

Asst. Prof. FATMA TOYOĞLU

Personal Information

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Education Information

Doctorate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 2004 - 2012

Under Graduate, Atatürk Üniversitesi, Fen Edebiyat Fakültesi, Matematik, Turkey 1999 - 2004

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, İki Boyutlu Schrödinger Denklemi İçin Optimal Kontrol Problemleri ve Onların Nümerik Çözümü, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2012

Research Areas

Mathematics, Differential Equations, Optimization, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2018 - Continues

Assistant Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2012 - 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

I. **An optimal control problem for two-dimensional Schrodinger equation**

Yagubov G., Toyoglu F., SUBAŞI M.

APPLIED MATHEMATICS AND COMPUTATION, vol.218, no.11, pp.6177-6187, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **On the Solution of a Optimal Control Problem for a Hyperbolic System**

TOYOĞLU F.

Applied and Computational Mathematics, vol.7, no.3, pp.75-82, 2018 (Refereed Journals of Other Institutions)

II. **Numerical Solution of an Optimal Control Problem Governed by Two Dimensional Schrodinger**

Equation

TOYOĞLU F., YAGUBOV G. Y.

Applied and Computational Mathematics, vol.4, no.2, pp.30-38, 2015 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **On an Optimal Boundary Control Problem for a Parabolic System**
ŞENER S. Ş., SARAÇ Y., TOYOĞLU F.
International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2017), İstanbul, Turkey, 3 - 07 July 2017, pp.99
- II. **NUMERICAL SOLUTION OF AN OPTIMAL CONTROL PROBLEM GOVERNED BY TWO DIMENSIONAL SCHRODINGER EQUATION**
YAGUB G., TOYOĞLU F.
IECMSA-2013, 26 - 29 August 2013
- III. **Numerical Solution of An Optimal Control Problem Governed by Two Dimensional Schrodinger Equation**
TOYOĞLU F., Yagubov G.
II. International Eurasian Conference on Mathematical Sciences and Applications, Sarajevo, Bosnia And Herzegovina, 26 - 29 August 2013, pp.165

Citations

Total Citations (WOS):6

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