

Assoc. Prof. Yusuf ZEREN

Personal Information

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Address: Yıldız Teknik Üniversitesi, Davutpaşa Kampüsü, Fen Edebiyat Fakültesi, Matematik Bölümü, E-2017, Esenler, İstanbul

Education Information

Post Doctorate, Cincinnati State Technical and Community College, Mathematics, United States Of America 2012 - 2012

Doctorate, Ankara University, Faculty Of Science, Department Of Mathematics, Turkey 1997 - 2002

Postgraduate, Harran University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1994 - 1996

Undergraduate, Fırat University, Faculty Of Arts And Sciences, Matematik, Turkey 1989 - 1993

Certificates, Courses and Trainings

Education Management and Planning, Uygulamalı Ar-Ge Proje Yazımı ve Yönetimi, Tübitak, 2014

Education Management and Planning, Eğitimcilerin Eğitimi Semineri, Tübitak, 2005

IT, Bilgisayar İşletmenliği, Gazi Üniversitesi, 2000

Dissertations

Doctorate, Türevlenebilir fonksiyonlara lineer pozitif integral operatörler aileleriyle yaklaşımının asimptotik değeri, Ankara University, Faculty Of Science, Department Of Mathematics, 2002

Postgraduate, Bazı dizi uzayları ve matris dönüşümleri, Harran University, Faculty Of Science And Letters, Department Of Mathematics, 1996

Research Areas

Mathematics, Multivariate Complex Functions and Analytic Spaces, Computer Science, Sequences, Series, Summability, Functional Equations, Functional Analysis, Fourier Analysis, General Mathematics, General Topology, Real Functions, Integral Equations, Integral Transformations, Computational Calculation, Functions of a Complex Variable, Mathematics Education, Special Functions, Potential Theory, Abstract Harmonic Analysis, Natural Sciences

Academic Titles / Tasks

Associate Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2015 - Continues

Assistant Professor, Yıldız Technical University, Faculty of Arts & Science, Department of Mathematics, 2010 - 2015

Assistant Professor, Harran University, Faculty Of Science And Letters, Department Of Mathematics, 2005 - 2010

Research Assistant, Harran University, Faculty Of Science And Letters, Department Of Mathematics, 2002 - 2005

Research Assistant, Ankara University, Faculty Of Science, Department Of Mathematics, 1997 - 2002

Research Assistant, Harran University, Faculty Of Science And Letters, Department Of Mathematics, 1995 - 1997

Academic and Administrative Experience

Head of Department, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2020 - Continues

Rectorate Commissioner, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2018 - Continues

Courses

Matematik 1, Undergraduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Uzmanlık Alan Dersi(Doktora), Doctorate, 2013 - 2014, 2014 - 2015, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Yüksek Lisans Tezi, Postgraduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Uzmanlık Alan Dersi(Yüksek Lisans), Postgraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Doktora Tezi, Doctorate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Harmonic Analysis 1, Postgraduate, 2010 - 2011, 2011 - 2012, 2015 - 2016, 2019 - 2020

Kompleks Fonksiyonlar Teorisi 2, Undergraduate, 2018 - 2019, 2019 - 2020

Operatör Teorisi 1, Postgraduate, 2012 - 2013, 2014 - 2015, 2020 - 2021

Kompleks Fonksiyonlar Teorisi 1, Undergraduate, 2012 - 2013, 2019 - 2020

Functional Analysis 2, Doctorate, 2016 - 2017, 2017 - 2018, 2018 - 2019

Bitirme Çalışması, Undergraduate, 2019 - 2020

Kompleks Fonksiyonlar Teorisine Giriş 1, Undergraduate, 2012 - 2013, 2014 - 2015, 2015 - 2016, 2017 - 2018

Functional Analysis1, Doctorate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

Matematik Analiz 1, Undergraduate, 2013 - 2014, 2015 - 2016

Lineer Operatörlere Giriş , Undergraduate, 2013 - 2014, 2015 - 2016

Seminer, Postgraduate, 2016 - 2017

Fonksiyonel Analize Giriş, Undergraduate, 2012 - 2013, 2014 - 2015

Lineer Operatörler 1, Postgraduate, 2011 - 2012, 2013 - 2014

Topolojiye Giriş, Undergraduate, 2013 - 2014

Matematik II, Undergraduate, 2012 - 2013

Matematik I, Undergraduate, 2013 - 2014

Fonksiyonel Analiz 1, Undergraduate, 2012 - 2013

Matematik 2, Undergraduate, 2008 - 2009, 2009 - 2010

Advising Theses

Zeren Y., Fibromiyaljide Yapay Zeka Uygulamaları, Postgraduate, Y.Niyazi(Student), Continues

Zeren Y., Homojen Olmayan $P(x)$ -Laplace Denklemi İçin Değişken Üslü Hardy Eşitsizliği, Doctorate, K.ŞİMŞİR(Student), Continues

Zeren Y., Lebesgue, Ağırlıklı Lebesgue Uzaylarındaki Bazlık Özelliklerinin Araştırılması, Postgraduate, R.BENGİ(Student), Continues

Zeren Y., 2. Mertebeden Süreksiz Diferansiyel Operatörün Öz Fonksiyon, Postgraduate, F.Elif(Student), Continues

ZEREN Y., İkinci dereceden süreksiz bir diferansiyel operatörün spektral özellikleri, Doctorate, F.ŞİRİN(Student),

Continues

Zeren Y., Korovkin Tipli İntegral Operatörlerin İstatistiksel Yakınsaklığı, Doctorate, C.KARAÇAM(Student), Continues

Zeren Y., Investigation of Solubility of Elliptic Equations in weighted Grand-Sobolev Spaces, Doctorate, Ş.ÇETİN(Student), Continues

Zeren Y., Inital Value Problem for Schrödinger Equation Containing Kurzweil Henstock Integral, Postgraduate, K.AKSOY(Student), 2021

Zeren Y., Yeniden Düzenlenmiş-Değişmez Uzaylarda Katı Singüler Gömmeler, Postgraduate, E.DENİZ(Student), 2019

Zeren Y., Değişken üslü lineer olmayan eliptik denklemler, Postgraduate, C.KAZAR(Student), 2019

Zeren Y., Banach Fonksiyon Uzayları Üzerinde Fourier Serisi, Postgraduate, S.YAVUZ(Student), 2019

Zeren Y., Frame teori ve ayrılabilir olmayan Hilbert uzayında Bessel sistemi, Postgraduate, Y.SAÇLI(Student), 2017

Zeren Y., Hardy-Littlewood maksimal operatörünün değişken üslü lebesgue uzayında sınırlılığı, Postgraduate, M.DİKMEN(Student), 2017

Zeren Y., Hardy operatörünün diferensiyel denklemlere uygulaması, Postgraduate, K.ŞİMŞİR(Student), 2017

Zeren Y., Bazı eşitsizlikler ve uygulamaları, Postgraduate, Y.SARICAĞLU(Student), 2017

ZEREN Y., Maksimal, Potansiyel ve Singüler İntegral Operatörlerinin Modifiye Olmuş Morrey Uzaylarında Sınırlılığı, Postgraduate, H.ARMUTCU(Student), 2016

ZEREN Y., Morrey Tip Uzaylarda Yaklaşım Teorisinin Bazı Problemleri, Postgraduate, Ş.ÇETİN(Student), 2016

ZEREN Y., Approximation by Positive Operators in some Banach Spaces, Postgraduate, F.ŞİRİN(Student), 2016

ZEREN Y., Ağırlıklı Değişken üslü Lebesgue Uzayında Hardy Operatörünün Kompaktlığı, Doctorate, L.AKIN(Student), 2016

Zeren Y., Morrey Uzaylarında Riesz Potansiyelinin Bazı Özellikleri, Postgraduate, C.KARAÇAM(Student), 2015

Zeren Y., İntegral operatör aileleriyle genelleştirilmiş türevlere yaklaşım, Postgraduate, L.AKIN(Student), 2008

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2020

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Ticaret Üniversitesi, December, 2019

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, November, 2019

Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Ticaret Üniversitesi, June, 2019

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, May, 2019

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, May, 2019

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, November, 2017

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, November, 2017

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, May, 2017

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, May, 2017

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, November, 2016

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, November, 2016

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, May, 2016

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, May, 2015

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, May, 2014

Taught Courses And Trainings

Zeren Y., Erasmus Ders Verme Hareketliliği, Romanya, 2014 - 2014

Zeren Y., Erasmus Ders Verme Hareketliliği, İtalya, 2012 - 2012

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

- I. **A VARIABLE EXPONENT BOUNDEDNESS OF THE STEKLOV OPERATOR**
Zeren Y.
MATHEMATICAL INEQUALITIES & APPLICATIONS, vol.24, no.3, pp.645-653, 2021 (Journal Indexed in SCI)
- II. **Korovkin-type theorems and their statistical versions in grand Lebesgue spaces**
Zeren Y., Ismailov M., Karaçam C.
Turkish Journal Of Mathematics, vol.44, no.3, pp.1027-1041, 2020 (Journal Indexed in SCI)
- III. **On basicity of the system of eigenfunctions of one discontinuous spectral problem for second order differential equation for grand-Lebesgue space**
Zeren Y., Ismailov M., Sirin F.
TURKISH JOURNAL OF MATHEMATICS, vol.44, pp.1595-1611, 2020 (Journal Indexed in SCI)
- IV. **ON BOUNDEDNESS OF FRACTIONAL MAXIMAL OPERATOR IN WEIGHTED $L_p(\cdot)$ SPACES**
MAMEDOV F. I. , ZEREN Y.
MATHEMATICAL INEQUALITIES & APPLICATIONS, vol.19, no.1, pp.1-14, 2016 (Journal Indexed in SCI)
- V. **A Necessary and Sufficient Condition for Hardy's Operator in the Variable Lebesgue Space**
MAMEDOV F., ZEREN Y.
ABSTRACT AND APPLIED ANALYSIS, 2014 (Journal Indexed in SCI)
- VI. **On Equivalent Conditions for the General Weighted Hardy Type Inequality in Space $L_p(\cdot)$**
Mamedov F. I. , ZEREN Y.
ZEITSCHRIFT FUR ANALYSIS UND IHRE ANWENDUNGEN, vol.31, no.1, pp.55-74, 2012 (Journal Indexed in SCI)
- VII. **NECESSARY AND SUFFICIENT CONDITIONS FOR THE BOUNDEDNESS OF THE RIESZ POTENTIAL IN MODIFIED MORREY SPACES**
Guliyev V. S. , Hasanov J. J. , ZEREN Y.
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.5, no.4, pp.491-506, 2011 (Journal Indexed in SCI)
- VIII. **On a two-weighted estimation of maximal operator in the Lebesgue space with variable exponent**
Mamedov F. I. , ZEREN Y.
ANNALI DI MATEMATICA PURA ED APPLICATA, vol.190, no.2, pp.263-275, 2011 (Journal Indexed in SCI)
- IX. **On the limiting case for boundedness of the B-Riesz potential in B-Morrey spaces**
Guliyev V. S. , Hasanov J. J. , Zeren Y.
ANALYSIS MATHEMATICA, vol.35, no.2, pp.87-97, 2009 (Journal Indexed in SCI)
- X. **Pointwise and integral estimates for the B-Riesz potential in terms of B-maximal and B-fractional maximal functions**
Guliev V. S. , GARAKHANOVA N., ZEREN Y.
SIBERIAN MATHEMATICAL JOURNAL, vol.49, no.6, pp.1008-1022, 2008 (Journal Indexed in SCI)
- XI. **On the Riesz potential in Morrey spaces, associated with the Laplace-Bessel differential operator**
Zeren Y.
INTEGRAL TRANSFORMS AND SPECIAL FUNCTIONS, vol.19, no.8, pp.607-612, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **SOME PROPERTIES FOR HIGHER ORDER COMMUTATORS OF HARDY-TYPE INTEGRAL OPERATOR ON HERZ-MORREY SPACES WITH VARIABLE EXPONENT**
AKIN L., ZEREN Y.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.10, no.2, pp.157-163, 2019 (Refereed Journals of Other Institutions)
- II. **Some questions of harmonic analysis in weighted Morrey type spaces**
ZEREN Y.
AFRIKA MATEMATIKA, vol.30, pp.129-150, 2019 (Journal Indexed in ESCI)
- III. **DESIGN AND VERIFICATION OF PARITY CHECKING CIRCUIT USING HOL4 THEOREM PROVING**
Deniz E., Aksoy K., Tahar S., ZEREN Y.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.10, no.2, pp.245-252, 2019 (Journal Indexed in ESCI)
- IV. **INTRODUCTION TO HOL4 THEOREM PROVER**
Aksoy K., Tahar S., ZEREN Y.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.10, no.2, pp.237-243, 2019 (Journal Indexed in ESCI)
- V. **On Morrey-type classes of harmonic functions**
ZEREN Y., Abdullayeva R. H. , Çetin S.
RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO, vol.67, no.3, pp.501-516, 2018 (Journal Indexed in ESCI)
- VI. **Approximation To Generalized Taylor Derivatives By Integral Operator Families**
Akin L., Zeren Y.
MSU J. OF SCI., vol.5, pp.421-423, 2017 (Refereed Journals of Other Institutions)
- VII. **Compactification of Weighted Hardy Operator in Variable Exponent Lebesgues Spaces**
MAMEDOV F., ZEREN Y., AKIN L.
Asian Journal of Mathematics and Computer Research, vol.17, pp.38-47, 2017 (Refereed Journals of Other Institutions)
- VIII. **On some Hardy-Sobolev's type variable exponent inequality and its application**
Mamedov F. I. , Mammadli S. M. , Zeren Y.
Transactions Issue Mathematics, Azerbaijan National Academy of Sciences, vol.37, pp.102-110, 2017 (Refereed Journals of Other Institutions)
- IX. **On One Kind of Positive Operators in Lebesgue Space Of Harmonic Functions**
Zeren Y., Şirin F., Hasanlı R.
Transactions of NAS of Azerbaijan, Issue Mathematics, vol.36, no.4, 2016 (Refereed Journals of Other Institutions)
- X. **Two weight inequalities for the maximal operator in lebesgue space with variable exponent.**
Zeren Y., Mamedov F.
Journal of Mathematical Sciences, vol.173, no.6, pp.701-716, 2011 (Refereed Journals of Other Institutions)
- XI. **On limiting case of the Sobolev theorem for B-Riesz potential in B-Morrey spaces**
Zeren Y., Hasanov J. J.
Arab Journal of Mathematical Sciences, vol.13, pp.27-38, 2007 (Refereed Journals of Other Institutions)
- XII. **Two-weight norm inequalities for some anisotropic sublinear operators**
ZEREN Y., guliyev v.
Turk J. Math, 2006 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Analogs on Korovkin theorems and their statistical versions in weighted grand Lebesgue spaces**
Zeren Y., Karaçam C., İsmailov M.
4 th International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 May - 29 June 2021, vol.1, no.1, pp.142
- II. **On the basis property of a system of eigenfunctions of a discontinuous second-order differential**

operator in a weighted grand Lebesgue spaces

Zeren Y., İsmailov M., Şirin F.

4th International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 - 29 May 2021, pp.141

- III. **On Innovations of the Multivariable Fractional Hardy-Type Inequalities on Time Scales**
Zeren Y., Akın L.
4th International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 - 29 May 2021, pp.132
- IV. **Positive solutions of fractional boundary value problems for a combined Caputo fractional differential equation**
Zeren Y., Toprakseven Ş.
4th International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 - 29 May 2021, pp.192
- V. **Interior Schauder-type Estimates for Higher-order Elliptic Operators in Grand-Sobolev Spaces**
Bilalov B., Sadigova S., Zeren Y., Dal F. E.
4th International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 - 29 May 2021, pp.64
- VI. **Some equivalents to convergences operator sequences in the weighted grand Lebesgue spaces**
Zeren Y., İsmailov M., Karaçam C.
4th International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 - 29 May 2021, pp.69
- VII. **On solvability "in small" of Higher Order Elliptic Equations in Symmetric Spaces**
Zeren Y., Bilalov B., Sadigova S., Çetin Ş.
4th International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 - 29 May 2021, pp.183
- VIII. **Lyapunov-type inequality for an anti-periodic fractional boundary value problem of the RieszCaputo derivative**
Zeren Y., Bengi R., Toprakseven Ş.
4th International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 - 29 May 2021, pp.191
- IX. **On basicity properties of the system of exponentials and trigonometric functions in weighted grand-lebesgue spaces**
Zeren Y., İsmailov M., Şirin F.
4th International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 - 29 May 2021, vol.1, pp.94
- X. **An Investigation on Fractional Maximal Operatör in Time Scales**
AKIN L., ZEREN Y.
International Conference of Mathematical Advances and Applications, Turkey, 24 June 2020, vol.3
- XI. **Spectral properties of the problem on vibrations of a loaded string in weighted grand Lebesgue spaces**
Zeren Y.
International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 24 - 27 June 2020, pp.79
- XII. **Korovkin-type theorems and their statistical versions in the weighted grand-Lebesgue spaces**
Zeren Y.
ICOMAA 2020, İstanbul, Turkey, 24 June - 27 August 2020, pp.65
- XIII. **A Brief Introduction to Henstock Kurzweil Integral**
Aksoy K., Zeren Y.
3rd International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 24 - 27 June 2020, pp.119
- XIV. **Using HOL4 for the Reliability Verification of Parity Checking Circuit**
Deniz E., Aksoy K., Tahar S., ZEREN Y.

- 2nd International Conference on Mathematical Advances and Applications (ICOMAA2019), 3 - 05 May 2019
- XV. **On Spectral Properties of Second Order Discontinuous Differential Operator in $\mathbb{R} \oplus \mathbb{C}$**
 ZEREN Y., ŞİRİN F.
 2nd International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 3 - 05 May 2019,
 pp.71
- XVI. **In-service Teachers' Understanding of Geometric Reflections: Motion and Mapping view**
 ZEREN Y., ŞİRİN F.
 2nd International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 3 - 05 May 2019,
 pp.74
- XVII. **A variable exponent boundedness of the Steklov operator**
 ZEREN Y., ŞİRİN F.
 2nd International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 3 - 05 May 2019,
 pp.94
- XVIII. **On Spektral Properties of Discontinuous Differential Operators With Second Order**
 ZEREN Y., ŞİRİN F.
 2nd International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 3 - 05 May 2019
- XIX. **On Existence and Uniqueness of Some Class Nonlinear Eigenvalue Problem**
 ZEREN Y., AKIN L.
 4th INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS SEPTEMBER 11-14, 2018, KIRSEHIR /
 TURKEY, Kırşehir, Turkey, 11 - 14 September 2018, pp.188-191
- XX. **An Increase Theorem for Positive Solutions of The Parabolic Equation second order**
 Deniz E., ZEREN Y., Guliyev A., YAVUZ S.
 International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 May 2018, pp.43
- XXI. **Basis Properties of Trigonometric Systems in Weighted Morrey Spaces**
 BİLALOV B., ZEREN Y., Çetin Ş.
 International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 May 2018, pp.19
- XXII. **On solvability of some nonlinear eigenvalue problem in variable exponent Lebesgue spaces**
 MAMEDOV F. I. , ZEREN Y., Mammadli S. M.
 International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 May 2018, pp.21
- XXIII. **On a solvability for some variable exponent eigenvalue problem**
 ZEREN Y., AKIN L., ŞİMŞİR K., Kazar C.
 International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 May 2018, pp.163
- XXIV. **On the Boundedness of Fractional Maximal Operator with Variable Kernel on Herz-Morrey spaces**
 AKIN L., ZEREN Y., Düşünceli F.
 International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 May 2018, pp.98
- XXV. **On Weighted Zorko Subspaces and Riesz type Theorems for Analytic Functions**
 ZEREN Y., YAVUZ S.
 International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 May 2018, pp.162
- XXVI. **Fejer's Theorem and It's Statistical Version in $L_p(lr)$**
 ZEREN Y.
 Modern Problems of Mathematics and Mechanics, Baku, Azerbaijan, 06 December 2017, pp.231-233
- XXVII. **On the fractional maximal operator on some critical weighted Herz spaces with variable exponent Lebesgue spaces**
 AKIN L., ZEREN Y., DÜŞÜNCELİ F.
 Modern Problems of Mathematics and Mechanics, Baku, Azerbaijan, 6 - 08 December 2017, pp.21-22
- XXVIII. **On some compactness result in weighted variable exponent Lebesgue space**
 ZEREN Y., AKIN L., ŞİMŞİR K.
 Modern Problems of Mathematics and Mechanics, Baku, Azerbaijan, 6 - 08 December 2017, pp.230
- XXIX. **Fourier Series on Banach Function Space**
 YAVUZ S., ZEREN Y.
 International Conference on Operators in Morrey-Type Spaces and Applications, Kırşehir, Turkey, 10 June - 13

October 2017

- XXX. **Approximation To Generalized Riemann Derivatives By Integral Operator Families**
AKIN L., ZEREN Y., DÜŞÜNCELİ F.
Caucasian Mathematics Conference, CMC II, VAN, TURKEY, Van, Turkey, 22 - 24 August 2017, pp.26
- XXXI. **Some Questions of Harmonic Analysis in Weighted Morrey Type Spaces**
ZEREN Y.
OMTSA -2017, 10 - 13 July 2017
- XXXII. **The Boundedness of The Hardy-Littlewood Maximal Operator**
Dikmen M., ZEREN Y.
International Conference on Operators in Morrey-Type Spaces and Applications, Kırşehir, Turkey, 10 - 13 June 2017
- XXXIII. **Uncountable Bessel System in Non-Seperable Hilbert Spaces**
SAÇLI Y., ZEREN Y.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017
- XXXIV. **A Variable Exponent Hardy's Inequality for Some Nonlinear Equation and Its Application**
ŞİMŞİR K., ZEREN Y., MAMEDOV F.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017
- XXXV. **μ -statistical Convergence and μ -stat Fundemantality**
KARAÇAM C., ZEREN Y., BİLALOV B.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017
- XXXVI. **Approximation To Generalized Derivatives By Integral Operator Families**
AKIN L., ZEREN Y.
ICMME 2017, Şanlıurfa, Turkey, 11 - 13 May 2017
- XXXVII. **COMPACTNESS OF FRACTIONAL MAXIMAL OPERATOR IN WEIGHTED $L_p \times 0$ L SPACE**
ZEREN Y., AKIN L.
INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, 12 - 15 July 2016
- XXXVIII. **COMPACTNESS OF MAXIMAL OPERATOR IN WEIGHTED LEBESGUE SPACES WITH VARIABLE EXPONENT**
AKIN L., ZEREN Y.
INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, 12 - 15 July 2016
- XXXIX. **BOUNDEDNESS OF THE CALDERON ZYGMUND SINGULAR INTEGRAL OPERATOR AND ITS COMMUTATORS ON MODIFIED MORREY SPACES**
Armutçu H., ZEREN Y., Guliyev V.
INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, 12 - 15 July 2016
- XL. **ON ONE KIND OF POSITIVE OPERATORS IN LEBESGUE SPACE OF HARMONIC FUNCTIONS**
ZEREN Y., ŞİRİN F.
2nd INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATION, 01 July 2016
- XLI. **BOUNDEDNESS OF THE CALDERON-ZYGMUND SINGULAR INTEGRAL OPERATOR AND ITS COMMUTATORS ON MODIFIED MORREY SPACES**
ZEREN Y., ARMUTÇU H., S. GULIYEV V.
2nd INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATION, 01 July 2016
- XLII. **Compactness of Fractional Maximal Operator in Weighted $L^p(x)(0,1)$ Spaces**
ZEREN Y., AKIN L.
2nd INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATION, 01 July 2016
- XLIII. **ON SOME PROPERTIES OF POISSON AND CAUCHY TYPE INTEGRALS IN WEIGHTED MORREY TYPE SPACES**
ZEREN Y., ÇETİN Ş.
2nd INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATION, 01 July 2016

Supported Projects

ZEREN Y., Karaçam C., Project Supported by Higher Education Institutions, İstatistiksel Sürekli Fonksiyon Uzaylarında

Fonksiyonların Bazı özellik ve Uygulamaları, 2020 - Continues

ZEREN Y., Şirin F., Project Supported by Higher Education Institutions, İkinci Dereceden Süreksiz Bir Diferansiyel Operatörün Spektral Özellikleri, 2020 - Continues

Zeren Y., Aksoy K., Project Supported by Higher Education Institutions, Initial Value Problem for Schrödinger Equation Containing Kurzweil Henstock Integral, 2020 - 2021

Zeren Y., TÜBİTAK International Bilateral Joint Cooperation Program Project, Frame Properties of the System of Eigenfunctions of a Second Order Discontinuous Differential Operator, 2019 - 2021

Zeren Y., Akın L., Project Supported by Higher Education Institutions, İletişim Cihazlarının Yapılandırılmasında Matematiksel Modeller, 2017 - 2018

ZEREN Y., Project Supported by Higher Education Institutions, Maksimal, Potansiyel ve Singüler İntegral Operatörlerinin Modifiye edilmiş Morrey Uzaylarında Sınırlılığı, 2015 - 2016

ZEREN Y., Project Supported by Higher Education Institutions, Ağırlıklı Ve Değişken Üslü Lebesgue Uzayında Hardy Operatörünün Kompaklığı, 2014 - 2015

Activities in Scientific Journals

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, Special Issue Editor, 2018 - Continues

Scientific Refereeing

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, June 2019

CELAL BAYAR ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, May 2019

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, February 2018

TUBİTAK Project, 2221 - Sabbatical Science Support P., Yıldız Technical University, Turkey, July 2012

Scientific Consultations

Tübitak, ARDEB-Dış Danışman Değerlendirmesi, Project Consultancy, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey, 2019 - 2019

Tübitak, 4007 Bilim Şenlikleri Paneli, Project Consultancy, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey, 2018 - 2018

Tübitak, ARDEB, Project Consultancy, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey, 2018 - 2018

Tübitak, BİDEB-2221 Konuk veya Akademik İzinli Bilim İnsanı Destekleme Programı, Project Consultancy, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey, 2017 - 2017

Tübitak, 4006 İstanbul İl Temsilciliği, Project Consultancy, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey, 2017 - 2017

Tübitak, 2221 Konuk veya Akademik İzinli Bilim İnsanı Destekleme Programı, Project Consultancy, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey, 2017 - 2017

Tübitak, ARDEB-Topoloji Paneli, Project Consultancy, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey, 2017 - 2017

Tübitak, 2232 Uluslararası Lider Araştırmacılar Programı, Project Consultancy, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey, 2017 - 2017

Tasks In Event Organizations

Zeren Y., 4th International E-Conference on Mathematical Advances and Applications, Scientific Congress, Turkey, Mayıs

2021

Zeren Y., 3rd International E-Conference on Mathematical Advances and Applications, Scientific Congress, İstanbul, Turkey, Haziran 2020

Zeren Y., 2nd International Conference on Mathematical Advances and Applications (ICOMAA2019), Scientific Congress, İstanbul, Turkey, Mayıs 2019

Zeren Y., International Conference on Mathematical Advances and Applications (ICOMAA2018), Scientific Congress, İstanbul, Turkey, Mayıs 2018

Zeren Y., Eğitimcilerin Eğitimi Çalıştayı, Workshop Organization, Batman, Turkey, Haziran 2008

Mobility Activity

Erasmus Programme, Lecturing, Universitatea Alexandru Joan Cuza din Tasi, Romania, 2014 - 2014

Erasmus Programme, Lecturing, Università Degli di Lecce, Italy, 2012 - 2012

Edit Congress and Symposium Activities

2nd International Conference on Mathematical Advances and Applications (ICOMAA), Working Group, İstanbul, Turkey, 2019

4th International Conference on Analysis and its Applications (ICAA), Working Group, Kırşehir, Turkey, 2018

International Conference on Mathematical Advances and Applications (ICOMAA), Working Group, İstanbul, Turkey, 2018

Modern Problems of Mathematics and Mechanics, Working Group, Baku, Azerbaijan, 2017

2nd International Conference on Analysis and its Applications (ICAA), Working Group, Kırşehir, Turkey, 2016

Mathematical Analysis, Differential Equations and their Applications (MADEA7), Working Group, Baku, Azerbaijan, 2015

International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM14), Working Group, Antalya, Turkey, 2014

International Conference on Applied Analysis and Mathematical Modeling (ICAAMM2013), Working Group, İstanbul, Turkey, 2013

International Conference on Applied Analysis and Algebra, Working Group, İstanbul, Turkey, 2012

International Conference on Analysis and its Applications, Working Group, Aligarh, India, 2011

International Conference on Applied Analysis and Algebra, Working Group, İstanbul, Turkey, 2011

III. Ankara Matematik Günleri Sempozyumu, Working Group, Ankara, Turkey, 2008

II. Türk Dünyası Matematik Sempozyumu, Working Group, Sakarya, Turkey, 2007

Eğitimcilerin Eğitimi Semineri, Working Group, Şanlıurfa, Turkey, 2005

International Mathematics Symposium, Working Group, Baku, Azerbaijan, 2005

Citations

Total Citations (WOS):54

h-index (WOS):4

Scholarships

NATO-D, NATO, 2004 - 2004

NATO-B1, NATO, 2003 - 2003

NATO-A2, NATO, 2002 - 2002

Awards

Zeren Y., Teşekkür Belgesi, Yıldız Teknik Üniversitesi, January 2012