

## Asst. Prof. Zerrin ÖZÇUBUKCU

### Personal Information

**Email:** zoer@yildiz.edu.tr

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

### Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1991 - 1997

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

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Operatör katsayılı sturm-liouville denkleminin green fonksiyonu ve ayrılma probleminin incelenmesi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 1995

Postgraduate, Eliptik integraller ve eliptik fonksiyonlarla integre edilebilir non-lineer diferansiyel denklemler, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 1989

### Research Areas

Mathematics, Differential Equations, Natural Sciences

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

- I. **On identity for eigenvalues of second order differential operator equation**  
Bayramov A., Oer Z., Baykal O.  
MATHEMATICAL AND COMPUTER MODELLING, vol.49, pp.403-412, 2009 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Classification of rational singularities of surfaces**  
ÖZÇUBUKCU Z., Tosun M., ÖZKAN A.  
International journal of pure and applied mathematics, pp.85-110, 2007 (Peer-Reviewed Journal)
- II. **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)

- III. **A minimal realization for linear control systems on Lie groups with a drift from normalizer**  
ÖZÇUBUKCU Z., KARA HANSEN A., KARANFİL S.  
International journal of applied mathematics, pp.335-340, 2002 (Scopus)
- IV. **The Green Function of Given Sturm-Liouville Equation with Operator Coefficient Given in Semi-Axis**  
ÖZÇUBUKCU Z., Bayramoğlu M.  
International journal of differential equations and applications, pp.85-106, 2002 (Peer-Reviewed Journal)
- V. **Seperation Problem for Sturm-Liouville Equation with Operator Coefficient**  
ÖZÇUBUKCU Z.  
Proyecciones, pp.177-191, 2001 (Scopus)
- VI. **Yarı eksende verilmiş Sturm-Liouville Operatörünün Negatif Özdeğerlerinin Toplamının Asimtotik İfadesi**  
ÖZÇUBUKCU Z., Adıgüzelov E.  
Yıldız Teknik Üniversitesi Dergisi, pp.26-35, 2000 (Peer-Reviewed Journal)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **On the Asymptotic Formula of the Sum of Negative Eigenvalues of Sturm-Liouville Operator Given in Semi-Axis**  
ÖZÇUBUKCU Z.  
3rd International Conference on Pure and Applied Sciences, Dubai, United Arab Emirates, 02 February 2017, pp.16
- II. **On the Regularized Trace Formula of the Second Order Differential Operator Equation with Semi-Periodic Boundary Conditions**  
ÖZÇUBUKCU Z., BAYKAL ÜNAL O.  
VI. Congress of Mathematicians of Macedonia, Ohri, Macedonia, 15 June 2016, pp.65
- III. **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

### **Metrics**

Publication: 11

Citation (WoS): 3

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1