

Lect. PhD Kerem Yamaç

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Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2011 - 2019

Post Graduate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Matematik-Uygulamalı Matematik, Turkey 1993 - 1996

Under Graduate, Ankara University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri Bölümü Astronomi-Matematik Programı , Turkey 1988 - 1993

Foreign Languages

English, B1 Intermediate

Dissertations

Post Graduate, İki Diferensiyel Denklemlerin Çözümlerinin Davranışları Üzerine, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Matematik-Uygulamalı Matematik, 1996

Research Areas

Mathematics, Differential Equations, Numerical Analysis, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Van Yüzüncü Yil University, Eğitim Fakültesi, İlköğretim Matematik Öğretmenliği, 2012 - Continues

Assistant Professor, Kafkas University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2003 - 2008

Research Assistant PhD, Kafkas University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2001 - 2003

Research Assistant, Selcuk University, Fen Edebiyat Fakültesi, Matematik Bölümü, 1997 - 2001

Research Assistant, Kafkas University, Fen Edebiyat Fakültesi, Matematik Bölümü, 1994 - 1997

Articles Published in Other Journals

I. A Numerical Scheme For Semilinear Singularly Perturbed Reaction-Diffusion Problems

Yamaç K., Erdoğan F.

Applied Mathematics and Nonlinear Sciences, vol.5, no.1, pp.405-412, 2020 (Journal Indexed in ESCI)

II. ON EV-DEGREE AND VE-DEGREE BASED TOPOLOGICAL PROPERTIES OF THE SIERPINSKI GASKET

FRACTAL

Yamaç K., Cancan M.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.37, no.4, pp.1271-1276, 2019 (Journal Indexed in ESCI)

III. İLKÖĞRETİM 7. SINIF ÖĞRENCİLERİNDE DOĞRUSAL DENKLEMLER KONUSUNDAKİ KAVRAM YANILGILARI VE GÜÇLÜKLERİN GÖZLENME SIKLIĞI (VAN İLİ ÖRNEĞİ)

Cancan M., Kalaç S., Bilgin E. A. , Yamaç K.

Turkish Studies Educational Sciences, vol.14, no.4, pp.1169-1188, 2019 (Refereed Journals of Other Institutions)

IV. ANGULAR GEOMETRIC INDICES

Aldemir M. Ş. , Ediz S., Yamaç K.

MATI, vol.1, no.2, pp.52-57, 2019 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Uniformly Convergence of Singularly Perturbed Reaction-Diffusion Problems on Shishkin Mesh

Yamaç K., Erdoğan F.

International Conference on Data Science, Machine Learning and Statistics - 2019 (DMS-2019), Van, Turkey, 26 - 29 June 2019, pp.81

II. A NUMERICAL SCHEME FOR NONLINEAR SINGULARLY PERTURBED REACTION-DIFUSSION

Yamaç K., Erdoğan F.

4th International Conference on Computational Mathematics and Engineering Sciences, Antalya, Turkey, 20 - 22 May 2019, pp.60

III. An Exponential Fitted Method for Singularly Perturbed Reaction-Diffusion Equations

Erdoğan F., Yamaç K., Sakar M. G.

International Conference on Pure and Applied Mathematics (ICPAM), Van, Turkey, 25 - 28 August 2015, pp.61

IV. A Fitted Numerov Method for Singularly Perturbed Reaction-Diffusion Equations

Erdoğan F., Yamaç K., Sakar M. G.

International Conference on Pure and Applied Mathematics (ICPAM), Van, Turkey, 25 - 28 August 2015, pp.60

V. On Order of Convergence of the Finite Differences Approximation of optimal Control Problem for a Linear Quasi-Optics Equation

Yagubov G., Yamaç K.

XVII. ULUSAL MATEMATİK SEMPOZYUMU, Bolu, Turkey, 23 - 26 August 2004, pp.211-221

VI. The finite differences approximations of identification problem for the equation of quasi-optics

Yagubov G., Yamaç K.

The International Conference on Inverse Problems : Modeling and Simulation, Muğla, Turkey, 7 - 12 June 2004, pp.150

Supported Projects

Erdoğan F., Yamaç K., Project Supported by Higher Education Institutions, Belirli Singüler Pertürbe Özellikli Reaksiyon-Difüzyon Problem Sınıfının Nümerik Çözümleri, 2017 - 2020

Citations

Total Citations (WOS):1

h-index (WOS):1

Non Academic Experience

Other Public Institution, Bitlis Belediyesi

Other Public Institution, Türkiye İstatistik Kurumu