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Kurum: İnsan Ve Toplum Bilimleri Fakültesi / Matematik Bölümü / Uygulamalı Matematik
Anabilim Dalı



Uluslararası Araştırmacı ID'leri

YÖKSİS Araştırmacı ID: 109773

Eğitim Bilgileri

I. Iowa State University · Doktora · Yurt Dışı · 2005–2009 · Boundary functions for wavelets and their properties (2005–2009)

II. Iowa State University of Science and Technology · Yüksek Lisans · Yurt Dışı · 2003–2004 (2003–2004)

III. MERSİN ÜNİVERSİTESİ · Lisans · Yurt İçi · 1996–1999 · FEN-EDEBİYAT FAKÜLTESİ · MATEMATİK BÖLÜMÜ (1996–1999)

Araştırma Alanları

Fen Bilimleri ve Matematik Temel Alanı · Matematik · Uygulamalı Matematik

Yönetilen Tezler

I. Üreteç fonksiyonları içeren bazı integral denklemlerin çözümleri üzerine (2023)

II. Uyarlanmış homotopi perturbasyon metodu ile Schlömilch integral denklemlerin çözümlerinin incelenmesi (2018)

III. Waveletlerle integral denklemlerine yaklaşım (2015)

Makaleler

I. An application of generating function for Hermite polynomials (2024)

ALTÜRK AHMET, ATALAR MUSTAFA KEMAL

II. An efficient method for solving Schlömilch-type integral equations (2024)

ALTÜRK AHMET

III. Application of the homotopy perturbation method for weakly singular Volterra integral equations (2024)

ALTÜRK AHMET

IV. The Use of Lavrentiev Regularization Method in Fredholm Integral Equations of the First Kind (2019)

ALTÜRK AHMET, COŞGUN TAHİR

V. On multidimensional Fredholm integral equations of the first kind (2017)

ALTÜRK AHMET

VI. An Application of the Weighted Mean Value Method to Fredholm integral equations with Toeplitz plus Hankel kernels (2017)

ALTÜRK AHMET, ŞAHİN SERPİL

VII. On the Solutions of Schlömilch's Integral Equations (2017)

ALTÜRK AHMET

VIII. A New Modification to Homotopy Perturbation Method for Solving Schlömilch's integral equation (2017)

ALTÜRK AHMET, Arabacıoğlu Hüya Z

IX. The Regularization-Homotopy Method for the Two-Dimensional Fredholm Integral Equations of the First Kind (2016)

ALTÜRK AHMET

X. Application of the Bernstein polynomials for solving Volterra integral equations with convolution kernels (2016)

ALTÜRK AHMET

XI. Numerical solution of linear and nonlinear Fredholm integral equations by using weighted mean-value theorem (2016)

ALTÜRK AHMET

XII. Construction of Multiwavelets on an Interval (2013)

ALTÜRK AHMET, Keinert Fritz

XIII. Regularity of boundary wavelets (2012)

ALTÜRK AHMET,Keinert Fritz

Bildiriler

I. Boundary functions for biorthogonal wavelets and their properties (2019)

ALTÜRK AHMET,Keinert Fritz

II. On the Use of Bernstein Polynomials for Solving Integral Equations (2018)

ALTÜRK AHMET

III. On the Solutions of Fredholm Integral Equations with General Kernels (2018)

ALTÜRK AHMET,COŞGUN TAHİR

IV. A New Modification to Homotopy Perturbation Method for Solving Schlömilch's Integral Equations (2017)

Arabacıoğlu Z Hülya,ALTÜRK AHMET

V. On the Solution of Fredholm İntegral Equation of the First Kind (2017)

ALTÜRK AHMET,COŞGUN TAHİR

VI. On Fredholm Integral Equations with Separable Kernels (2017)

ALTÜRK AHMET,COŞGUN TAHİR

VII. An Application of the Weighted Mean Value Method to Multidimensional Fredholm Integral Equations (2017)

ALTÜRK AHMET

VIII. An Application of the Regularization Homotopy Method (2016)

ALTÜRK AHMET

IX. MATLAB'a giriş ve Wavelets üzerine uygulamalar (2016)

ALTÜRK AHMET

X. An approximation to the Solutions of Volterra integral equations of the second kind by using Harmonic wavelets (2015)

COŞGUN TAHİR,ALTÜRK AHMET

XI. Application of the Bernstein Polynomials for Solving Volterra Integral Equations with Convolution Kernels (2015)

ALTÜRK AHMET

XII. Birinci Tip Fredholm İntegral Denklemlerinin Tikhonov un Regülerizasyon Metodu İle Çözümüne Yeni Bir Yaklaşım (2014)

COŞGUN TAHİR,ALTÜRK AHMET

XIII. Regularity Properties of Boundary Wavelets (2010)

Keinert Fritz,ALTÜRK AHMET

XIV. Construction of Boundary Wavelets (2010)

ALTÜRK AHMET,Keinert Fritz

Projeler

I. Homotopi Analiz Yöntemi ve Uygulamaları Üzerine (2018)

SERPİL ŞAHİN, TUNCAY TUNÇ, AHMET ALTÜRK

II. FMB-BAP 17-0253 Genel Çekirdekli 1.Tip Fredholm İntegral Denklemlerinin Çözümleri Üzerine Bir Yaklaşım (2017)

TAHİR COŞGUN, AHMET ALTÜRK

III. FMB-BAP 16-0222 İntegral Denklemlerin Çözümlerine Non-Uniform Haar Dalgacıklarıyla Nümerik Yaklaşım (2016)

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IV. FMB-BAP 14-088 Abel İntegral Denkleminin Hermite Polinomları ve Kesirli Analiz Yardımı ile Nümerik Çözümü (2014)

TAHİR COŞGUN, AHMET ALTÜRK

Başarılar & Ödüller

I. Robert J. Lambert Teaching Excellence (2009)

II. Iowa State University Teaching Excellence (2008)