

## Asst. Prof. SERPİL USLU

### Personal Information

**Office Phone:** [+90 021 238 3707](tel:+900212383707) Extension: 04322

**Fax Phone:** [+90 0212 383 4011](tel:+9002123834011)

**Email:** [uslu@yildiz.edu.tr](mailto:uslu@yildiz.edu.tr)

**Web:** <https://avesis.yildiz.edu.tr/uslu>

### International Researcher IDs

ORCID: 0000-0002-8689-4900

Yoksis Researcher ID: 101864

### Education Information

Doctorate, Yildiz Technical University, Fen-Ed.Fak., Matematik, Turkey 1992 - 1998

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1988 - 1990

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Matematik, Turkey 1984 - 1988

### Dissertations

Doctorate, Sonlu ve Sonsuz Aralıklarda Verilmiş Sturm-Liouville Operatör Denkleminin Bazı Spektral Özellikleri , Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 1994

Postgraduate, Yavaş Değişen Faz ve Genlik Yöntemi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 1989

### Research Areas

Mathematics, Differential Equations, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 2018 - Continues

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 2006 - 2018

Lecturer PhD, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 1999 - 2006

Research Assistant PhD, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 1998 - 1999

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 1989 - 1999

### Published journal articles indexed by SCI, SSCI, and AHCI

- EIGENVALUES AND EIGENFUNCTIONS OF DISCONTINUOUS TWO-POINT BOUNDARY VALUE PROBLEMS WITH AN EIGENPARAMETER IN THE BOUNDARY CONDITION**  
Caliskan S., BAYRAMOV A., Oer Z., USLU S.  
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.43, no.6, pp.1871-1892, 2013 (SCI-Expanded)

**II. Computation of eigenvalues and eigenfunctions of a discontinuous boundary value problem with retarded argument**

Bayramov A., Uslu S., Caliskan S.

APPLIED MATHEMATICS AND COMPUTATION, vol.191, pp.592-600, 2007 (SCI-Expanded)

## Articles Published in Other Journals

**I. On the regularized trace of a fourth order regular differential equation.**

Kızılbudak Çalışkan S., Bayramov A., Özçubukcu Z., Uslu S.

International journal of contemporary mathematical sciences, vol.1, pp.245-254, 2006 (Peer-Reviewed Journal)

**II. On The Trace Formula Of Second Order Differential Equation Given With Non Seperable Boundary Conditions**

Kızılbudak Çalışkan S., Bayramov A., Uslu S.

Sigma Mühendislik ve Fen Bilimleri Dergisi, no.4, pp.57-64, 2005 (ESCI)

**III. On the Green Function of Sturm-Liouville Differential Equation with Normal Operator Coefficient**

USLU S., Bayramoğlu M.

Applied Sciences, pp.161-175, 2005 (Scopus)

**IV. Sonlu Aralıkta Sturm-Liouville Operatör Denkleminin Spektrumunun İncelenmesi**

USLU S., Bayramoğlu M.

Yıldız Teknik Üniversitesi Dergisi, pp.134-147, 2000 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

**I. A Bilinear Hirota-Kimura Discretization of the Motion of a Rigid Body in an Ideal Fluid**

Turhan İ. M., Uslu S., Özçubukcu Z., Baykal Ünal O.

Second International Conference on Mathematical Advances and Applications (ICOMAA2019), İstanbul, Turkey, 3 - 05 May 2019, pp.75

**II. On HK-Type Discretization of a Heavy Rigid Body**

Turhan İ. M., Uslu S.

International Conference on Mathematical Advances and Applications (ICOMAA2018), İstanbul, Turkey, 11 May 2018, pp.117

**III. The Regularized Trace Formula of Boundary Value Problem Which Has Non-Seperable Boundary Conditions**

USLU S.

3rd International Conference on Pure and Applied Sciences, Dubai, United Arab Emirates, 02 February 2017, pp.16

**IV. Spectral properties of eigenvalues and eigenfunctions of a discontinuous boundary value problem with retarded argument**

KIZILBUDAK ÇALIŞKAN S., USLU S.

VI. Congress of Mathematicians of Macedonia, Ohrid, Macedonia, 15 June 2016, pp.61

**V. On the regularized trace formula for regular Sturm- Liouville problem**

KIZILBUDAK ÇALIŞKAN S., USLU S.

International Symposium on Analysis and Theory of Functions, İstanbul, Turkey, 24 August 2009, pp.40

**VI. On spectral property of a discontinuous two-point boundary value problems with a spectral parameter in the boundary condition**

KIZILBUDAK ÇALIŞKAN S., Bayramov A., ÖZÇUBUKCU Z., USLU S.

5th International Conference of Applied Mathematics and Computing, Plovdiv, Bulgaria, 12 August 2008, pp.64

**VII. Sonlu Aralıkta Verilmiş Bir Diferansiyel Operatör Denklemin Rezolventi Üzerine**

USLU S., Bayramoğlu M.

16.Ulusal Matematik Sempozyumu, Van, Turkey, 10 September 2003, pp.8

VIII. **Normal Operatör Katsayılı Sturm-Liouville Operatörünün Rezolventi**  
USLU S., Bayramođlu M.

11.Ulusal Matematik Sempozyumu, Isparta, Turkey, 07 September 1998, pp.12

## **Metrics**

Publication: 14

Citation (WoS): 26

Citation (Scopus): 30

H-Index (WoS): 1

H-Index (Scopus): 1