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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

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### Araştırma Alanları

Matematik, Sayısal Analiz, Temel Bilimler

### Akademik Unvanlar / Görevler

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Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1987 - 1993  
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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**  
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- IV. **DRBEM solution of singularly perturbed coupled MHD flow equations**  
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- V. **Stabilized FEM solution of MHD duct flow with conducting cracks in the insulation**  
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- VII. **Electrically Conducting Fluid Flow and Electric Potential in a Square Cavity Subjected to a Point Magnetic Source**

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- XIV. **Stabilizing subgrid FEM solution of the natural convection flow under high magnitude magnetic field on sinusoidal corrugated enclosure**  
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- XXII. **Convective Flow of Blood in Square and Circular Cavities**  
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- XXIX. **DRBEM Solution of MHD Flow with Magnetic Induction and Heat Transfer**  
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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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Gumgum S., TEZER M.  
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- XLI. **DRBEM solution of the thermo-solutal buoyancy induced mixed convection flow problems**  
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- XLIII. **DRBEM solution of free convection in porous enclosures under the effect of a magnetic field**  
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- XLV. **BEM solution to magneto hydrodynamic flow in a semi-infinite duct**  
BOZKAYA C., Tezer-Sezgin M.  
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- L. **The DRBEM solution of incompressible MHD flow equations**  
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- LV. **Two-level finite element method with a stabilizing subgrid for the incompressible MHD equations**  
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- I. **Numerical Analysis**  
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- II. **DRBEM solution of MHD flow and electric potential in arectangular pipe with a moving Lid**  
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### **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**

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- IX. **Numerical Modelling of MHD Convection Flow in Cavities**  
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- XV. **DRBEM Solution to MHD Flow in Ducts with Thin Slipping side Walls and Separated by Conducting Thick walls**  
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- XX. **DRBEM solution of MHD flow in pipes with partly insulated partly perfectly conducting slipping walls**  
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- XXIV. **FEM solution of MHD flow in rectangular ducts with different wall conductivities and slip conditions**  
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- XXXIX. **BEM Solution of MHD flow in a semi infinite channel with variable wall conductivity**  
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## 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

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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

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

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## Bilimsel Kuruluşlardaki Üyelikler / Görevler

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

## Metrikler

Yayın: 156

Atıf (WoS): 984

Atıf (Scopus): 1089

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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 (Kkct), 2018

## Davetli Konuşmalar

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

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