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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1990 - 1996
Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1988 - 1990
Undergraduate, Yildiz Technical University, Fen Edebiyat Fakültesi, Matematik, Turkey 1984 - 1988

Dissertations

Doctorate, OPERATÖR KATSAYILI SCHRÖDİNGER DENKLEMİNİN AĞIRLIKLI İZİNİN ASİMTOTİK DAVRANIŞI, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 1991
Postgraduate, Periyodik Çözümlere Sahip Olan Diferansiyel Denklemler, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 1989

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, 2011 - 2018
Lecturer PhD, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 1995 - 2011
Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 1989 - 1995

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)

II. **Investigation of Eigenvalues of a Differential Equation with Lag Argument and Boundary Condition Containing an Eigenvalue**
BAYRAMOV A., BAYKAL ÜNAL O., KÖKLÜ K.
MATHEMATICS, pp.7-14, 2005 (SCI-Expanded)

III. **On the Spectral Properties of the Regular Sturm Liouville Problem with the Lag Argument for Which its Boundary Conditions Depends on the Spectral Parameter**
Bayramoğlu M., Özden Köklü K., Baykal Ünal O.
Turkish Journal Of Mathematics, vol.26, no.4, pp.421-431, 2002 (SCI-Expanded)

Articles Published in Other Journals

I. **Investigation of eigenvalues of a differential equation with lag argument and boundary condition containing an eigenvalue**
BAYKAL ÜNAL O., Köklü K.
International Ecoenergy Academy, Mathematics,, no.3, pp.7-14, 2005 (Peer-Reviewed Journal)

II. **On a regularized trace of adifferential operator with bounded operator coefficient**
BAKŞİ Ö., BAYKAL ÜNAL O., ADIGÜZELOV E.
International Mathematical Journal, vol.3, no.5, pp.273-286, 2004 (Peer-Reviewed Journal)

III. **On the spectral properties of the Regular Sturm-Liouville Problem with the Lag Argument for which its Boundary Conditions depends on the spectral parameter**
Özden Köklü K., BAYKAL ÜNAL O.
TURKISH JOURNAL OF MATHEMATICS, vol.26, no.4, pp.421-431, 2002 (Scopus)

IV. **Formula for the highly regularized trace of Sturm Liouville operator with unbounded operator coefficients which has singularity**
Albayrak F. İ., Baykal Ünal O., Gül E.
Turkish Journal Of Mathematics, vol.25, pp.307-322, 2001 (Scopus)

V. **Formula for the Highly Regularized Trace of the Sturm-Liouville Operator with Unbounded Operator Coefficients Having Singularity**
GÜL E., BAYKAL ÜNAL O.
TURKISH JOURNAL OF MATHEMATICS, vol.25, no.2, pp.307-322, 2001 (Scopus)

VI. **On the Spectrum and Regularized Trace of the Sturm- Liouville Problem with Spectral Parameter on the Boundary Condition and with the Operator Coefficient**
BAYKAL ÜNAL O., Bayramov A.
International Journal of Differential Equations and Applications, vol.2, no.3, pp.317-333, 2001 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **On the eigenvalues of second order differential equations with lag argument and with spectral parameter in boundary condition**
BAYKAL ÜNAL O.
4RD INTERNATIONAL CONFERANCE ON PURE AND APPLIED SCIENCES, İstanbul, Turkey, 23 November 2017, pp.1

II. **The Regularized Trace and the Spectrum of the Boundary Value Problem with the Operator Coefficient and with Eigen-Parameter on the Boundary Condition**
BAYKAL ÜNAL O.
3RD INTERNATIONAL CONFERANCE ON PURE AND APPLIED SCIENCES, Dubai, United Arab Emirates, 02 February 2017, pp.16

III. **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

IV. **Asymptotic expression of negative eigenvalue number of an operator differential equation with even order according to small parameter having weighted function in eigenvalue**
BAYKAL ÜNAL O., Bayramoğlu M.
UAB International Conference on Differential Equations and Mathematical Physics 2002, 01 March 2002

Metrics

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