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Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Fakültesi/Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi, Türkiye 2005 - 2011
Yüksek Lisans-Tezsiz, Atatürk Üniversitesi, Kâzım Karabekir Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Türkiye 2000 - 2005

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Asimptotik Genişlemeyen Dönüşümlerin Ortak Sabit Noktaları İçin Yeni Yaklaşım Metotları, Atatürk Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2011

Araştırma Alanları

Matematik, Fonksiyonel Analiz , Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2018 - Devam Ediyor
Doç. Dr., Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2013 - 2018
Yrd. Doç. Dr., Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2011 - 2013

Akademik İdari Deneyim

Enstitü Müdür Yardımcısı, Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2023 - Devam Ediyor
Enstitü Müdür Yardımcısı, Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2022 - Devam Ediyor
Akademik Performans D. Kurulu Üyesi, Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2021 - Devam Ediyor
Erasmus Programı Kurum Koordinatörü, Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2017 - Devam Ediyor

Bölüm Başkan Yardımcısı, Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2020 - 2021

Verdiği Dersler

Analiz I, Lisans, 2023 - 2024
Temel Matematik, Lisans, 2023 - 2024
Diferansiyel Denklemler, Lisans, 2023 - 2024
Diferensiyel Denklemler, Lisans, 2023 - 2024
İLERİ FONKSİYONEL ANALİZ-II, Doktora, 2022 - 2023
MATEMATİK-II, Lisans, 2022 - 2023
ANALİZ-II, Lisans, 2022 - 2023
SABİT NOKTA TEORİSİ-II, Yüksek Lisans, 2022 - 2023
Analiz II, Lisans, 2021 - 2022
Matematik II, Lisans, 2021 - 2022
SABİT NOKTA TEORİSİ I, Yüksek Lisans, 2022 - 2023
Sabit Nokta Teorisi II, Yüksek Lisans, 2021 - 2022
İLERİ FONKSİYONEL ANALİZ I , Doktora, 2022 - 2023
Mesleki İngilizce, Lisans, 2021 - 2022
Matematik ı, Lisans, 2021 - 2022
Matematik I, Lisans, 2021 - 2022
Analiz I, Lisans, 2021 - 2022
Sabit Nokta Teorisi I, Yüksek Lisans, 2021 - 2022
NONLİNEER ve KONVEKS ANALİZ I, Doktora, 2021 - 2022
Ölçüm Teorisi, Lisans, 2021 - 2022
Sabit Nokta Teorisi-II, Yüksek Lisans, 2019 - 2020
Uygulamalı Matematik, Lisans, 2020 - 2021
Fonksiyonel Analiz-II, Lisans, 2019 - 2020
Analiz-III, Lisans, 2019 - 2020
Matematik-II, Lisans, 2019 - 2020
Matematik-I, Lisans, 2020 - 2021
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Sabit Nokta Teorisi-I, Yüksek Lisans, 2020 - 2021

Yönetilen Tezler

Yıldırım İ., Asimtotik genişlemeyen rastgele operatörlerin farklı sınıfları için rastgele sabit nokta sonuçları, Yüksek Lisans, M.EMİN(Öğrenci), 2023

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Jüri Üyelikleri

Doktora Yeterlik Sınavı, Doktora Yeterlik Sınavı, Atatürk Üniversitesi, Haziran, 2021

Doktora Tez İzleme Komitesi (TİK) Üyeliği, Doktora Tez İzleme Komitesi (TİK) Üyeliği, Atatürk Üniversitesi, Haziran, 2021

Doktora Yeterlik Sınavı, Doktora Yeterlik Sınavı, Atatürk Üniversitesi, Haziran, 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Approximation of fixed points for a new class of generalized non-expansivmappings in Banach spaces**
Abdeljawad T., Karaca N., YILDIRIM İ., Mukheimer A.
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II. **Refinement on fixed point results in metric and b-metric spaces**
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FILOMAT, cilt.37, sa.22, ss.7581-7588, 2023 (SCI-Expanded)

III. **A class of strongly convergent subgradient extragradient methods for solving quasimonotone variational inequalities**
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DEMONSTRATIO MATHEMATICA, cilt.56, sa.1, 2023 (SCI-Expanded)

IV. **On extended interpolative single and multivalued F-contractions**
YILDIRIM İ.
TURKISH JOURNAL OF MATHEMATICS, cilt.46, sa.3, ss.688-698, 2022 (SCI-Expanded)

V. **On the convergence and data dependence results for multistep Picard-Mann iteration process in the class of contractive-like operators**
YILDIRIM İ., ABBAS M., KARACA N.
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VI. **On convergence of an implicit algorithm for multivalued mappings in banach spaces**
YILDIRIM İ.
Miskolc Mathematical Notes, cilt.15, sa.2, ss.771-780, 2014 (SCI-Expanded)

VII. **On the convergence theorems of an implicit iteration process for asymptotically quasi I-nonexpansive mappings**
YILDIRIM İ.
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VIII. **On the convergence of an iteration method for continuous mappings on an arbitrary interval**
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IX. **A new iterative process for approximating common fixed points of nonself I-asymptotically quasi-nonexpansive mappings**
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X. **Fixed points of multivalued nonexpansive mappings in Banach spaces**
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XI. **Convergence theorems for common fixed points of asymptotically quasi-nonexpansive mappings in convex metric spaces**
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XII. **On strong convergence in real Banach spaces obtained by dropping the Lipshitz condition**
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XIII. **Weak and strong convergence of an implicit iteration process in uniformly convex banach spaces**
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XVI. **Convergence of a generalized iteration process for two finite families of Lipschitzian pseudocontractive mappings**
KHAN S. H., YILDIRIM İ., ÖZDEMİR M.
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XVII. **Approximating common fixed points of asymptotically quasi-nonexpansive mappings by a new iterative process**
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XIX. **STRONG CONVERGENCE OF AN IMPLICIT ITERATION PROCESS FOR TWO ASYMPTOTICALLY NONEXPANSIVE MAPPINGS IN BANACH SPACES**
Wang L., YILDIRIM İ., ÖZDEMİR M.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, cilt.18, sa.2, ss.281-294, 2010 (SCI-Expanded)

XX. **A new iterative process for common fixed points of finite families of non-self-asymptotically non-expansive mappings**
YILDIRIM İ., ÖZDEMİR M.
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Diğer Dergilerde Yayınlanan Makaleler

I. **ON 0-CONVEX CONTRACTIVE MAPPINGS WITH APPLICATION TO INTEGRAL EQUATIONS**
ÖZKAN M., Ozdemir M., Yildirim İ.
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II. **SOME RESULTS FOR INTERPOLATIVE CARISTI MAPPINGS IN A NEW EXTENSION OF MB— METRIC SPACES**
Gursac N., YILDIRIM İ.
Bulletin of International Mathematical Virtual Institute, 2024 (Hakemli Dergi)

III. **Interpolative type contraction mappings in G-metric spaces**
Saleem N., YILDIRIM İ., Gursac N., Hussain A.
International Journal of Nonlinear Analysis and Applications, 2024 (Hakemli Dergi)

IV. **PARALLEL ITERATION METHODS WITH APPLICATION TO VARIATIONAL INEQUALITY PROBLEMS**
CAN Y. B., KADIOĞLU KARACA N., YILDIRIM İ.
Romanian Journal of Mathematics and Computer Science, 2024 (Hakemli Dergi)

V. **RANDOM FIXED POINT RESULTS FOR GENERALIZED ASYMPTOTICALLY NONEXPANSIVE RANDOM OPERATORS**

Yildirim I., BATUHAN M. E.

Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics, cilt.72, sa.3, ss.570-586, 2023 (ESCI)

VI. **ON WEAK INTERPOLATIVE CONTRACTIONS WITH APPLICATION TO HOMOTOPY THEORY**

Yildirim İ., Sahin Y. S.

JOURNAL OF SCIENCE AND ARTS, sa.2, ss.421-430, 2023 (ESCI)

VII. **A new type random iteration scheme for random common fixed point of three operators**

Batuhan M. E., YILDIRIM İ.

Transylvanian Journal of Mathematics and Mechanics, 2023 (Hakemli Dergi)

VIII. **Fixed Point Results for F-Hardy-Rogers Contractions via Mann's Iteration Process in Complete Convex b-Metric Spaces**

Yıldırım İ.

Sahand Communications in Mathematical Analysis, cilt.19, sa.2, ss.1-14, 2022 (ESCI)

IX. **Convex Contractions of Order n In CAT(0) Spaces**

Yıldırım İ., Tekmanlı Y., Khan S. H.

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X. **Fixed Point Results for Interpolative Type Contractions via Mann Iteration Process**

Yıldırım İ.

Journal of Advanced Mathematical Studies, cilt.15, sa.1, ss.43-45, 2022 (Hakemli Dergi)

XI. **Convexity in G-metric spaces and approximation of fixed points by Mann iterative process**

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XII. **Krasnoselskii iteration process for approximating fixed points of enriched generalized nonexpansive mappings in Banach spaces**

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XIII. **Convexity in G-metric spaces and approximation of fixed points by Mann iterative proces**

Yıldırım İ., Khan S. H.

International Journal of Nonlinear Analysis and Applications, cilt.13, sa.1, ss.1957-1964, 2022 (ESCI)

XIV. **Fixed point theorems on b-metric spaces endowed with an arbitrary binary relation**

YILDIRIM İ.

The Aligarh Bulletin of Mathematics (TABMATHS), 2021 (Hakemli Dergi)

XV. **Fixed Point Theorem for Reich Contraction Mapping in Convex b-Metric Spaces**

KARACA N., YILDIRIM İ.

The Aligarh Bulletin of Mathematics (TABMATHS), 2021 (Hakemli Dergi)

XVI. **SOME FIXED POINT RESULTS IN CONE Ab-METRIC SPACE OVER BANACH ALGEBRAS WITHOUT ASSUMPTION OF NORMALITY**

YILDIRIM İ.

Journal of Advanced Mathematical Studies, 2021 (Hakemli Dergi)

XVII. **On Hardy-Rogers Type Contraction Mappings in Cone A_ {b}-metric spaces**

YILDIRIM İ.

Communications in Nonlinear Analysis, cilt.9, sa.2, ss.1-16, 2021 (Hakemli Dergi)

XVIII. **Fixed point results for Zamfirescu mappings in A-metric spaces**

YILDIRIM İ.

Turkish Journal of Mathematics and Computer Science, cilt.13, ss.221-225, 2021 (Hakemli Dergi)

XIX. **On new fixed point results for some classes of enriched mappings in n-Banach spaces**

ŞİMŞEK E., YILDIRIM İ.

Communications in Nonlinear Analysis, cilt.9, sa.1, ss.1-15, 2021 (Hakemli Dergi)

XX. **On the Stability and Convergence of Mann Iteration Process in Convex A-Metric Spaces**

YILDIRIM İ.

Transylvanian Journal of Mathematics and Mechanics, 2021 (Hakemli Dergi)

XXI. **Fixed Point Results for Some Contraction Type Mappings in A-metric spaces**
YILDIRIM İ.
Transylvanian Journal of Mathematics and Mechanics, 2021 (Hakemli Dergi)

XXII. **Some convergence results for monotone nonexpansive mappings in ordered CAT(0) spaces**
Uddin I., Garodia C., YILDIRIM İ.
Acta Mathematica Universitatis Comenianae, cilt.90, ss.195-208, 2021 (ESCI)

XXIII. **Some results on common zeros of two finite families of accretive operators**
YILDIRIM İ., Gürsaç N., Khan S. H.
Technology Reports of Kansai University, 2020 (Scopus)

XXIV. **On The Existence Of Coincidence And Common Fixed Points Of Rational Type Contractions Via C-Class Functions In Branciari Distance Spaces**
ANSARİ A. H., YILDIRIM İ., AYDİ H., FELHİ A.
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XXV. **COUPLED FIXED POINT THEOREMS FOR RATIONAL TYPE CONTRACTIONS VIA C-CLASS FUNCTIONS**
Ansari A. H., Moeini B., YILDIRIM İ., Oprea A. M.
International Journal of Nonlinear Analysis and Applications, 2019 (Scopus)

XXVI. **Some results for nonexpansive mappings on metric spaces**
YILDIRIM İ., KHAN S. H.
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XXVII. **New Fixed Point Results via C-class Functions in b-Rectangular Metric Spaces**
ANSARİ A. H., AYDİ H., KUMARİ S., YILDIRIM İ.
COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, cilt.9, sa.2, ss.109-126, 2018 (ESCI)

XXVIII. **Some new fixed point results in b-metric spaces**
YILDIRIM İ., ANSARİ A. H.
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XXIX. **COUPLED FIXED POINT THEOREMS WITH C-CLASS FUNCTIONS**
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XXX. **Convergence Rate of Implicit Iteration Process and a Data Dependence Result**
YILDIRIM İ., ABBAS M.
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XXXI. **On the rate of convergence of different implicit iterations in convex metric spaces**
YILDIRIM İ.
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XXXII. **A CONVERGENCE ANALYSIS OF THREE-STEPNEWTON-LIKE METHOD UNDER WEAK CONDITIONS INBANACH SPACES**
KARACA N., YILDIRIM İ.
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XXXIII. **Fixed point theorems for mappings involving rational type expressions with C-class functions in partial metric spaces**
YILDIRIM İ., ANSARİ A. H., KHAN M. S., BRİAN F.
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XXXIV. **STRONG AND WEAK CONVERGENCE OF AN ITERATIVE PROCESS FOR A FINITE FAMILY OF MULTIVALUED MAPPINGS SATISFYING THE CONDITION (C)**
YILDIRIM İ.
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XXXV. **Convergence of a Newton-like S-iteration process in R**
KARACA N., ABBAS M., YILDIRIM İ.
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XXXVI. **A new type of coupled fixed point theorem in partially orderedcomplete metric space**

YILDIRIM İ.

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XXXVII. APPROXIMATING FIXED POINTS OF TWO FINITE FAMILIES OF I-ASYMPTOTICALLY QUASI-NONEXPANSIVE MAPPINGS

YILDIRIM İ.

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XXXVIII. Common Fixed Points of Two Generalized Asymptotically Quasi Nonexpansive Mappings

KHAN S. H., YILDIRIM İ.

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XXXIX. APPROXIMATING FIXED POINTS OF NONEXPANSIVE MAPPINGSBY A FASTER ITERATION PROCESS

KARACA N., YILDIRIM İ.

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XL. Some Fixed Point Results for Uniformly Quasi Lipschitzian Mappings in Convex Metric Spaces

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XLI. On convergence of a multi step iteration process with errors for a finite family of quasi nonexpansive multi valued mappings

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XLVI. Strong convergence to common fixed points of a finite family of Z operators in normed spaces

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XLVII. On the Convergence of a New Two Step Iteration in the Class of Quasi Contractive Operators

YILDIRIM İ., ÖZDEMİR M., KIZILTUNÇ H.

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Kitap & Kitap Bölümleri

I. **Kümeler**
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II. **Sayılar**
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **Results for Monotone Nonexpansive Mappings in an Ordered CAT(0) Space**
YILDIRIM İ.
8. International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians", 9 - 11 Temmuz 2024

II. **On Almost Contraction Mappings in Hyperbolic Spaces**
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III. **Some results on generalized nonexpansive mappings**
YILDIRIM İ.
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IV. **Stability and convergence analysis of a new algorithm for contraction mappings**
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V. **Fixed Point Theorems for a New Class Of Generalized Nonexpansive Mappings in Banach Spaces**
Kadıoğlu Karaca N., Yıldırım İ.
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VI. **INTERPOLATIVE CONTRACTIONS IN CONVEX b-METRIC SPACE**
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VII. **ON THE COMPARISON OF IMPLICIT AND EXPLICIT S-ITERATIVE PROCESSES**
Yıldırım İ.
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VIII. **On Fixed Point Results for Mixed Nonexpansive Mappings**
Yıldırım İ.
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IX. **Generalized alpha-beta Nonexpansive Multivalued Mappings and its Properties**
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X. **GENERALIZED $\alpha - \beta$-NONEXPANSIVE MULTIVALUED MAPPINGS AND THEIR PROPERTIES**
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XI. **Some Fixed Point Results for Almost (alpha; q)-Convex Contractive Mappings via Simulation Function**

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Metrikler

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Kongre ve Sempozyum Katılımı Faaliyetleri

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Akademi Dışı Deneyim

TÜBİTAK, Atatürk Üniversitesi, Matematik