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Kişisel Bilgiler

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Posta Adresi: Erzincan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, ERZİNCAN

Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi, Türkiye 2011 - 2014

Yüksek Lisans, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi, Türkiye 2008 - 2011

Lisans, Atatürk Üniversitesi, Fen Fakültesi, Matematik, Türkiye 2003 - 2007

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Hiperbolik Uzaylarda Özel Dönüşüm Sınıflarının Ortak Sabit Noktalarına İterativ Yaklaşımlar, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi, 2014

Yüksek Lisans, Total Asimptotik I-Genişlemeyen Dönüşümler İçin Yeni Yaklaşım Metodları, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi, 2011

Araştırma Alanları

Matematik, Fonksiyonel Analiz , Genel Matematik, Temel Bilimler

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Erzincan Binali Yıldırım Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2018 - Devam Ediyor

Yrd.Doç.Dr., Erzincan Binali Yıldırım Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2015 - 2018

Araştırma Görevlisi, Erzincan Binali Yıldırım Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2012 - 2015

Verdiği Dersler

Reel Analiz, Lisans, 2015 - 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Convergence Theorems of a Faster Iteration Process Including Multivalued Mappings with Analytical and Numerical Examples**
GÜNDÜZ B., Alagöz O., Akbulut S.
FILOMAT, cilt.32, sa.16, ss.5665-5677, 2018 (SCI-Expanded)
- II. **A One-Step-Two-Mappings Iterative Scheme for Multi-Valued Maps in W-Hyperbolic Spaces**
GÜNDÜZ B., Akbulut S.
FILOMAT, cilt.32, sa.4, ss.1403-1411, 2018 (SCI-Expanded)
- III. **Convergence Theorems for a Finite Family of I-asymptotically Nonexpansive Mappings in Banach Spaces**
GÜNDÜZ B., Akbulut S.
CHIANG MAI JOURNAL OF SCIENCE, cilt.44, sa.3, ss.1144-1153, 2017 (SCI-Expanded)
- IV. **Fixed Points of a Finite Family of I-Asymptotically Quasi-Nonexpansive Mappings in a Convex Metric Space**
Gunduz B.
FILOMAT, cilt.31, sa.7, ss.2175-2182, 2017 (SCI-Expanded)
- V. **Convergence theorems for a family of multivalued nonexpansive mappings in hyperbolic spaces**
Alagöz O., GÜNDÜZ B., Akbulut S.
OPEN MATHEMATICS, cilt.14, ss.1065-1073, 2016 (SCI-Expanded)
- VI. **A one-step implicit iterative process for a finite family of I-nonexpansive mappings in Kohlenbach hyperbolic spaces**
Gunduz B., AKBULUT S.
MATHEMATICAL SCIENCES, cilt.10, ss.55-61, 2016 (SCI-Expanded)
- VII. **A new multistep iteration for a finite family of asymptotically quasi-nonexpansive mappings in convex metric spaces**
GÜNDÜZ B.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, cilt.9, sa.3, ss.1365-1372, 2016 (SCI-Expanded)
- VIII. **Solving nonlinear phi-strongly accretive operator equations by a one-step-two-mappings iterative scheme**
Khan S. H., GÜNDÜZ B., Akbulut S.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, cilt.8, sa.5, ss.837-846, 2015 (SCI-Expanded)
- IX. **On convergence of an implicit iterative algorithm for non self asymptotically non expansive mappings**
GÜNDÜZ B., Khan S. H., Akbulut S.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.43, sa.3, ss.399-411, 2014 (SCI-Expanded)
- X. **STRONG AND Delta-CONVERGENCE THEOREMS IN HYPERBOLIC SPACES**
GÜNDÜZ B., Akbulut S.
MISKOLC MATHEMATICAL NOTES, cilt.14, sa.3, ss.915-925, 2013 (SCI-Expanded)
- XI. **STRONG CONVERGENCE OF AN EXPLICIT ITERATION PROCESS FOR A FINITE FAMILY OF ASYMPTOTICALLY QUASI-NONEXPANSIVE MAPPINGS IN CONVEX METRIC SPACES**
GÜNDÜZ B., Akbulut S.
MISKOLC MATHEMATICAL NOTES, cilt.14, sa.3, ss.905-913, 2013 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **FIXED POINTS OF MULTIVALUED NONEXPANSIVE MAPPINGS IN KOHLENBACH HYPERBOLIC SPACE**
GÜNDÜZ B., AYDOĞDU E., AYGÜN H.
Journal of Computational Analysis and Applications, cilt.26, sa.3, ss.509-519, 2019 (Scopus)
- II. **Convergence of SP iterative scheme for three multivalued mappings in hyperbolic space**
GÜNDÜZ B., KARAHAN İ.
Journal Of Computational Analysis And Applications, cilt.25, sa.5, ss.815-827, 2018 (Scopus)

- III. **An implicit iteration process for I-nonexpansive mappings in Kohlenbach hyperbolic spaces**
GÜNDÜZ B.
Palestine journal of mathematics, sa.7, ss.512-520, 2018 (Scopus)
- IV. **Fixed point of nonself total asymptotically nonexpansive mappings in Banach spaces**
GÜNDÜZ B., Dutta H., KILIÇMAN a.
Applied Sciences, cilt.20, ss.102-116, 2018 (Scopus)
- V. **A convergence theorem in generalized convex cone metric spaces**
GÜNDÜZ B.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, cilt.67, ss.147-155, 2018 (Hakemli Dergi)
- VI. **NUMERICAL RECKONING FIXED POINTS FOR BERINDE MAPPINGS VIA A FASTER ITERATION PROCESS**
ALAGÖZ O., GÜNDÜZ B., AKBULUT S.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, cilt.33, sa.2, ss.295-305, 2018 (ESCI)
- VII. **Common Fixed Points of a Finite Family of I-Asymptotically Nonexpansive Mappings by S-Iteration Process in Banach Spaces**
GÜNDÜZ B., AKBULUT S.
THAI JOURNAL OF MATHEMATICS, cilt.15, sa.3, ss.673-687, 2017 (ESCI)
- VIII. **On the convergence of an iteration process for nonself totally asymptotically I-quasi-nonexpansive mappings**
GÜNDÜZ B., Dutta H.
Proceedings of the Jangjeon Mathematical Society, cilt.2017, sa.20, ss.377-389, 2017 (Scopus)
- IX. **A new two step iterative scheme for a finite family of nonself I-asymptotically nonexpansive mappings in Banach space**
GÜNDÜZ B.
New Trends in Mathematical Sciences, cilt.2017, sa.5, ss.16-28, 2017 (Hakemli Dergi)
- X. **CONVERGENCE OF A NEW MULTISTEP ITERATION IN CONVEX CONE METRIC SPACES**
Gunduz B.
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, cilt.32, sa.1, ss.39-46, 2017 (ESCI)
- XI. **ON THE CONVERGENCE OF AN ITERATION PROCESS FOR TOTALLY ASYMPTOTICALLY I-NONEXPANSIVE MAPPINGS**
GÜNDÜZ B., Akbulut S.
Journal of Nonlinear Analysis and Optimization, sa.7, ss.16-30, 2016 (Hakemli Dergi)
- XII. **Common fixed points of two finite families of nonexpansive mappings in Kohlenbach hyperbolic spaces**
GÜNDÜZ B., Khan S. H., Akbulut S.
JOURNAL OF NONLINEAR FUNCTIONAL ANALYSIS, cilt.2015, sa.2, ss.1-15, 2015 (ESCI)
- XIII. **Convergence Theorems of a New Three-Step Iteration for Nonself Asymptotically Nonexpansive Mappings**
GÜNDÜZ B., Akbulut S.
THAI JOURNAL OF MATHEMATICS, cilt.13, sa.2, ss.467-482, 2015 (Scopus)
- XIV. **On Weak and Strong Convergence Theorems for a Finite Family of Nonself I-asymptotically Nonexpansive Mappings**
GÜNDÜZ B., Akbulut S.
Mathematica Moravica, cilt.19, sa.2, ss.49-64, 2015 (Hakemli Dergi)
- XV. **Strong and ?-convergence of a faster iteration process in hyperbolic space**
Akbulut S., GÜNDÜZ B.
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, cilt.30, sa.3, ss.209-219, 2015 (Scopus)

- I. **Comparing Convergence Rate of $\mathbb{P}$ -Iteration with Some Faster Iteration Processes**
Alagöz O., GÜNDÜZ B., AKBULUT S.
INTERNATIONAL CONFERENCE ON MATHEMATICAL ADVANCES AND ITS APPLICATIONS, İstanbul, Türkiye, 11 - 13 Mayıs 2018
- II. **On the Approximation of Fixed Points of Multivalued Nonexpansive Mappings**
GÜNDÜZ B., SOLMAZ F., Alagöz O., AKBULUT S.
INTERNATIONAL CONFERENCE ON MATHEMATICAL ADVANCES AND ITS APPLICATIONS, İstanbul, Türkiye, 11 - 13 Mayıs 2018
- III. **On convergence of SP iteration scheme in hyperbolic space**
KARAHAN İ., GÜNDÜZ B.
International Conference in Functional Analysis dedicated to the 125th anniversary of STEFAN BANACH, Lviv, Ukrayna, 18 - 23 Eylül 2017
- IV. **Fixed point of continuous mappings defined on an arbitrary interval**
ALAGÖZ O., GÜNDÜZ B., AKBULUT S.
Caucasian Mathematics Conference CMC II, Van, Türkiye, 22 - 24 Ağustos 2017
- V. **Convergence Theorems for a Faster Iteration Process for Suzuki's Generalized Nonexpansive Mapping With Numerical Examples**
ALAGÖZ O., GÜNDÜZ B., AKBULUT S.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Türkiye, 10 - 12 Mayıs 2017
- VI. **Convergence Theorems of a Faster Iteration Process Including Multivalued Mappings with Analytical and Numerical Examples**
GÜNDÜZ B., ALAGÖZ O., AKBULUT S.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Türkiye, 10 - 12 Mayıs 2017
- VII. **A New Iteration Process for Multivalued Nonexpansive Mappings in Banach Spaces**
GÜNDÜZ B.
2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Türkiye, 18 - 21 Nisan 2017
- VIII. **Convergence Theorems for a Family of Multivalued Mappings in Hyperbolic Spaces**
ALAGÖZ O., GÜNDÜZ B., AKBULUT S.
International Conference on Analysis and its Applications, Kırşehir, Türkiye, 12 - 15 Temmuz 2016
- IX. **Modüler Fonksiyon Uzaylarında Küme Değerli Dönüşümlerin Sabit Noktaları**
ALAGÖZ O., GÜNDÜZ B., AKBULUT S.
10. Ankara Matematik Günleri, Ankara, Türkiye, 26 - 27 Mayıs 2016
- X. **Convergence of Picard Mann Hybrid Iterative Process in Hyperbolic Spaces**
GÜNDÜZ B., TÜRKMEN E., AKBULUT S.
International Conference on Advancements in Mathematical Sciences, Antalya, Türkiye, 5 - 07 Kasım 2015
- XI. **Konveks metrik uzaylarda I asimptotik quasi genişlemeyen dönüşümlerin sonlu bir ailesi için hatalı Ishikawa iterasyonunun yakınsaması**
GÜNDÜZ B., AKBULUT S.
7. Ankara Matematik Günleri, Ankara, Türkiye, 13 - 14 Haziran 2013

Desteklenen Projeler

ÖZKAN E., KIZILTUĞ S., GÜNDÜZ B., ERİŞİR T., ÖZDİN T., Taştan M., Yükseköğretim Kurumları Destekli Proje, 31. Ulusal Matematik Sempozyumu, 2018 - 2018

Metrikler

Yayın: 37

Atıf (WoS): 28

Atif (Scopus): 27

H-İndeks (WoS): 3

H-İndeks (Scopus): 3