

Kişisel Bilgiler

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Eğitim Bilgileri

Yüksek Lisans, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Türkiye 2010 - 2014

Doktora, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Y), Türkiye 1993 - 1996

Lisans, Ege Üniversitesi, Fen Fakültesi, Matematik Bölümü, Türkiye 1985 - 1989

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Periyodik ve Süreksiz Fonksiyon Katsayılı Sturm-Liouville Denkleminin Spektral Teorisi Üzerine, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Y), 1996

Yüksek Lisans, Distribüsyon Uzayları ve Bazı Konvalüsyon Denklemlerinin Distribüsyon Çözümlerinin Araştırılması, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 1993

Araştırma Alanları

Matematik, Diferansiyel denklemler, Fonksiyonel Analiz , Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Ege Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2015 - Devam Ediyor

Doç.Dr., Ege Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2008 - 2015

Yrd.Doç.Dr., Ege Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1997 - 2008

Araştırma Görevlisi, Ege Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1989 - 1997

Mesleki Deneyim

Anabilim/Bilim Dalı Başkanı, Ege Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2010 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Existence of positive solutions for fourth-order impulsive integral boundary value problems on time scales**

Fen F. T. , Karaca I. Y.

MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.40, ss.5727-5741, 2017 (SCI İndekslerine Giren Dergi)

- **EXISTENCE OF POSITIVE SOLUTIONS FOR A NONLINEAR nTH-ORDER m-POINT p-LAPLACIAN IMPULSIVE BOUNDARY VALUE PROBLEM**

Karaca I. Y. , Fen F. T.

MATHEMATICA SLOVACA, cilt.67, ss.467-482, 2017 (SCI İndekslerine Giren Dergi)

- **Positive Solutions of Boundary Value Problems for p-Laplacian Fractional Differential Equations**

Fen F. T. , Karaca I. Y. , Ozen Ö.

FILOMAT, cilt.31, ss.1265-1277, 2017 (SCI İndekslerine Giren Dergi)

- **POSITIVE SOLUTIONS OF nTH-ORDER m-POINT BOUNDARY VALUE PROBLEMS**

KARACA İ., FEN F.

BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, cilt.42, ss.1429-1439, 2016 (SCI İndekslerine Giren Dergi)

- **On the Solvability of a System of Multi-Point Second Order Boundary Value Problem**

Cerdiki T. S. , KARACA İ., SİNANOĞLU A., FEN F.

JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, cilt.20, ss.666-673, 2016 (SCI İndekslerine Giren Dergi)

- **Existence of Positive Solutions for Nonlinear Second-Order Impulsive Boundary Value Problems on Time Scales**

Fen F. T. , Karaca I. Y.

MEDITERRANEAN JOURNAL OF MATHEMATICS, cilt.13, ss.191-204, 2016 (SCI İndekslerine Giren Dergi)

- **Positive solutions of nth order impulsive differential equations with integral boundary conditions**

FEN F., KARACA İ.

Analele Stiintifice Ale Universitatii Ovidius Constanta-Seria Matematica, cilt.24, ss.243-261, 2016 (SCI Expanded İndekslerine Giren Dergi)

- **Existence of positive solutions for nonlinear third order m point impulsive boundary value problems on time scales *Ukrain Mat Zh* 68 2016 no 3 408 422**

FEN F., KARACA İ.

Ukrainian Mathematical Journal, cilt.68, ss.408-422, 2016 (SCI Expanded İndekslerine Giren Dergi)

- **EXISTENCE OF POSITIVE SOLUTIONS TO nTH ORDER p-LAPLACIAN BOUNDARY VALUE PROBLEMS WITH INTEGRAL BOUNDARY CONDITIONS**

KARACA İ., FEN F.

MISKOLC MATHEMATICAL NOTES, cilt.17, ss.381-397, 2016 (SCI İndekslerine Giren Dergi)

- **On positive solutions of nonlinear third order impulsine boundary value problems on time scales**

KARACA İ., FEN F.

Mediterranean Journal Of Mathematics, cilt.13, ss.4447-4461, 2016 (SCI Expanded İndekslerine Giren Dergi)

- **On positive solutions of m-point boundary value problems for p-Laplacian impulsive dynamic equations on time scales**

Fen F. T. , Karaca I. Y.

INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, cilt.46, ss.723-738, 2015 (SCI İndekslerine Giren Dergi)

- **The Existence of Symmetric Positive Solutions for a Nonlinear Multi-Point Boundary Value Problem on Time Scales**

Tokmak F., KARACA İ., ŞENLİK T., SİNANOĞLU A.

JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, cilt.19, ss.670-677, 2015 (SCI İndekslerine Giren Dergi)

- **Multiple Positive Solutions for Nonlinear Second-Order m-Point Impulsive Boundary Value Problems on Time Scales**

Karaca I. Y. , Fen F. T.

FILOMAT, cilt.29, ss.817-827, 2015 (SCI İndekslerine Giren Dergi)

- **Positive solutions of nth order m point impulsive boundaryvalue problems**

KARACA İ., FEN F.

Georgian Mathematical Journal, cilt.22, ss.373-384, 2015 (SCI Expanded İndekslerine Giren Dergi)

- **On positive solutions for fourth order four pointboundary value problems with alternating coefficient on time scales**

KARACA İ.

Dynamic Systems And Applications, cilt.24, ss.313-326, 2015 (SCI Expanded İndekslerine Giren Dergi)

- **Positive solutions of nth order boundary value problems withintegral boundary conditions**

KARACA İ., FEN F.

Mathematical Modelling And Analysis, cilt.20, ss.188-204, 2015 (SCI Expanded İndekslerine Giren Dergi)

- **Existence of positive solutions for boundary value problems of p-Laplacian difference equations**
FEN F., KARACA İ.

ADVANCES IN DIFFERENCE EQUATIONS, 2014 (SCI İndekslerine Giren Dergi)

- **Eigenvalues for iterative systems of nonlinear m-point boundary value problems on time scales**
KARACA İ., Tokmak F.

BOUNDARY VALUE PROBLEMS, 2014 (SCI İndekslerine Giren Dergi)

- **Eigenvalues for iterative systems of nonlinear m-point boundary value problems on time scales**
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BOUNDARY VALUE PROBLEMS, 2014 (SCI İndekslerine Giren Dergi)

- **Existence of three symmetric positive solutions for a second order multi point boundary value problem on time scales**

AYCAN S., KARACA İ., FEN F., TUĞBA Ş.

Advances in Difference Equations, cilt.2014, ss.1-12, 2014 (SCI Expanded İndekslerine Giren Dergi)

- **Existence of Positive Solutions for Nonlinear Third-Order m-Point Boundary Value Problems on Time Scales**

KARACA İ., Tokmak F.

FILOMAT, cilt.28, ss.925-935, 2014 (SCI İndekslerine Giren Dergi)

- **Existence of Solutions for Nonlinear Impulsive Fractional Differential Equations with p-Laplacian Operator**

KARACA İ., Tokmak F.

MATHEMATICAL PROBLEMS IN ENGINEERING, 2014 (SCI İndekslerine Giren Dergi)

- **Existence results for p-Laplacian boundary value problems of impulsive dynamic equations on time scales**

ÖZEN Ö., KARACA İ., TOKMAK F.

ADVANCES IN DIFFERENCE EQUATIONS, 2013 (SCI İndekslerine Giren Dergi)

- **Existence of positive solutions for third-order boundary value problems with integral boundary conditions on time scales**

KARACA İ., Tokmak F.

JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI İndekslerine Giren Dergi)

- **On positive solutions for second-order boundary value problems of functional differential equations**
KARACA İ.

APPLIED MATHEMATICS AND COMPUTATION, cilt.219, ss.5433-5439, 2013 (SCI İndekslerine Giren Dergi)

- **Positive solutions of an impulsive second order boundary value problem on time scales**

FEN F., KARACA İ.

Dynamics Of Continuous Discrete And Impulsive Systems-Series A-Mathematical Analysis, cilt.20, ss.695-708, 2013 (SCI Expanded İndekslerine Giren Dergi)

- **Positive solutions to a nonlinear 2nth order boundary value problems on time scales**

KARACA İ.

Journal Of Computational Analysis And Applications, cilt.15, ss.604-611, 2013 (SCI Expanded İndekslerine Giren Dergi)

- **Existence of symmetric positive solutions for a multipoint boundary value problem with sign changing nonlinearity on time scales** Boundary Value Problems 2013 2013 52

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Boundary Value Problems, cilt.2013, ss.1-13, 2013 (SCI Expanded İndekslerine Giren Dergi)

- **POSITIVE SOLUTIONS OF AN nTH ORDER THREE-POINT BOUNDARY VALUE PROBLEM**

KARACA İ.

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, cilt.43, ss.205-224, 2013 (SCI İndekslerine Giren Dergi)

- **Triple positive solutions of m-point time scale BVPs with p-Laplacian on infinite intervals**

FEN F., KARACA İ.

Dynamic Systems And Applications, cilt.6, ss.205-212, 2012 (SCI Expanded İndekslerine Giren Dergi)

- **Existence of Positive Solutions for Third-Order m-Point Boundary Value Problems with Sign-Changing**

Nonlinearity on Time Scales

Tokmak F., KARACA İ.

ABSTRACT AND APPLIED ANALYSIS, 2012 (SCI İndekslerine Giren Dergi)

- **Upper and Lower Solution Method for Fourth-Order Four-Point Boundary Value Problem on Time Scales**
KARACA İ.
ABSTRACT AND APPLIED ANALYSIS, 2012 (SCI İndekslerine Giren Dergi)
- **EXISTENCE OF THREE POSITIVE SOLUTIONS FOR M-POINT TIME SCALE BOUNDARY VALUE PROBLEMS ON INFINITE INTERVALS**
KARACA İ., Tokmak F.
DYNAMIC SYSTEMS AND APPLICATIONS, cilt.20, ss.355-367, 2011 (SCI İndekslerine Giren Dergi)
- **Fourth order m point boundary value problems on time scales** *Dynam Systems Appl* **19** 2010 no 2 249 269
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Dynamic Systems And Applications, cilt.19, ss.249-269, 2010 (SCI Expanded İndekslerine Giren Dergi)
- **ON POSITIVE SOLUTIONS FOR HIGHER-ORDER BOUNDARY VALUE PROBLEMS WITH IMPULSE**
KARACA İ.
DYNAMIC SYSTEMS AND APPLICATIONS, cilt.18, ss.687-700, 2009 (SCI İndekslerine Giren Dergi)
- **On positive solutions for fourth-order boundary value problem with impulse**
KARACA İ.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.225, ss.356-364, 2009 (SCI İndekslerine Giren Dergi)
- **Positive solutions for boundary value problems of second order functional dynamic equations on time scales** *Adv Difference Equ* **2009**
KARACA İ.
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- **Fourth-order four-point boundary value problem on time scales**
KARACA İ.
APPLIED MATHEMATICS LETTERS, cilt.21, ss.1057-1063, 2008 (SCI İndekslerine Giren Dergi)
- **Higher order three point boundary value problem on time scales**
ANDERSON D. R. , KARACA İ.
Computers & Mathematics With Applications, cilt.56, ss.2429-2443, 2008 (SCI Expanded İndekslerine Giren Dergi)
- **Nonlinear triple point problems with change of sign** *Comput Math Appl*
KARACA İ.
Computers & Mathematics With Applications, cilt.55, ss.691-703, 2008 (SCI Expanded İndekslerine Giren Dergi)
- **Multiple positive solutions for dynamic m point boundary value problems**
KARACA İ.
Dynamic Systems And Applications, cilt.17, ss.25-42, 2008 (SCI Expanded İndekslerine Giren Dergi)
- **On the existence of positive solutions for three point boundary value problems with alternating coefficients**
KARACA İ.
Mathematical And Computer Modelling, cilt.47, ss.1019-1034, 2008 (SCI Expanded İndekslerine Giren Dergi)
- **Discrete third-order three-point boundary value problem**
KARACA İ.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.205, ss.458-468, 2007 (SCI İndekslerine Giren Dergi)
- **Existence and nonexistence of positive solutions to a right focal boundary value problem on time scales**
KARACA İ.
Advances in Difference Equations, cilt.2006, ss.1-13, 2006 (SCI Expanded İndekslerine Giren Dergi)
- **Instability intervals of a Hill s equation with piecewise constant and alternating coefficient**
KARACA İ.
Computers & Mathematics With Applications, cilt.47, ss.319-326, 2004 (SCI Expanded İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- **EIGENVALUES FOR ITERATIVE SYSTEMS OF DYNAMIC EQUATIONS WITH INTEGRAL BOUNDARY CONDITIONS**
Karaca I. Y. , Fen F. T.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, cilt.64, ss.87-97, 2015 (ESCI İndekslerine Giren Dergi)
- **Nonlinear Four point Impulsive Fractional Differential Equations with p Laplacian Operator**
FEN F., KARACA İ.
Discontinuity, Nonlinearity, and Complexity, cilt.4, ss.467-486, 2015 (Diğer Kurumların Hakemli Dergileri)
- **Positive Solutions of Boundary Value Problems for Second order p Laplacian Difference Equations**
FEN F., KARACA İ.
International Journal of Difference Equations, cilt.9, ss.243-269, 2014 (Diğer Kurumların Hakemli Dergileri)
- **Existence of Positive Solutions for a Second Order Eigenvalue Boundary Value Problem with Impulse on Time Scales**
FEN F., KARACA İ.
Journal of Advanced Research in Applied Mathematics, cilt.6, ss.32-49, 2014 (Diğer Kurumların Hakemli Dergileri)
- **Existence of solutions for m point boundary value problem with p Laplacian on time scales**
ÖZEN Ö., KARACA İ.
Nonlinear Dynamics and Systems Theory, cilt.13, ss.270-285, 2013 (Diğer Kurumların Hakemli Dergileri)
- **Positive solutions for second order multi point boundary value problems**
FEN F., KARACA İ.
Chaotic Modeling and Simulation, cilt.3, ss.463-471, 2013 (Diğer Kurumların Hakemli Dergileri)
- **Positive solutions to a system of boundary value problems for higher dimensional dynamic equations on time scales**
KARACA İ.
Aust. J. Math. Anal. Appl., cilt.9, ss.1-13, 2012 (Diğer Kurumların Hakemli Dergileri)
- **Positive solutions to an nth order multi point boundary value problem on time scales**
KARACA İ.
Nonlinear Dyn. Syst. Theory, cilt.11, ss.285-296, 2011 (Diğer Kurumların Hakemli Dergileri)
- **symptotic formulas for eigenvalues of a Hill s equation with piecewise constant coefficient**
KARACA İ., YILMAZ Ö.
Math. Proc. R. Ir. Acad., cilt.109, ss.19-34, 2009 (Diğer Kurumların Hakemli Dergileri)
- **Karaca I Yaslan On Hill s equation with piecewise constant and alternating coefficient**
KARACA İ.
Journal of Science and Tecnology, cilt.1, ss.157-266, 2007 (Diğer Kurumların Hakemli Dergileri)
- **On Hill s equation with a discontinuous coefficient**
KARACA İ.
Int. J. Math. Math. Sci., cilt.2003, ss.1599-1614, 2003 (Diğer Kurumların Hakemli Dergileri)
- **On instability intervals of Hill s equation with a piecewise continuous coefficient**
KARACA İ.
Panamer. Math. J., cilt.13, ss.89-98, 2003 (Diğer Kurumların Hakemli Dergileri)
- **On conjugation in the mod p Steenrod algebra**
KARACA İ., KARACA İ.
Turkish Journal Of Mathematics, cilt.24, ss.1-7, 2001 (Diğer Kurumların Hakemli Dergileri)
- **Some formulas for conjugation**
KARACA İ., KARACA İ.
Southwest Journal of Pure and Applied Mathematics, cilt.2, ss.43-52, 2001 (Diğer Kurumların Hakemli Dergileri)
- **Some formulas for conjugation Southwest J Pure Appl Math 2001 no 2 43 52**
KARACA İ., KARACA İ.
Southwest J. Pure Appl., cilt.2001, ss.43-52, 2001 (Diğer Kurumların Hakemli Dergileri)
- **On conjugation in the mod p Steenrod algebra Turkish J Math 24 2000 no 4 359 365**
KARACA İ., KARACA İ.
Turkish J. Math., cilt.24, ss.359-365, 2000 (Diğer Kurumların Hakemli Dergileri)

- **On the lengths of the instability intervals of the Hill s equation with a piecewise constant coefficient Ege Univ J Fac Sci 21 1998 no 2 85 92**
KARACA İ.
Ege Univ. J. Fac. Sci., cilt.21, ss.85-92, 1998 (Diğer Kurumların Hakemli Dergileri)
- **On Hill s equation with piecewise constant coefficient Turkish J Math 21 1997 no 4 461 474**
KARACA İ., HÜSEYİNOV H.
Turkish J. Math., cilt.21, ss.461-474, 1997 (Diğer Kurumların Hakemli Dergileri)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Positive solutions for fractional-order boundary value problems**
KARACA İ.
International conference on recent advances in pure and applied mathematics (ICRAPAM 2017), 11 - 15 Mayıs 2017
- **The existence of positive solutions of boundary value problems with p-Laplacian on the half-line**
KARACA İ., SİNANOĞLU A.
International conference on recent advances in pure and applied mathematics (ICRAPAM 2017), 11 - 15 Mayıs 2017
- **The existence of solutions for a fractional order boundary value problem**
ÖZ D., KARACA İ.
2nd international conference on analysis and its applications, 12 - 15 Temmuz 2016
- **Sonsuz aralıkta kesirli mertebeye sınır değeri problemi için pozitif çözümlerin varlığı**
ÖZ D., KARACA İ.
11. Ankara Matematik Günleri, Türkiye, 26 - 27 Mayıs 2016
- **Positive solutions of impulsive time scale boundary value problems with p laplacian on the half line**
KARACA İ., SİNANOĞLU A.
Konferans, 19 - 23 Mayıs 2016
- **The existence of positive solutions for fractional order nonlinear boundary value problems on infinite interval**
KARACA İ., ÖZ D.
Konferans, 19 - 23 Mayıs 2016
- **The existence of positive solutions for fractional order boundary value problems on finite interval**
KARACA İ., ABALIS.
KONFERANS, 19 - 23 Mayıs 2016
- **Impulsive Boundary Value Problem for Nonlinear Differential Equations of Fractional Order 2 3**
KARACA İ., FEN F.
4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015), 31 Ağustos - 03 Eylül 2015, ss.72
- **Impulsive Boundary Value Problems with Multiple Positive Solutions on Time Scales**
FEN F., KARACA İ.
THE SEVENTH INTERNATIONAL CONFERENCE ON DYNAMIC SYSTEMS AND APPLICATIONS & THE FIFTH INTERNATIONAL CONFERENCE ON NEURAL, PARALLEL, AND SCIENTIFIC COMPUTATIONS, 27 - 30 Mayıs 2015
- **Nonlinear Second Order Impulsive Boundary Value Problems**
FEN F., KARACA İ.
2015 Georgia Scientific Computing Symposium, 28 Şubat 2015

Desteklenen Projeler

KARACA İ., AKSOYS., Yükseköğretim Kurumları Destekli Proje, İMPULSİVE SINIR DEĞER PROBLEMLERİNİN POZİTİF ÇÖZÜMLERİ, 2018 - 2020

KARACA İ., SİNANOĞLU ARISOY A., Yükseköğretim Kurumları Destekli Proje, ZAMAN SKALASINDA SONSUZ

ARALIK ÜZERİNDE İMPULSİVE SINIR DEĞER PROBLEMLERİNİN POZİTİF ÇÖZÜMLERİ, 2016 - 2019
KARACA İ., Yükseköğretim Kurumları Destekli Proje, KESİRLİ MERTEBEDEN LİNEER OLMAYAN SINIR DEĞER PROBLEMLERİNİN POZİTİF ÇÖZÜMLERİ, 2015 - 2017
KARACA İ., Yükseköğretim Kurumları Destekli Proje, SONSUZ ARALIKTA KESİRLİ MERTEBEDEN LİNEER OLMAYAN SINIR DEĞER PROBLEMLERİNİN ÇÖZÜMLERİ, 2015 - 2016
KARACA İ., Yükseköğretim Kurumları Destekli Proje, ZAMAN SKALASINDA İNTEGRAL SINIR KOŞULLU İMPULSİVE SINIR DEĞER PROBLEMLERİNİN POZİTİF ÇÖZÜMLERİ, 2013 - 2015
KARACA İ., Yükseköğretim Kurumları Destekli Proje, ZAMAN SKALASINDA DÖRDÜNCÜ MERTEBEDEN SINIR DEĞER PROBLEMLERİNİN SİMETRİK POZİTİF ÇÖZÜMLERİ, 2011 - 2012
KARACA İ., Yükseköğretim Kurumları Destekli Proje, ZAMAN SKALASINDA SONSUZ ARALIK ÜZERİNDE İKİNCİ MERTEBE SINIR DEĞER PROBLEMLERİNİN POZİTİF ÇÖZÜMLERİ, 2011 - 2012
KARACA İ., Yükseköğretim Kurumları Destekli Proje, ZAMAN SKALASINDA BİR BOYUTLU P-LAPLASİYEN SINIR DEĞER PROBLEMLERİNİN POZİTİF ÇÖZÜMLERİ, 2010 - 2011
KARACA İ., Yükseköğretim Kurumları Destekli Proje, ZAMAN SKALASINDA YÜKSEK MERTEBELİ SINIR DEĞER PROBLEMLERİNİN POZİTİF ÇÖZÜMLERİ, 2009 - 2010
KARACA İ., Yükseköğretim Kurumları Destekli Proje, ZAMAN SKALASINDA DÖRDÜNCÜ MERTEBE M-NOKTA SINIR DEĞER PROBLEMLERİ, 2007 - 2009
KARACA İ., Yükseköğretim Kurumları Destekli Proje, ZAMAN SKALASINDA BİR RIGHT- FOCAL SINIR DEĞER PROBLEMİNİN POZİTİF ÇÖZÜMLERİNİN VARLIĞI VE YOKLUĞU İLE İLGİLİ KRİTERLER., 2004 - 2005

Atıflar

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