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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

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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
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- TEZER M., New fast algorithms for polynomial interpolation and evaluation on the chebyshev node set, Yüksek Lisans,

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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.
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- II. **Time dependent magnetic field effects on the MHD flow and heat transfer in a rectangular duct**
TEZER M., TÜRK Ö.
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- III. **Optimal placement of the multiple magnetic sources for the MHD flow in a rectangular duct**
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- IV. **DRBEM solution of singularly perturbed coupled MHD flow equations**
ARSLAN ÖLÇER S., TEZER M.
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- V. **Stabilized FEM solution of MHD duct flow with conducting cracks in the insulation**
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- VI. **Convergence, stability, and numerical solution of unsteady free convection magnetohydrodynamical flow between two slipping plates**
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- VII. **Electrically Conducting Fluid Flow and Electric Potential in a Square Cavity Subjected to a Point Magnetic Source**

ŞENEL P., TEZER M.

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- 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.
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- XV. **Semi-analytical solution of MHD flow through boundary integrals on the pipe wall**
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- XVI. **MHD flow in a rectangular duct with a perturbed boundary**
Fendoglu H., Bozkaya C., Tezer-Sezgin M.
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- XVII. **NUMERICAL STABILITY OF RBF APPROXIMATION FOR UNSTEADY MHD FLOW EQUATIONS**
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- XVIII. **Determining the optimal parameters for the MHD flow and heat transfer with variable viscosity and Hall effect**
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- XXI. **MHD Stokes flow and heat transfer in a lid-driven square cavity under horizontal magnetic field**
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- XXIII. **MHD convection flow in a constricted channel**
TEZER M., Gurbuz M.
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- XXV. **DRBEM solution of biomagnetic fluid flow and heat transfer in cavities-CMMSE2016**
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- XXX. **Free-Space Fundamental Solution of a 2D Steady Slow Viscous MHD Flow**
Sellier A., AYDIN S. H., Tezer-Sezgin M.
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- XXXI. **A FEM approach to biomagnetic fluid flow in multiple stenosed channels**
Turk Ö., Bozkaya C., Tezer M.
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- XXXII. **Numerical solution of buoyancy MHD flow with magnetic potential**
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- 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.
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- XXXV. **Finite element study of biomagnetic fluid flow in a symmetrically stenosed channel**
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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**

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- XXXIX. **Chebyshev Spectral Collocation Method for Unsteady Mhd Flow and Heat Transfer of a Dusty Fluid Between Parallel Plates**
Turk Ö., Tezer-Sezgin M.
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- XL. **BEM solution of MHD flow in a pipe coupled with magnetic induction of exterior region**
TEZER M., AYDIN S. H.
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- XLI. **DRBEM solution of the thermo-solutal buoyancy induced mixed convection flow problems**
Alsoy-Akgun N., TEZER M.
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- XLV. **BEM solution to magneto hydrodynamic flow in a semi-infinite duct**
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- XLVI. **A direct BEM solution to MHD flow in electro dynamically coupled rectangular channels**
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- XLVII. **Differential quadrature solution of nonlinear Klein-Gordon and sine-Gordon equations**
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- XLVIII. **A numerical solution of the steady MHD flow through infinite strips with BEM**
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- XLIX. **Differential Quadrature Solution of Hyperbolic Telegraph Equation**
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- L. **The DRBEM solution of incompressible MHD flow equations**
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- LII. **The differential quadrature solution of nonlinear reaction-diffusion and wave equations using several time-integration schemes**
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- Gumgum S., Tezer-Sezgin M.
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- LIV. **DRBEM solution of exterior nonlinear wave problem using FDM and LSM time integrations**
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- LV. **Two-level finite element method with a stabilizing subgrid for the incompressible MHD equations**
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- LVI. **DRBEM SOLUTION OF THE NATURAL CONVECTIVE FLOW OF MICROPOLAR FLUIDS**
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- LVII. **The boundary element solution of the magnetohydrodynamic flow in an infinite region**
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- LVIII. **Solution to transient Navier-Stokes equations by the coupling of differential quadrature time integration scheme with dual reciprocity boundary element method**
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- LIX. **Differential quadrature solution of nonlinear reaction-diffusion equation with relaxation-type time integration**
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- LX. **Two-level finite element method with a stabilizing subgrid for the incompressible Navier-Stokes equations**
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- LXII. **Boundary element method solution of magnetohydrodynamic flow in a rectangular duct with conducting walls parallel to applied magnetic field**
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- LXV. **Boundary element solution of unsteady magnetohydrodynamic duct flow with differential quadrature time integration scheme**
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- LXVIII. **Solution of magnetohydrodynamic flow in a rectangular duct by differential quadrature method**

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- LXX. **BOUNDARY-ELEMENT METHOD SOLUTION OF MHD FLOW IN A RECTANGULAR DUCT**
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- LXXI. **ON THE NUMERICAL EVALUATION OF AN OSCILLATING INFINITE SERIES .2.**
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Yayın: 157

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Kongre ve Sempozyum Katılımı Faaliyetleri

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