

Asst. Prof. Zerrin ÖZÇUBUKCU

Personal Information

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Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, Turkey 1991 - 1997

Postgraduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, Turkey 1988 - 1990

Undergraduate, Yıldız Teknik Üniversitesi, 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

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

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 (Journal Indexed in SCI)

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 (Refereed Journals of Other Institutions)

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 (Refereed Journals of Other Institutions)

- 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 (Refereed Journals of Other Institutions)
- 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 (Refereed Journals of Other Institutions)
- V. **Seperation Problem for Sturm-Liouville Equation with Operator Coefficient**
ÖZÇUBUKCU Z.
Proyecciones, pp.177-191, 2001 (Refereed Journals of Other Institutions)
- VI. **Yarı eksende verilmiş Sturm-Liouville Operatörünün Negatif Özdeğerlerinin Toplamının Asimtotik İfadesi**
ÖZÇUBUKCU Z., Adıgüzelov E.
Yıldız Teknik Üniversitesi Dergisi, pp.26-35, 2000 (National Refreed University 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

Citations

Total Citations (WOS):3

h-index (WOS):1