BOZKAYA C.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.225, sa.2, ss.510-521, 2009 (SCI-Expanded)
- LVIII. **Solution to transient Navier-Stokes equations by the coupling of differential quadrature time integration scheme with dual reciprocity boundary element method**
BOZKAYA C., TEZER M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.59, sa.2, ss.215-234, 2009 (SCI-Expanded)
- LIX. **Differential quadrature solution of nonlinear reaction-diffusion equation with relaxation-type time integration**
Meral G., TEZER M.
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, cilt.86, sa.3, ss.451-463, 2009 (SCI-Expanded)
- LX. **Two-level finite element method with a stabilizing subgrid for the incompressible Navier-Stokes equations**
NESLİTÜRK A. İ., AYDIN BAYRAM S., Tezer-Suzgin M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.58, sa.5, ss.551-572, 2008 (SCI-Expanded)
- LXI. **Time-domain BEM solution of convection-diffusion-type MHD equations**
Bozkaya N., Tezer-Sezgin M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.56, sa.11, ss.1969-1991, 2008 (SCI-Expanded)
- LXII. **Boundary element method solution of magnetohydrodynamic flow in a rectangular duct with conducting walls parallel to applied magnetic field**
Tezer-Sezgin M., BOZKAYA C.
COMPUTATIONAL MECHANICS, cilt.41, sa.6, ss.769-775, 2008 (SCI-Expanded)
- LXIII. **Fundamental solution for coupled magnetohydrodynamic flow equations**
Bozkaya C., Tezer-Sezgin M.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.203, sa.1, ss.125-144, 2007 (SCI-Expanded)
- LXIV. **Finite element method solution of electrically driven magnetohydrodynamic flow**
Nesliturk A., Tezer-Sezgin M.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.192, sa.2, ss.339-352, 2006 (SCI-Expanded)
- LXV. **Boundary element solution of unsteady magnetohydrodynamic duct flow with differential quadrature time integration scheme**
Bozkaya C., Tezer-Sezgin M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.51, sa.5, ss.567-584, 2006 (SCI-Expanded)
- LXVI. **Solution of magnetohydrodynamic flow problems using the boundary element method**
Tezer-Sugin M., Aydin S. H.
ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, cilt.30, sa.5, ss.411-418, 2006 (SCI-Expanded)
- LXVII. **The finite element method for MHD flow at high Hartmann numbers**
Nesliturk A., Tezer-Sezain M.
COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING, cilt.194, ss.1201-1224, 2005 (SCI-Expanded)
- LXVIII. **Solution of magnetohydrodynamic flow in a rectangular duct by differential quadrature method**

- Tezer-Sezgin M.
COMPUTERS & FLUIDS, cilt.33, sa.4, ss.533-547, 2004 (SCI-Expanded)
- LXIX. **Dual reciprocity boundary element method for magnetohydrodynamic flow using radial basis functions**
Tezer-Sezgin M., Aydin S.
INTERNATIONAL JOURNAL OF COMPUTATIONAL FLUID DYNAMICS, cilt.16, sa.1, ss.49-63, 2002 (SCI-Expanded)
- LXX. **BOUNDARY-ELEMENT METHOD SOLUTION OF MHD FLOW IN A RECTANGULAR DUCT**
TEZERSEZGIN M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.18, sa.10, ss.937-952, 1994 (SCI-Expanded)
- LXXI. **ON THE NUMERICAL EVALUATION OF AN OSCILLATING INFINITE SERIES .2.**
SEZGIN M.
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, cilt.33, ss.263-270, 1990 (SCI-Expanded)
- LXXII. **ON THE NUMERICAL EVALUATION OF AN OSCILLATING INFINITE SERIES-III**
SEZGIN M.
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, cilt.35, ss.175-183, 1990 (SCI-Expanded)
- LXXIII. **FINITE-ELEMENT METHOD FOR SOLVING MHD FLOW IN A RECTANGULAR DUCT**
TEZERSEZGIN M., KOKSAL S.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING, cilt.28, sa.2, ss.445-459, 1989 (SCI-Expanded)
- LXXIV. **SOME INFINITE INTEGRALS INVOLVING PRODUCTS OF EXPONENTIAL AND BESSEL-FUNCTIONS**
TEZER M.
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, cilt.28, ss.207-217, 1989 (SCI-Expanded)
- LXXV. **MAGNETOHYDRODYNAMIC FLOW ON A HALF-PLANE**
SEZGIN M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.8, sa.7, ss.743-758, 1988 (SCI-Expanded)
- LXXVI. **MAGNETOHYDRODYNAMIC FLOW IN ELECTRODYNAMICALLY COUPLED RECTANGULAR DUCTS**
SEZGIN M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.8, sa.6, ss.705-722, 1988 (SCI-Expanded)
- LXXVII. **ELECTRICALLY DRIVEN FLOWS IN MHD WITH MIXED ELECTROMAGNETIC BOUNDARY-CONDITIONS**
SEZGIN M., AGGARWALA B., ARIEL P.
ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, cilt.68, sa.7, ss.267-280, 1988 (SCI-Expanded)
- LXXVIII. **SIMULATION OF MHD POWER GENERATOR FLOW USING A SUPERCOMPUTER**
ARIEL P., AGGARWALA B., SEZGIN M.
ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, cilt.68, sa.10, ss.503-511, 1988 (SCI-Expanded)
- LXXIX. **MAGNETOHYDRODYNAMIC FLOW IN A RECTANGULAR DUCT**
SEZGIN M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.7, sa.7, ss.697-718, 1987 (SCI-Expanded)
- LXXX. **MAGNETOHYDRODYNAMIC FLOW IN AN INFINITE CHANNEL**
SEZGIN M.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.6, sa.9, ss.593-609, 1986 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **The Problem Parameters Effects on Transient Behavior of MHD Duct Flow**
Ebren Kaya E., Tezer-Sezgin M.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.27, sa.2, ss.170-180, 2023 (Hakemli Dergi)
- II. **RBF SOLUTION OF MHD STOKES FLOW AND MHD FLOW IN A CONSTRICTED ENCLOSURE**
Gurbuz M., Tezer-Sezgin M.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.11, sa.1, ss.203-215, 2021 (ESCI)
- III. **The BEM Solutions of MHD Flow and Heat Transfer in a Rectangular Duct with Temperature**

Dependent Viscosity

Kaya E. E., TEZER M.

EUROPEAN JOURNAL OF COMPUTATIONAL MECHANICS, cilt.28, sa.1-2, ss.97-121, 2019 (ESCI)

- IV. **Numerical Solution of MHD Incompressible Convection Flow in Channels**
Gurbuz M., TEZER M.
EUROPEAN JOURNAL OF COMPUTATIONAL MECHANICS, cilt.28, sa.5, ss.411-431, 2019 (ESCI)
- V. **Numerical Solution and Stability Analysis of Transient MHD Duct Flow**
Tezer M., Gürbüz M.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.20, ss.53-61, 2018 (Hakemli Dergi)
- VI. **Magnetohydrodynamic pipe flow in annular-like domains**
BOZKAYA C., Tezer-Sezgin M.
EUROPEAN JOURNAL OF COMPUTATIONAL MECHANICS, cilt.26, sa.4, ss.394-410, 2017 (ESCI)
- VII. **International conference on boundary element and meshless techniques XVII**
TEZER M., KARASÖZEN B.
EUROPEAN JOURNAL OF COMPUTATIONAL MECHANICS, cilt.26, sa.4, ss.351-352, 2017 (ESCI)
- VIII. **Natural convection flow of a nanofluid in an enclosure under an inclined uniform magnetic field**
Tezer M., Bozkaya C., Türk Ö.
EUROPEAN JOURNAL OF COMPUTATIONAL MECHANICS, cilt.25, ss.2-23, 2016 (ESCI)
- IX. **MHD Stokes flow in lid-driven cavity and backward-facing step channel**
Gurbuz M., TEZER M.
EUROPEAN JOURNAL OF COMPUTATIONAL MECHANICS, cilt.24, sa.6, ss.279-301, 2015 (ESCI)

Kitap & Kitap Bölümleri

- I. **Numerical Analysis**
Tezer M., Bozkaya C.
ODTÜ Basım İşliği, Ankara, 2018
- II. **DRBEM solution of MHD flow and electric potential in arectangular pipe with a moving Lid**
TEZER M., BOZKAYA C.
Lecture Notes in Computational Science and Engineering Numerical Mathematics and Advanced Applications
ENUMATH 2015, Bülent Karasözen, Murat Manguoglu, Münevver Tezer-Sezgin, Serdar Göktepe, Ömür Ugur, Editör,
Springer, ss.3-11, 2016
- III. **DRBEM Solution of the Double Diffusive Convective Flow**
BOZKAYA C., TEZER M.
Numerical Mathematics and Advanced Applications, Bülent Karasözen, Murat Manguoğlu, Münevver Tezer, Serdar
Göktepe, Ömür Uğur, Editör, Springer, ss.13-21, 2016
- IV. **DRBEM Solution of MHD Flow and Electric Potential in a Rectangular Pipe with a Moving Lid**
TEZER M., BOZKAYA C.
Numerical Mathematics and Advanced Applications ENUMATH 2015, Bülent Karasözen, Murat
Manguoğlu, Münevver Tezer, Serdar Göktepe, Ömür Uğur, Editör, Springer, ss.3-11, 2016
- V. **DRBEM solution of the double diffusive convective flow**
BOZKAYA C., TEZER M.
Lecture Notes in Computational Science and Engineering Numerical Mathematics and Advanced Applications
ENUMATH 2015, Bülent Karasözen, Murat Manguoglu, Münevver Tezer-Sezgin, Serdar Göktepe, Ömür Ugur, Editör,
Springer, ss.13-21, 2016

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **DRBEM solutions of regularly perturbed MHD flow in a rectangular duct with no-slip and**

insulated/conducting walls

Ölçer S., TEZER M.

11th International Conference on Mathematical Modeling in Physical Sciences, IC-MSQUARE 2022, Virtual, Online, Sirbistan, 5 - 08 Eylül 2022, cilt.2872

- II. **A CSCM Approximation of Steady MHD Flow and Heat Transfer Between Parallel Plates with Hydrodynamic Slip and Convective Boundary Conditions**
TEZER M., TÜRK Ö.
European Conference on Numerical Mathematics and Advanced Applications, ENUMATH 2019, Egmond aan Zee, Hollanda, 30 Eylül - 04 Ekim 2019, cilt.139, ss.969-980
- III. **Finite Difference Solutions of 2D Magnetohydrodynamic Channel Flow in a Rectangular Duct**
ARSLAN ÖLÇER S., TEZER M.
European Conference on Numerical Mathematics and Advanced Applications, ENUMATH 2019, Egmond aan Zee, Hollanda, 30 Eylül - 04 Ekim 2019, cilt.139, ss.63-71
- IV. **DRBEM Solution of MHD Flow in an Array of Electromagnetically Coupled Rectangular Ducts**
TEZER M., ŞENEL P.
20th European Conference on Mathematics for Industry (ECMI), Budapest, Macaristan, 18 - 22 Haziran 2018, cilt.30, ss.277-284
- V. **Fdm solution of mhd flow in a rectangular duct with slipping and partly insulated partly conducting side walls**
ARSLAN S., Tezer-Sezgin M.
8th International Conference on Mathematical Modeling in Physical Sciences (ICMSQUARE), Bratislava, Slovakia, 26 - 29 Ağustos 2019, cilt.1391
- VI. **MHD flow in a circular pipe with arbitrarily conducting slipping walls**
Senel P., Tezer-Sezgin M.
7th International Conference on Mathematical Modeling in Physical Sciences, IC-MSQUARE 2018, Moscow, Rusya, 27 - 31 Ağustos 2018, cilt.1141
- VII. **Parameter Identification in MHD Duct Flow Cauchy Problem using the DRBEM**
Tezer-Sezgin M., Aydın C.
7th International Conference on Mathematical Modeling in Physical Sciences, IC-MSQUARE 2018, Moscow, Rusya, 27 - 31 Ağustos 2018, cilt.1141
- VIII. **The Application of BEM to MHD Flow and Heat Transfer in a Rectangular Duct with Temperature Dependent Viscosity**
Ebren Kaya E., Tezer M.
International Conference on Boundary Element and Meshless Techniques, Malaga, İspanya, 9 - 11 Temmuz 2018, ss.83-89
- IX. **Numerical Modelling of MHD Convection Flow in Cavities**
Gürbüz M., Tezer M.
International Conference on Applied Mathematics in Engineering ICAME-2018, Balıkesir, Türkiye, 27 - 29 Haziran 2018, ss.34
- X. **Stability of Unsteady MHD Flow in a Rectangular Duct**
Tezer M., Gürbüz M.
International Conference on Applied Mathematics in Engineering ICAME-2018, Balıkesir, Türkiye, 27 - 29 Haziran 2018, ss.35
- XI. **The DRBEM slution of the Cauchy MHD Flow in a duct with one of the walls is slipping and variably conducting**
Aydın C., Tezer M.
International Conference on Applied Mathematics in Engineering ICAME-2018, Balıkesir, Türkiye, 27 - 29 Haziran 2018, ss.38
- XII. **MHD flow in a rectangular duct with a perturbed boundary**
Fendoğlu H., Bozkaya C., Tezer M.
Symposium of the International Association for Boundary Element Methods- IABEM 2018, Paris, Fransa, 26 - 28

Haziran 2018, ss.44

- XIII. **Solution of MHD Flow in an Array of Electromagnetically Coupled Rectangular Ducts**
Tezer M., Senel P.
20th European Conference on Mathematics for Industry (ECMI-2018), Budapest, Macaristan, 18 - 22 Haziran 2018, ss.369
- XIV. **Solution of MHD Flow with BEM using Direct Radial Basis Function Interpolation**
Gürbüz M., Tezer M.
20th European Conference on Mathematics for Industry (ECMI-2018), Budapest, Macaristan, 18 - 22 Haziran 2018, ss.370
- XV. **DRBEM Solution to MHD Flow in Ducts with Thin Slipping side Walls and Separated by Conducting Thick walls**
Senel P., Tezer M.
6th European Seminar on Computing-ESCO 2018, Plzen, Çek Cumhuriyeti, 3 - 08 Haziran 2018, ss.153
- XVI. **Finite Difference Solution of 1D Magnetohydrodynamic Channel Flow with Slipping Walls**
Arslan S., Tezer M.
6th European Seminar on Computing-ESCO 2018, Plzen, Çek Cumhuriyeti, 3 - 08 Haziran 2018, ss.9
- XVII. **Optimal Control for the MHD Flow and Heat Transfer with Variable Viscosity in a Square Duct**
Evcin C., Uğur Ö., Tezer M.
6th European Seminar on Computing-ESCO 2018, Plzen, Çek Cumhuriyeti, 3 - 08 Haziran 2018, ss.9
- XVIII. **The stabilized FEM solution of the MHD flow in a rectangular duct with perturbed boundary**
Tezer M., Aydın S. H.
3rd international conference on computational mathematics and engineering sciences (CMES 2018), Girne, Kıbrıs (Kktc), 4 - 06 Mayıs 2018, ss.269
- XIX. **Electrically driven MHD flow between two parallel slipping and partly conducting infinite plates**
TEZER M., ŞENEL P.
ENUMATH 2017, 25 - 29 Eylül 2017
- XX. **DRBEM solution of MHD flow in pipes with partly insulated partly perfectly conducting slipping walls**
ŞENEL P., TEZER M.
ACOMEN 2017, 18 - 22 Eylül 2017
- XXI. **DRBEM solutions of the direct and inverse formulations of cauchy problem for the magnetohydrodynamic duct flow**
AYDIN C., TEZER M.
CMMSE 2017, 4 - 08 Temmuz 2017
- XXII. **Numerical stability of RBF approximation for unsteady MHD flow equations**
gürbüz m., TEZER M.
ICAAMM17, 3 - 07 Temmuz 2017
- XXIII. **MHD duct flow with slipping velocity on the Hartmann and side walls**
ŞENEL P., TEZER M.
EMI 2017 International Conference, 19 - 22 Mart 2017
- XXIV. **FEM solution of MHD flow in rectangular ducts with different wall conductivities and slip conditions**
TEZER M., AYDIN S. H.
2017 EMI International Conference, 19 - 22 Mart 2017
- XXV. **Numerical stability of RBF solution for unsteady full MHD flow equations**
gürbüz m., TEZER M.
International workshop on mathematical methods in engineering, 27 - 29 Nisan 2017
- XXVI. **DRBEM solution of the cauchy problem for MHD rectangular duct flow**
AYDIN C., TEZER M.
International workshop on mathematical methods in engineering, 27 - 29 Nisan 2017
- XXVII. **RBF Solution of Incompressible MHD Convection Flow in a Pipe**
Gürbüz M., TEZER M.

11. Workshop on Mathematical Modeling of Environmental and Life Sciences Problems, Constanta, Romanya, 12 - 16 Ekim 2016, ss.16
- XXVIII. **DRBEM Solution of Biomagnetic Convection Flow in a Rectangular Pipe**
ŞENEL P., TEZER M.
11. Workshop on Mathematical Modeling of Environmental and Life Sciences Problems, Constanta, Romanya, 12 - 16 Ekim 2016, ss.27
- XXIX. **MHD Convection Flow in a Constricted Channel**
TEZER M., Gürbüz M.
11. Workshop on Mathematical Modeling of Environmental and Life Sciences Problems, Constanta, Romanya, 12 - 16 Ekim 2016, ss.28
- XXX. **DRBEM Solution of Biomagnetic Fluid Flow under a Point Source Magnetic Field**
ŞENEL P., TEZER M.
Inter. Conf. on Computational and Mathematical Methods in Science and Engineering, CMMSE 2016, Rota-Cadiz, İspanya, 4 - 08 Temmuz 2016, ss.1172-1183
- XXXI. **Numerical Simulation of MHD Duct flow problems using BEM and DGFEM approaches**
Yücel H., BOZKAYA C., TEZER M.
International Conference on Boundary Element and Meshless Techniques XVII, Ankara, Türkiye, 11 - 13 Temmuz 2016, ss.167-173
- XXXII. **Flow in a square cavity with an obstacle under the influence of a non uniform magnetic field**
ŞENEL P., TEZER M.
International Conference on Boundary Element and Meshless Techniques, Ankara, Türkiye, 11 - 13 Temmuz 2016, ss.139-145
- XXXIII. **Numerical Solution to MHD pipe flow in annular like domains**
BOZKAYA C., TEZER M.
International Conference on Boundary Element and Meshless Techniques XVII, Ankara, Türkiye, 11 - 13 Temmuz 2016, ss.29-34
- XXXIV. **MHD Stokes Flow in a smoothly constricted rectangular enclosure**
Gürbüz M., TEZER M.
International Conference on Boundary Element and Meshless Techniques XVII, Ankara, Türkiye, 11 - 13 Temmuz 2016, ss.73-78
- XXXV. **Boundary integral solution of MHD pipe flow**
TEZER M., BOZKAYA C.
International Conference on Boundary Element and Meshless Techniques XVII, Ankara, Türkiye, 11 - 13 Temmuz 2016, ss.155-160
- XXXVI. **A DRBEM Approach for the STOKES Eigenvalue Problem**
TEZER M., TÜRK Ö.
Inter. Conf. on Computational and Mathematical Methods in Science and Engineering, CMMSE 2016, Rota-Cadiz, İspanya, 4 - 08 Temmuz 2016, ss.1210-1219
- XXXVII. **Natural Convection MHD Stokes Flow in a Square Cavity**
Gürbüz M., TEZER M.
Inter. Conf. on Computational and Mathematical Methods in Science and Engineering, CMMSE 2016, Rota-Cadiz, İspanya, 4 - 08 Temmuz 2016, ss.615-623
- XXXVIII. **Stabilized FEM Solution of 2D Steady Slow Viscous MHD Flow of an Unbounded Conducting Liquid About Solid Particles**
TEZER M., AYDIN S. H., Sellier A.
10th Pamir International Conference- Fundamental and Applied MHD, PAMIR 2016, Cagliari, İtalya, 20 - 24 Haziran 2016, ss.22-26
- XXXIX. **BEM Solution of MHD flow in a semi infinite channel with variable wall conductivity**
TEZER M., BOZKAYA C.
International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2016), Muğla, Türkiye, 19 - 23 Mayıs 2016

- XL. BEM Solution of MHD Flow in a Semi Infinite Channel with Variable Wall Conductivity**
TEZER M., BOZKAYA C.
ICRAPAM 2016, Bodrum-Turgutreis, Türkiye, 19 - 23 Mayıs 2016, ss.192
- XLI. Semi theoretical solution of outer Neumann problem coupled with inner Dirichlet problem for MHD circular pipe flow**
TEZER M.
The First Romanian-Turkish Mathematics Colloquium, Constanta, Romanya, 14 - 18 Ekim 2015, ss.8
- XLII. DRBEM Solution of MHD Flow and Electric Potential in a Rectangular Pipe with a Moving Lid**
TEZER M., BOZKAYA C.
European Conference on Numerical Mathematics and Advanced Applications (ENUMATH), Ankara, Türkiye, 14 - 18 Eylül 2015, cilt.112, ss.3-11
- XLIII. DRBEM Solution of the Double Diffusive Convective Flow**
BOZKAYA C., TEZER M.
European Conference on Numerical Mathematics and Advanced Applications (ENUMATH), Ankara, Türkiye, 14 - 18 Eylül 2015, cilt.112, ss.13-21
- XLIV. DRBEM solution of the double diffusive donvective flow**
BOZKAYA C., TEZER M.
European Conference on Numerical Mathematics and Advanced Applications-ENUMATH-2015, Ankara, Türkiye, 14 - 18 Eylül 2015
- XLV. A new boundary approach for the 2D viscous MHD flow about a solid particle**
Antonie S., AYDIN S. H., TEZER M.
ENUMATH 2015 European Conference on Numerical Mathematics and Advanced Applications, Ankara, Türkiye, 14 - 18 Eylül 2015, ss.95
- XLVI. DRBEM solution of natural convection flow of micropolar nanofluids**
GÜMGÜM S., TEZER M.
Tenth UK Conference on Boundary Integral Methods, Brighton, Birleşik Krallık, 13 - 14 Temmuz 2015, ss.159-168
- XLVII. Lid driven cavity and backward facing step Stokes flow under an applied magnetic field**
Merve G., TEZER M.
Tenth UK Conference on Boundary Integral Methods, Brighton, Birleşik Krallık, 13 - 14 Temmuz 2015, ss.66-75
- XLVIII. Flow in a rectangular duct under the influence of the magnetic field**
ŞENEL P., TEZER M.
Tenth UK Conference on Boundary Integral Methods, Brighton, Birleşik Krallık, 13 - 14 Temmuz 2015, ss.179-188
- XLIX. Stokes Flow in a lid driven rectangular duct under the influence of a point source magnetic field**
ŞENEL P., TEZER M.
Advances in Boundary eLEMENT & mESHLESS tECHNİQUES xvi, Valencia, İspanya, 6 - 08 Temmuz 2015, cilt.16, ss.85-90
- L. Two dimensional Stokes Flow of an electrically conducting fluid in a channel under uniform magnetic field**
Merve G., TEZER M.
Advances in Boundary Element & Meshless Techniques XVI, Valencia, İspanya, 6 - 08 Temmuz 2015, cilt.16, ss.126-131
- LI. A new BEM approach for the slow 2D MHD flow about interacting solid particles**
Antonie S., Selçuk H. A., TEZER M.
Advances in Boundary Element & Meshless Techniques XVI, Valencia, İspanya, 6 - 08 Temmuz 2015, cilt.16, ss.67-72
- LII. Natural Convection Flow of a nanofluid in an Enclosure under a uniform magnetic field**
TEZER M., BOZKAYA C., TÜRK Ö.
Advances in Boundary Element & and Meshless Techniques XVI, Valencia, İspanya, 6 - 08 Temmuz 2015, cilt.16, ss.138-143
- LIII. Çember Üzerinde Sınır Koşulları ile Bağlı Dış Neumann ve İç Dirichlet MHD Kanal Akış Probleminin Çözümü**

TEZER M.

10. Ankara Matematik Günleri, Ankara, Türkiye, 11 - 12 Haziran 2015

LIV. **MHD flow in rectangular ducts of partly conducting walls under an inclined magnetic field**

BOZKAYA C., TEZER M.

Advances in Boundary Element & Meshless Techniques XV-BETEQ 2014, Floransa, İtalya, 15 - 17 Temmuz 2014, ss.115-120

LV. **Biomagnetic fluid flow in a channel under the effect of a uniform localized magnetic field**

TÜRK Ö., BOZKAYA C., TEZER M.

Advances in Boundary Element and Meshless Techniques XV, İtalya, 15 - 17 Temmuz 2014, ss.81-86

LVI. **Biofluidflow in a channel with stenosis**

TÜRK Ö., TEZER M., BOZKAYA C.

International Conference on Applied and Computational Mathematics, Ankara, Türkiye, 3 - 06 Ekim 2012, ss.87-88

LVII. **DRBEM Solution for Unsteady Natural Convection Flow in Primitive Variables with Fractional Step Time Advancement**

Sariaydin A., Tezer-Sezgin M.

9th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences, Vienna, Avusturya, 10 - 14 Temmuz 2012, cilt.1493, ss.871-877

LVIII. **FEM solution to unsteady biomagnetic fluid flow in a channel**

TEZER M., TÜRK Ö., BOZKAYA C.

Mathematical Modeling and Computational Topics in Biosciences, Vietri sul Mare, İtalya, 4 - 08 Haziran 2012, ss.163-164

LIX. **Solution of Navier-Stokes Equations Using FEM with Stabilizing Subgrid**

TEZER M., AYDIN BAYRAM S., NESLİTÜRK A. İ.

8th European Conference on Numerical Mathematics and Advanced Applications (ENUMATH 2009), Uppsala, İsveç, 29 Haziran - 03 Temmuz 2009, ss.875-882

LX. **FEM Solution of Diffusion-Convection-Reaction Equations in Air Pollution**

TÜRK Ö., TEZER M.

European Conference on Numerical Mathematics and Advanced Applications, ENUMATH 2009, Uppsala, İsveç, 29 Haziran - 03 Temmuz 2009, ss.275

LXI. **Numerical solution of magnetohydrodynamic flow problems using the boundary element method**

Tezer-Sezgin M., Aydin S.

27th World Conference on Boundary Elements and Other Mesh Reduction Methods, Florida, Amerika Birleşik Devletleri, 15 - 18 Mart 2005, cilt.39, ss.453-461

Desteklenen Projeler

BOZKAYA C., TEZER M., FENDOĞLU H., Yükseköğretim Kurumları Destekli Proje, Zamana bağlı magnetohidrodinamik akış probleminin pertürbe edilmiş sınıra sahip dikdörtgen kanal kesitinde sınır elemanları metodu ile çözümü, 2018 - 2019

TEZER M., BOZKAYA C., Yükseköğretim Kurumları Destekli Proje, Silindirik kanal içerisinde magnetohidrodinamik akış probleminin teorik çözümü ve nümerik simülasyonu, 2016 - 2016

TEZER M., ŞENEL P., Yükseköğretim Kurumları Destekli Proje, Magnetohidrodinamik (MHD)-Stokes Akışın Karşılıklı Sınır Elemanları Metodu (DRBEM) ile Nümerik Çözümü, 2015 - 2015

TEZER M., GÜRBÜZ M., Yükseköğretim Kurumları Destekli Proje, Radyal Baz Fonksiyonları Yaklaşımı ile Manyetik Akış ve Elektrik Potansiyel Denklemlerinin Çözümü, 2015 - 2015

TEZER M., Pekmen B., Yükseköğretim Kurumları Destekli Proje, Manyetik Potansiyel İçeren Manyeto-Konveksiyon Akışın Karşılıklı Sınır Elemanları Metodu ile Çözümü, 2013 - 2013

TEZER M., TÜRK Ö., Yükseköğretim Kurumları Destekli Proje, İçinde Parçacıklar Bulunduran Sıvıların Zamana Bağımlı Magnetohidrodinamik Akışı Ve Isı Transferi, 2011 - 2011

TEZER M., Yükseköğretim Kurumları Destekli Proje, Magnetohydrodynamic Flow İn An Electrodynamically Conducting Semi-Infinite Strip, 2011 - 2011

TEZER M., TÜRK Ö., Yükseköğretim Kurumları Destekli Proje, Numerical Solution Of Liquid Metal Magnetohydrodynamics(mhd) Flow With Heat Transfer., 2010 - 2010

Bilimsel Kuruluşlardaki Üyelikler / Görevler

Türk Kadın Matematikçiler Derneği, Bilim Kurulu Üyesi, 2012 - Devam Ediyor

Metrikler

Yayın: 157

Atıf (WoS): 987

Atıf (Scopus): 1090

H-İndeks (WoS): 18

H-İndeks (Scopus): 18

Kongre ve Sempozyum Katılımı Faaliyetleri

7th International Conference on Mathematical Modeling in Physical Sciences, IC-MSQUARE, Çalışma Grubu, Moscow, Rusya, 2018

20th European Conference on Mathematics for Industry (ECMI-2018), Çalışma Grubu, Budapest, Macaristan, 2018

International Conference on Applied Mathematics in Engineering ICAME-2018, Çalışma Grubu, Balıkesir, Türkiye, 2018

3rd international conference on computational mathematics and engineering sciences (CMES 2018), Çalışma Grubu, Girne, Kıbrıs (Kkctc), 2018

Davetli Konuşmalar

Recent Developments and Applications of Numerical Analysis, Seminer, Muğla Sıtkı Koçman Üniversitesi, Türkiye, Mayıs 2018

Recent Developments and Applications of Numerical Analysis, Seminer, İzmir Ekonomi Üniversitesi, Türkiye, Nisan 2018

Ödüller

Gürbüz M., Tezer M., TÜBİTAK ULAKBİM YAYIN TEŞVİK Makale Ödülü, Tübitak , Aralık 2018

Aydın C., Tezer M., TÜBİTAK ULAKBİM YAYIN TEŞVİK Makale Ödülü, Tübitak, Aralık 2018

Evcin C., Uğur Ö., Tezer M., ODTÜ Geliştirme Vakfı Makale Ödülü, Odtü Geliştirme Vakfı, Eylül 2018

Bozkaya C., Tezer M., Fendoğlu H., ODTU Gelistirme Vakfı Makale Odulu, Odtu Gelistirme Vakfı, Haziran 2018

Aydın C., Tezer M., ODTÜ Geliştirme Vakfı Makale Ödülü, Odtü Gelistirme Vakfı, Mayıs 2018

Akademi Dışı Deneyim

University of Victoria, Victoria, CANADA

İhsan Doğramacı Bilkent Üniversitesi

University of Darmstadt, Darmstadt, Germany