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### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, University of Wales-Bangor University, Birleşik Krallık 1990 - 1994

Yüksek Lisans, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Türkiye 1985 - 1987

Lisans, Ankara Üniversitesi, Fen Fakültesi, Matematik Bölümü, Türkiye 1981 - 1985

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, Studies of B-spline functions, University of Wales-Bangor University, 1994

Yüksek Lisans, Diferensiyel denklemlerin sayısal çözümünde spline fonksiyon uygulamaları, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1987

### Araştırma Alanları

Temel Bilimler, Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Prof. Dr., Eskişehir Osmangazi Üniversitesi, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ, 2016 - Devam Ediyor

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Eskişehir Osmangazi Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2014 - 2016

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Eskişehir Osmangazi Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1998 - 2006

## Verdiği Dersler

Lineer Cebir, Lisans, 2020 - 2021

Algoritma Analizi ve Tasarımı, Yüksek Lisans, 2020 - 2021

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## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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Yagmur N., DAĞ İ., TEMURTAŞ H.  
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- XIX. **Numerical solutions of the Gardner equation by extended form of the cubic B-splines**

- ERSOY HEPSON Ö., KORKMAZ A., Dag İ.  
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- XX. **Simulations of solitary waves of RLW equation by exponential B-spline Galerkin method**  
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- XXII. **Exponential B-Splines for Numerical Solutions to Some Boussinesq Systems for Water Waves**  
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- XXV. **The Exponential Cubic B-Spline Collocation Method for the Kuramoto-Sivashinsky Equation**  
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- XXVI. **TRIGONOMETRIC B-SPLINE COLLOCATION ALGORITHM FOR SOLVING THE RLW EQUATION**  
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- XXXIII. **Numerical solutions of the Kawahara type equations using radial basis functions**  
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- XXXIV. **Taylor collocation method for the numerical solution of the nonlinear Schrodinger equation using quintic B-spline basis**  
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- XL. **Shock wave simulations using Sinc Differential Quadrature Method**  
KORKMAZ A., Dag İ.  
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- XLI. **Taylor-Galerkin method for advection-diffusion equation**  
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- XLV. **Cosine Expansion-Based Differential Quadrature Algorithm for Numerical Solution of the RLW Equation**  
Dag İ., Korkmaz A., SAKA B.  
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- XLVI. **Numerical solution of RLW equation using radial basis functions**  
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- XLIX. Crank-Nicolson - Differential quadrature algorithms for the Kawahara equation**  
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- L. Quartic B-spline Galerkin approach to the numerical solution of the KdVB equation**  
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- LV. A numerical study of the Burgers' equation**  
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- LVI. Three different methods for numerical solution of the EW equation**  
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## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **NUMERICAL SOLUTIONS OF REACTION-DIFFUSION EQUATION SYSTEMS WITH TRIGONOMETRIC**

## QUINTIC B-SPLINE COLLOCATION ALGORITHM

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- II. **Metin Madencilği Yöntemleri ile Twitter Verilerinden Bilgi Keşfi**  
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- I. **Veri Madenciliği ile Hastalık Tespiti Üzerine Yapılan Çalışmaların İncelenmesi**  
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- I. **Least Squares Method for the Numerical Solution of Advection-Diffusion Equation**  
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- II. **Hyperbolic-trigonometric Tension B-spline Galerkin Approach for the Solution of RLW Equation”**  
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- XLV. **Numerical solutions of the Burgers equation using trigonometric B spline galerkin method**  
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- LIII. **Kuintik B spline Galerkin metodu ile KdV denkleminin sayısal çözümü**  
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