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Öğrenim Bilgisi

Doktora

1996 - 2002

Van Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Türkiye

Yüksek Lisans

1994 - 1996

Van Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli),
Türkiye

Lisans

1990 - 1994

Fırat Üniversitesi, Fen Fakültesi, Matematik Bölümü, Türkiye

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Bazı Yeni Dizi Uzayları ve Matris Dönüşümleri, Van Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2002

Yüksek Lisans, Değiştirilmiş Ortalamalar, Van Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1996

Akademik Unvanlar / Görevler

Prof.Dr.

2012 - Devam Ediyor

Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Matematik Müh.Bölümü

Doç.Dr.

2010 - 2011

Indiana University Bloomington, THE COLLEGE OF ARTS & SCIENCES, Department
of Mathematics

Doç.Dr.

2009 - 2011

Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Matematik Müh.Bölümü

Doç.Dr.
2006 - 2009

Adıyaman Üniversitesi, Eğitim Fakültesi

Dr.Öğr.Üyesi
2005 - 2006

Adıyaman Üniversitesi, Eğitim Fakültesi

Dr.Öğr.Üyesi
2003 - 2005

Gaziantep Üniversitesi, Adıyaman Eğitim Fakültesi

Araştırma Görevlisi Dr.
2002 - 2003

Van Yüzüncü Yıl Üniversitesi, Fen Fakültesi, Matematik Bölümü

Araştırma Görevlisi
1994 - 2002

Van Yüzüncü Yıl Üniversitesi, Fen Fakültesi, Matematik Bölümü

Desteklenen Projeler

1. Karakaya V., Sekman D., Şimşek N., Yükseköğretim Kurumları Destekli Proje, Kompakt Olmama Ölçüsüne Göre Darbo Tipi Dönüşümlerin Bazı Genellemeleri ve F- Contraction Altında Sabit Noktanın Varlığının Araştırılması, 2017 - 2019
2. KARAKAYA V., Yükseköğretim Kurumları Destekli Proje, Sabit Nokta Yaklaşımlarıyla Bazı Diferansiyel ve Integral Denklemlerin Çözümleri, 2016 - 2017
3. KARAKAYA V., Yükseköğretim Kurumları Destekli Proje, Bazı Geometrik özellikler ve sabit nokta iterasyonları, 2014 - 2016
4. KARAKAYA V., Yükseköğretim Kurumları Destekli Proje, Sabit Nokta Teorisi ve sezgisel Fuzzy normlu uzaylarda bazı uygulamaları, 2012 - 2014
5. KARAKAYA V., Yükseköğretim Kurumları Destekli Proje, Bazı Yeni Sabit Nokta İterasyon yöntemlerinin Yakınsaklıklarının ve Kararlılıklarının İncelenmesi, 2012 - 2014
6. Karakaya V., Ertürk M., TÜBİTAK Projesi, Sezgisel Fuzzy (Intuitionistic Fuzzy) Normlu Uzaylarda Bazı Yeni Kavramlar ve Uygulamaları, 2011 - 2013
7. Karakaya V., Mursaleen M., TÜBİTAK Projesi, Sezgisel Fuzzy Uzaylarda Bazı Topolojik Kavramlar, 2010 - 2010
8. Karakaya V., Yükseköğretim Kurumları Destekli Proje, Üst Üçgensel Çift Bant Matrislerinin Fine Spektrumu, 2009 - 2009
9. Karakaya V., TÜBİTAK Projesi, Dinamik Sistemler ve Kaos, 2008 - 2008

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. **Variational Inequality Problem Involving Multivalued Nonexpansive Mapping in CAT(0) Spaces**
GÜRSOY F., Hacıoğlu E., KARAKAYA V., Milovanovic G., Uddin I.
RESULTS IN MATHEMATICS, cilt.77, sa.3, 2022 (SCI-Expanded)
2. **Controlling Chaos for Multistep Iteration Process and Its Special Iterations in Discrete Dynamical Systems**
SEKMAN D., KARAKAYA V.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, cilt.32, sa.02, 2022 (SCI-Expanded)
3. **Fixed Point Theorems for Operators with Certain Condition in p-Uniformly Convex Metric Spaces**
Knefati M., KARAKAYA V.

- NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, cilt.43, sa.16, ss.1884-1900, 2022 (SCI-Expanded)
4. **PICARD TYPE ITERATIVE METHOD WITH APPLICATIONS TO MINIMIZATION PROBLEMS AND SPLIT FEASIBILITY PROBLEMS**
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 5. **Coincidences of Nonself Operators by a Simpler Algorithm**
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NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, cilt.41, sa.2, ss.192-208, 2020 (SCI-Expanded)
 6. **An iterative method and its application to stable inversion**
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 7. **Weak w_2 -stability and data dependence of Mann iteration method in Hilbert spaces**
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 8. **ON BEHAVIOUR OF DARBO FIXED POINT THEOREM UNDER FUNCTION SEQUENCES**
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 9. **Approaches of linear operators in the intuitionistic fuzzy 2-Banach spaces**
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LOGIC JOURNAL OF THE IGPL, cilt.26, sa.5, ss.453-463, 2018 (SCI-Expanded)
 10. **The local and semilocal convergence analysis of new Newton-like iteration methods**
KARAKAYA V., Dogan K., Atalan Y., BOUZARA N. E. H.
TURKISH JOURNAL OF MATHEMATICS, cilt.42, sa.3, ss.735-751, 2018 (SCI-Expanded)
 11. **Convergence and Data Dependency of Normal-S Iterative Method for Discontinuous Operators on Banach Space**
Gursoy F., KHAN A. R., Erturk M., KARAKAYA V.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, cilt.39, sa.3, ss.322-345, 2018 (SCI-Expanded)
 12. **MODIFIED PICARD TYPE ITERATIVE ALGORITHM FOR NONEXPANSIVE MAPPINGS**
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 13. **n-Tuplet Coincidence Point Theorems in Partially Ordered Probabilistic Metric Spaces**
Karaaslan A. A., KARAKAYA V.
JOURNAL OF FUNCTION SPACES, cilt.2018, 2018 (SCI-Expanded)
 14. **SOME FIXED POINT RESULTS FOR A NEW THREE STEPS ITERATION PROCESS IN BANACH SPACES**
KARAKAYA V., Atalan Y., Dogan K., Bouzara N. E. H.
FIXED POINT THEORY, cilt.18, sa.2, ss.625-640, 2017 (SCI-Expanded)
 15. **Existence and convergence for a new multivalued hybrid mapping in $CAT(\kappa)$ spaces**
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CARPATHIAN JOURNAL OF MATHEMATICS, cilt.33, sa.3, ss.319-326, 2017 (SCI-Expanded)
 16. **ITERATIVE SOLUTION OF FUNCTIONAL VOLTERRA-FREDHOLM INTEGRAL EQUATION WITH DEVIATING ARGUMENT**
Atalan Y., KARAKAYA V.
JOURNAL OF NONLINEAR AND CONVEX ANALYSIS, cilt.18, sa.4, ss.675-684, 2017 (SCI-Expanded)
 17. **ON FINE SPECTRA AND SUBSPECTRUM (APPROXIMATE POINT, DEFECT AND COMPRESSION) OF OPERATOR WITH PERIODIC COEFFICIENTS**
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 18. **CONVERGENCE AND DATA DEPENDENCE RESULTS FOR HEMICONTRACTIVE OPERATORS**
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19. **Operator ideal of s-type operators using weighted mean sequence space**
ERDOĞAN E., KARAKAYA V.
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20. **Jungck-Khan iterative scheme and higher convergence rate**
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21. **NOTES ON THE SPECTRAL PROPERTIES OF THE WEIGHTED MEAN DIFFERENCE OPERATOR $G(u, v; \Delta)$ OVER THE SEQUENCE SPACE $l(1)$**
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22. **Notes on the spectral properties of the weighted mean difference operator $G(u, v; \delta)$ over the sequence space l_1**
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23. **New Matrix Domain Derived by the Matrix Product**
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FILOMAT, cilt.30, sa.5, ss.1233-1241, 2016 (SCI-Expanded)
24. **Some convergence and data dependence results for various fixed point iterative methods**
KARAKAYA V., Gursoy F., Erturk M.
KUWAIT JOURNAL OF SCIENCE, cilt.43, sa.1, ss.112-128, 2016 (SCI-Expanded)
25. **Operators ideals of generalized modular spaces of ceáro type defined by weighted means**
Şimşek N., KARAKAYA V., Polat H.
Journal of Computational Analysis and Applications, cilt.19, sa.5, ss.804-811, 2015 (SCI-Expanded)
26. **OPERATORS IDEALS OF GENERALIZED MODULAR SPACES OF CESARO TYPE DEFINED BY WEIGHTED MEANS**
Simsek N., KARAKAYA V., Polat H.
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27. **Korovkin type approximation theorems for weighted alpha beta-statistical convergence**
KARAKAYA V., Karaisa A.
BULLETIN OF MATHEMATICAL SCIENCES, cilt.5, sa.2, ss.159-169, 2015 (SCI-Expanded)
28. **On Ideal Convergence of Sequences of Functions in Intuitionistic Fuzzy Normed Spaces**
KARAKAYA V., Şimşek N., Ertürk M., Gürsoy F.
APPLIED MATHEMATICS & INFORMATION SCIENCES, cilt.8, sa.5, ss.2307-2313, 2014 (SCI-Expanded)
29. **ON SPECTRAL PROPERTIES OF A NEW OPERATOR OVER SEQUENCE SPACES c AND $c(0)$**
ERDOĞAN E., KARAKAYA V.
ACTA MATHEMATICA SCIENTIA, cilt.34, sa.5, ss.1481-1494, 2014 (SCI-Expanded)
30. **Some geometric properties of a new difference sequence space defined by de la Vallee-Poussin mean**
Et M., Karakas M., KARAKAYA V.
APPLIED MATHEMATICS AND COMPUTATION, cilt.234, ss.237-244, 2014 (SCI-Expanded)
31. **Banach-Saks Type and Gurarii Modulus of Convexity of Some Banach Sequence Spaces**
Hudzik H., KARAKAYA V., Mursaleen M., Simsek N.
ABSTRACT AND APPLIED ANALYSIS, 2014 (SCI-Expanded)
32. **A New Difference Sequence Set of Order alpha and Its Geometrical Properties**
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33. **Some Convergence and Stability Results for Two New Kirk Type Hybrid Fixed Point Iterative Algorithms**
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JOURNAL OF FUNCTION SPACES, 2014 (SCI-Expanded)
34. **On Cluster Points, Continuity, and Boundedness Associated with the Generalized Statistical**

Convergence in Probabilistic Normed Spaces

Das P., Dutta K., KARAKAYA V.

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35. **On Some Geometric Properties of a New Paranormed Sequence Space**
KARAKAYA V., Altun F.
JOURNAL OF FUNCTION SPACES, 2014 (SCI-Expanded)
36. **Some Convergence and Stability Results for the Kirk Multistep and Kirk-SP Fixed Point Iterative Algorithms**
Gursoy F. F., KARAKAYA V., Rhoades B. E.
ABSTRACT AND APPLIED ANALYSIS, 2014 (SCI-Expanded)
37. **n-Tuplet Coincidence Point Theorems in Intuitionistic Fuzzy Normed Spaces**
Erturk M., KARAKAYA V.
JOURNAL OF FUNCTION SPACES, 2014 (SCI-Expanded)
38. **Lacunary statistical convergence of sequences of functions in intuitionistic fuzzy normed space**
KARAKAYA V., Simsek N., GURSOY F., ERTURK M.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, cilt.26, sa.3, ss.1289-1299, 2014 (SCI-Expanded)
39. **Existence of Tripled Fixed Points for a Class of Condensing Operators in Banach Spaces**
KARAKAYA V., BOUZARA N. E. H., DOGAN K., ATALAN Y.
SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)
40. **On the Convergence and Stability Results for a New General Iterative Process**
Dogan K., KARAKAYA V.
SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)
41. **SOME GEOMETRIC PROPERTIES OF A NEW DIFFERENCE SEQUENCE SPACE INVOLVING LACUNARY SEQUENCES**
Karakas M., Et M., KARAKAYA V.
ACTA MATHEMATICA SCIENTIA, cilt.33, sa.6, ss.1711-1720, 2013 (SCI-Expanded)
42. **Some paranormed Euler sequence spaces of difference sequences of order m**
KARAKAYA V., Savas E., Polat H.
MATHEMATICA SLOVACA, cilt.63, sa.4, ss.849-862, 2013 (SCI-Expanded)
43. **Investigation of shielding properties of some boron compounds**
İÇELLİ O., Mann K. S., YALÇIN Z., Orak S., KARAKAYA V.
ANNALS OF NUCLEAR ENERGY, cilt.55, ss.341-350, 2013 (SCI-Expanded)
44. **On Geometrical Properties of Some Banach Spaces**
Simsek N., Savas E., KARAKAYA V.
APPLIED MATHEMATICS & INFORMATION SCIENCES, cilt.7, sa.1, ss.295-300, 2013 (SCI-Expanded)
45. **On Some Further Generalizations of Strong Convergence in Probabilistic Metric Spaces Using Ideals**
Das P., Dutta K., KARAKAYA V., Ghosal S.
ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)
46. **Data Dependence Results for Multistep and CR Iterative Schemes in the Class of Contractive-Like Operators**
KARAKAYA V., Gursoy F., Dogan K., Erturk M.
ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)
47. **n-tuplet fixed point theorems for contractive type mappings in partially ordered metric spaces**
Erturk M., KARAKAYA V.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
48. **Data dependence results of new multi-step and S-iterative schemes for contractive-like operators**
Gursoy F., KARAKAYA V., Rhoades B. E.
FIXED POINT THEORY AND APPLICATIONS, 2013 (SCI-Expanded)
49. **Fixed Point of a New Three-Step Iteration Algorithm under Contractive-Like Operators over Normed Spaces**
KARAKAYA V., Doğan K., Gürsoy F., Ertürk M.

- ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)
50. **Weighted statistical convergence and its application to Korovkin type approximation theorem**
Mursaleen M., Karakaya V., Erturk M., Gursoy F.
APPLIED MATHEMATICS AND COMPUTATION, cilt.218, sa.18, ss.9132-9137, 2012 (SCI-Expanded)
 51. **On the fine spectrum of the second order difference operator over the sequence spaces $l(p)$ and $bv(p)$, ($1 < p < \infty$)**
Karakaya V., Manafov M. D., Simsek N.
MATHEMATICAL AND COMPUTER MODELLING, cilt.55, ss.426-431, 2012 (SCI-Expanded)
 52. **λ -Statistical Convergence of Sequences of Functions in Intuitionistic Fuzzy Normed Spaces**
KARAKAYA V., Simsek N., Erturk M., Gursoy F.
JOURNAL OF FUNCTION SPACES AND APPLICATIONS, 2012 (SCI-Expanded)
 53. **On Some Properties of New Paranormed Sequence Space of Nonabsolute Type**
KARAKAYA V., Simsek N.
ABSTRACT AND APPLIED ANALYSIS, 2012 (SCI-Expanded)
 54. **Statistical Convergence of Sequences of Functions in Intuitionistic Fuzzy Normed Spaces**
KARAKAYA V., Simsek N., Erturk M., Gursoy F.
ABSTRACT AND APPLIED ANALYSIS, 2012 (SCI-Expanded)
 55. **ON SOME VECTOR VALUED GENERALIZED DIFFERENCE MODULAR SEQUENCE SPACES**
KARAKAYA V., Dutta H.
FILOMAT, cilt.25, sa.3, ss.15-27, 2011 (SCI-Expanded)
 56. **On paranormed λ -sequence spaces of non-absolute type**
KARAKAYA V., Noman A., Polat H.
MATHEMATICAL AND COMPUTER MODELLING, cilt.54, ss.1473-1480, 2011 (SCI-Expanded)
 57. **Measure of noncompactness of matrix operators on some difference sequence spaces of weighted means**
Mursaleen M., KARAKAYA V., Polat H., Şimşek N.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, cilt.62, sa.2, ss.814-820, 2011 (SCI-Expanded)
 58. **Difference sequence spaces derived by using a generalized weighted mean**
Polat H., KARAKAYA V., Şimşek N.
APPLIED MATHEMATICS LETTERS, cilt.24, sa.5, ss.608-614, 2011 (SCI-Expanded)
 59. **On almost p -bounded variation of lacunary sequences**
KARAKAYA V., Savaş E.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, cilt.61, sa.6, ss.1502-1506, 2011 (SCI-Expanded)
 60. **Some new paranormed sequence spaces defined by Euler and difference operators**
KARAKAYA V., Polat H.
Acta Scientiarum Mathematicarum, cilt.76, ss.87-100, 2010 (SCI-Expanded)
 61. **SOME GEOMETRIC AND TOPOLOGICAL PROPERTIES OF A NEW SEQUENCE SPACE DEFINED BY DE LA VALLEE-POUSSIN MEAN**
Simsek N., Savas E., KARAKAYA V.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, cilt.12, sa.4, ss.768-779, 2010 (SCI-Expanded)
 62. **Fine spectra of upper triangular double-band matrices**
KARAKAYA V., Altun M.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.234, sa.5, ss.1387-1394, 2010 (SCI-Expanded)
 63. **Schauder Basis, Separability, and Approximation Property in Intuitionistic Fuzzy Normed Space**
Mursaleen M., KARAKAYA V., Mohiuddine S.
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 64. **WEIGHTED STATISTICAL CONVERGENCE**
Karakaya V., Chishti T.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, cilt.33, ss.219-223, 2009 (SCI-Expanded)
 65. **Some $l(p)$ -Type New Sequence Spaces and Their Geometric Properties**

- Savas E., KARAKAYA V., Şimşek N.
 ABSTRACT AND APPLIED ANALYSIS, 2009 (SCI-Expanded)
66. **On Some Geometrical Properties of Generalized Modular Spaces of Cesaro Type Defined by Weighted Means**
 Simsek N., Şimşek N., KARAKAYA V.
 JOURNAL OF INEQUALITIES AND APPLICATIONS, 2009 (SCI-Expanded)
67. **Some new sequence spaces defined by lacunary sequences**
 Savas E., Karakaya V.
 MATHEMATICA SLOVACA, cilt.57, sa.4, ss.393-399, 2007 (SCI-Expanded)
68. **Some geometric properties of sequence spaces involving lacunary sequence**
 KARAKAYA V.
 JOURNAL OF INEQUALITIES AND APPLICATIONS, 2007 (SCI-Expanded)
69. **Some new sequence spaces defined by a sequence of Orlicz functions**
 KARAKAYA V.
 TAIWANESE JOURNAL OF MATHEMATICS, cilt.9, sa.4, ss.617-627, 2005 (SCI-Expanded)
70. **On lacunary sigma-statistical convergence**
 KARAKAYA V.
 INFORMATION SCIENCES, cilt.166, ss.271-280, 2004 (SCI-Expanded)
71. **On lacunary invariant sequence spaces defined by a sequence of modulus functions**
 KARAKAYA V., Şimşek N.
 APPLIED MATHEMATICS AND COMPUTATION, cilt.156, sa.3, ss.597-603, 2004 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

1. **APPROXIMATE FIXED POINT PROPERTY IN IFNS**
 ERTÜRK M., KARAKAYA V., Mursaleen M.
 TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.12, sa.1, ss.329-346, 2022 (ESCI)
2. **Convergence of Jungck-Kirk Type Iteration Method with Applications**
 MALDAR S., KARAKAYA V.
 PUNJAB UNIVERSITY JOURNAL OF MATHEMATICS, cilt.54, sa.2, ss.75-87, 2022 (ESCI)
3. **A NEW TYPE OF CONTRACTION VIA MEASURE OF NON-COMPACTNESS WITH AN APPLICATION TO VOLTERRA INTEGRAL EQUATION**
 KARAKAYA V., SEKMAN D.
 PUBLICATIONS DE L INSTITUT MATHEMATIQUE-BEOGRAD, cilt.111, sa.125, ss.111-121, 2022 (ESCI)
4. **On Modeling of the Mathematical Objects from the Philosophy of Mathematics**
 KARAKAYA V.
 BEYTULHIKME-AN INTERNATIONAL JOURNAL OF PHILOSOPHY, cilt.11, sa.3, ss.1143-1156, 2021 (ESCI)
5. **Some Fixed Point Results for a New Multivalued Hybrid Mapping in Geodesic Spaces**
 HACIOĞLU E., KARAKAYA V.
 THAI JOURNAL OF MATHEMATICS, cilt.19, sa.2, ss.571-581, 2021 (ESCI)
6. **On F-Weak Contraction of Generalized Multivalued Integral Type Mappings with alpha-admissible**
 KARAKAYA V., ŞİMŞEK N., SEKMAN D.
 SAHAND COMMUNICATIONS IN MATHEMATICAL ANALYSIS, cilt.17, sa.1, ss.57-67, 2020 (ESCI)
7. **An Example of Data Dependence Result for The Class of Almost Contraction Mappings**
 Atalan Y., KARAKAYA V.
 SAHAND COMMUNICATIONS IN MATHEMATICAL ANALYSIS, cilt.17, sa.1, ss.139-155, 2020 (ESCI)
8. **An application of function sequences to the Darbo's theorem with integral type transformations**
 KARAKAYA V., SEKMAN D.
 Journal of Mathematical Extension, cilt.14, sa.4, 2020 (ESCI)
9. **SOME FIXED POINT RESULTS IN THE GENERALIZED CONVEX METRIC SPACES**

- Doğan K., Gürsoy F., Karakaya V.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.10, sa.1, ss.11-23, 2020 (ESCI)
10. **SOME NEW RESULTS ON CONVERGENCE, STABILITY AND DATA DEPENDENCE IN n -NORMED SPACES**
Dogan K., Gursoy F., KARAKAYA V., Khan S. H.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, cilt.69, sa.1, ss.112-122, 2020 (ESCI)
11. **Obtaining new fixed point theorems by using generalized Banach-Contraction Principle**
Atalan Y., Karakaya V.
Erciyes University Journal of Institute of Science and Technology, cilt.35, sa.3, ss.34-45, 2019 (Hakemli Dergi)
12. **SOME FIXED POINT RESULTS FOR CONTINUOUS FUNCTIONS ON AN ARBITRARY INTERVALS**
Dogan K., Gursoy F., KARAKAYA V.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, cilt.37, sa.3, ss.755-767, 2019 (ESCI)
13. **MEASURE OF NONCOMPACTNESS IN THE STUDY OF SOLUTIONS FOR A SYSTEM OF INTEGRAL EQUATIONS**
KARAKAYA V., Mursaleen M., Bouzara N. E. H., Sekman D.
JOURNAL OF THE INDONESIAN MATHEMATICAL SOCIETY, cilt.25, sa.1, ss.62-74, 2019 (ESCI)
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90. **Convergence Analysis for Various İterative Procedures and a Data Dependence Result**
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91. **Comparison of The Speed of Convergence Among Various Iterative Schemes**
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95. **n-Tuplet Fixed Point Theorems in Partially Ordered Metric Space**
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97. **Operators Ideal of Generalized Modular Spaces of Cesaro Type Defined by Weighted Means**
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98. **n-Tuplet Fixed Point Theorems in Partially Ordered Metric Space**
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99. **Convergence results for Jungck SP and Jungck Noor type iteration algorithms in convex metric spaces**
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100. **Convergence and stability results for a new general iterative process**
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101. **Some Convergence Results For Jungck Noor and Jungck Thianwan Hybrid Type Iterative Procedures**
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102. **n-Tuplet Fixed Point Theorems in Intuitionistic Fuzzy Normed Spaces**
KARAKAYA V.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Türkiye, 2 - 03 Haziran 2013
103. **On The Convergence Of A New Iterative Scheme For The Class of Contractive Like Operators**
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104. **Some convergence and stability results for Kirk Multistep and Kirk-SP fixed point algorithms when dealing with contractive-like operators in normed linear space**
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- International Conference On Mathematical Sciences and Statistics, Kuala-Lumpur, Malezya, 5 - 08 Şubat 2013
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KARAASLAN A. A., KARAKAYA V.
- International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2012), 3 - 07 Eylül 2012
108. **The Spectrum of Matrix Operators on a Difference Sequence Space of Weighted Means**
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- International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2012), 3 - 07 Eylül 2012
109. **The Fine Spectra of a New Operator W on Sequence Space c_0**
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110. **On Some Geometric Properties of an New Paranormed Sequence Space**
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- International Conference on Applied Analysis and Application(ICAAA-2012), 19 - 24 Haziran 2012
111. **On the Ideal Convergence of Function Sequence in Intuitionistic Fuzzy Normed Spaces**
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- International Conference on Analysis and Its Applications(ICAA-11), 01 Kasım 2011
112. **Convergence Analysis for Various İterative Procedures and a Data Dependence Result**
KARAKAYA V., Atalan Y.
- International Conference on Recent Trends in Algebra and Analysis With Applications (ICRTAAA-2014)

Akademik İdari Deneyim

2015 - Devam Ediyor	Rektör	Kırşehir Ahi Evran Üniversitesi
2015 - Devam Ediyor	ÜAK DK Üyesi	Yükseköğretim Kurulu
2016 - 2019	Dekan	Kırşehir Ahi Evran Üniversitesi, İslami İlimler Fakültesi
2015 - 2015	Bölüm Başkanı	Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Matematik Müh.Bölümü
2014 - 2015	Fakülte Yönetim Kurulu Üyesi	Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi
2014 - 2015	Rektörlük Stratejik Plan Komisyonu Üyesi	Yıldız Teknik Üniversitesi, Rektörlük
2013 - 2015	ADEK Komisyonu Üyesi	Yıldız Teknik Üniversitesi, Rektörlük
2010 - 2015	Rektörlük Kalite Komisyonu Üyesi	Yıldız Teknik Üniversitesi, Rektörlük
2009 - 2015	Anabilim/Bilim Dalı Başkanı	Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Matematik Müh.Bölümü

2012 - 2013	Enstitü Müdür Yardımcısı	Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü
2009 - 2009	Fakülte Kurulu Üyesi	Adıyaman Üniversitesi, İktisadi Ve İdari Bilimler Fakültesi
2009 - 2009	Fakülte Yönetim Kurulu Üyesi	Adıyaman Üniversitesi, İktisadi Ve İdari Bilimler Fakültesi
2008 - 2009	ADEK Komisyonu Üyesi	Adıyaman Üniversitesi, Rektörlük
2008 - 2009	Fakülte Kurulu Üyesi	Adıyaman Üniversitesi, Eğitim Fakültesi
2008 - 2009	Fakülte Yönetim Kurulu Üyesi	Adıyaman Üniversitesi, Eğitim Fakültesi
2008 - 2009	Rektörlük Stratejik Plan Komisyonu Üyesi	Adıyaman Üniversitesi, Rektörlük
2007 - 2009	Enstitü Müdürü	Adıyaman Üniversitesi, Fen Bilimleri Enstitüsü
2007 - 2009	Senato Üyesi	Adıyaman Üniversitesi
2007 - 2009	BAP Bilimsel Komisyon Üyesi	Adıyaman Üniversitesi, Rektörlük
2007 - 2009	Bilimsel Ödülü Komisyonu Üyesi	Adıyaman Üniversitesi, Rektörlük
2005 - 2009	Meslek Yüksekokulu Yönetim Kurulu Üyesi	Adıyaman Üniversitesi, Gölbaşı Meslek Yüksekokulu
2007 - 2007	Dekan Yardımcısı	Adıyaman Üniversitesi, Eğitim Fakültesi
2005 - 2007	Anabilim/Bilim Dalı Başkanı	Adıyaman Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü
2005 - 2007	Bölüm Başkanı	Adıyaman Üniversitesi, Eğitim Fakültesi, İlköğretim Bölümü

Yönetilen Tezler

- Karakaya V., Geometric Properties of Banach Spaces and Some Applications, Doktora, M.Knefati(Öğrenci), Devam Ediyor
- Karakaya V., Olasılıksal Uzaylarda Sabit Nokta Teori ve Uygulamaları, Doktora, A.Aysun(Öğrenci), Devam Ediyor
- Karakaya V., Kontrol Sistemi Olarak Sabit Nokta İterasyonları ve Kaotik Diskrit Dinamik Sistemler, Doktora, D.Sekman(Öğrenci), Devam Ediyor
- Karakaya V., Küme Değerli Sabit Nokta Dönüşümleri ve İterasyonları, Doktora, E.Hacıoğlu(Öğrenci), 2018
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- Karakaya V., On Fixed Point Theorems for Single and Multivalued Mappings and Applications to Differential Problems, Doktora, N.Bouzara(Öğrenci), 2016
- Karakaya V., Farklı Dönüşümler Altında Sabit Nokta Davranışlarının İncelenmesi, Doktora, A.Maldar(Öğrenci), 2016
- Karakaya V., Bazı Geometrik Özellikler ve Sabit Nokta İterasyonları, Doktora, K.Doğan(Öğrenci), 2016
- Karakaya V., Bazı İterasyon Çeşitleri ve Ağırlıklı Ortalama Matrisi, Yüksek Lisans, D.Sekman(Öğrenci), 2015
- Karakaya V., m. Dereceden Genelleştirilmiş Fark Matrisinin Bazı Dizi Uzaylarında Spektrumu, Yüksek Lisans,

S.Elmacı(Öğrenci), 2015

Karakaya V., Sabit Nokta Teorisi ve Sezgisel Fuzzy Normlu Uzaylarda Bazı Uygulamaları, Doktora, M.Ertürk(Öğrenci), 2014

İçelli O., Karakaya V., Fizikte bazı spektral uygulamalar, Yüksek Lisans, I.Pakize(Öğrenci), 2014

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Bilimsel Kuruluşlardaki Üyelikler / Görevler

Lise Öğretmenlerine Yönelik Olimpiyat İleri Matematik- IV. Kademe Eğitimi Çalıştayı/ İstanbul (TÜBİTAK), Danışman, 2014 - 2014

Lise Öğretmenlerine Yönelik Olimpiyat İleri Matematik- III. Kademe Eğitimi Çalıştayı/ Antalya (TÜBİTAK), Danışman, 2013 - 2013

Lise Öğretmenlerine Yönelik Olimpiyat İleri Matematik- II. Kademe Eğitimi Çalıştayı / İstanbul (TÜBİTAK) , Danışman, 2012 - 2012

Lise Öğretmenlerine Yönelik Olimpiyat İleri Matematik- I. Kademe Eğitimi Çalıştayı/ İstanbul (TÜBİTAK) , Danışman, 2011 - 2011

Eğitmcilerin Eğitimi Çalıştayı- Eğitimde Proje Danışmanlığı/ Adıyaman (TÜBİTAK), Danışman, 2008 - 2009

Eğitmcilerin Eğitimi Çalıştayı- Eğitimde Proje Danışmanlığı/ Erzincan (TÜBİTAK), Danışman, 2008 - 2008

Eğitmcilerin Eğitimi Çalıştayı- Eğitimde Proje Danışmanlığı/ Batman (TÜBİTAK), Danışman, 2008 - 2008

Yenilenen İlköğretim Programı Paylaşım Seminerleri/ Ankara (MEB), Danışman, 2006 - 2006

Bilimsel Hakemlikler

MULTIPLIERS FOR BOUNDED I2-CONVERGENT OF DOUBLE SEQUENCES, SCI Kapsamındaki Dergi, Eylül 2011

On a Class of n-normed Generalized Difference Sequences Related to the l_p -Space Defined by Orlicz Function, SCI Kapsamındaki Dergi, Eylül 2011

Statistical approximation properties of modified q-Stancu-Beta operators, SCI Kapsamındaki Dergi, Eylül 2011

SOME GEOMETRIC PROPERTIES OF LACUNARY SEQUENCE SPACES RELATED TO FIXED POINT PROPERTY, SCI Kapsamındaki Dergi, Ağustos 2011

\Notes on the Spectrum of Lower Triangular Double-Band Matrices, SCI Kapsamındaki Dergi, Temmuz 2011

On the fine spectrum of generalized upper double-band matrices δ -uv over the sequence space l_1 , SCI Kapsamındaki Dergi, Ocak 2011

Some approximations over cone locally convex complete spaces and summability, SCI Kapsamındaki Dergi, Ekim 2010

On Sigma-conservative matrices and compact operators on the space V_{σ} , SCI Kapsamındaki Dergi, Mart 2010

SOME SEQUENCE SPACES OF INVARIANT MEANS DEFINED BY MODULUS FUNCTION, SCI Kapsamındaki Dergi, Şubat 2010

On compact operators and some Euler $B(m)$ -difference sequence spaces, SCI Kapsamındaki Dergi, Kasım 2009

\Some sequence spaces of invariant means defined by modulus function, SCI Kapsamındaki Dergi, Mayıs 2009

Equivalence of methods for the summation of double sequence, SCI Kapsamındaki Dergi, Nisan 2007

Akademik Dolaşım Faaliyetleri

Araştırma Burs Programı, Misafir Araştırmacı, Indiana University Bloomington, Amerika Birleşik Devletleri, 2010 - 2011

Metrikler

Yayın: 229

Atıf (WoS): 744

Atıf (Scopus): 799

H-İndeks (WoS): 15

H-İndeks (Scopus): 15

Davetli Konuşmalar

Geçmişimizden İlhamla Geleceği İnşa Etmek, Konferans, Şule Yüksel Şenler Kız Anadolu İmam Hatip Lisesi, Türkiye, Ocak 2020

Düşünce Tarihi ve Fuat Sezgin, Konferans, Özel Kırşehir Anadolu Lisesi, Türkiye, Aralık 2019

Düşünce Tarihimiz ve Fuat Sezgin , Konferans, Beyoğlu Anadolu İmam Hatip Lisesi, Türkiye, Aralık 2019

Matematiksel Düşünce Üzerine, Konferans, Ege Üniversitesi, Türkiye, Aralık 2019

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Prof. Dr. Fuat Sezgin Bakışıyla Matematiksel Düşüncenin Tarihi, Konferans, "Müslüman Bilim Adamlarının Bilim ve Teknolojiye Katkıları" Paneli, Azerbaycan, Kasım 2019

Nesiller Mimari Olarak Öğretmenler, Konferans, Alanya Alaaddin Keykubat Üniversitesi, Türkiye, Kasım 2019

Hukuk ve Mantık, Konferans, Türkiye Adalet Akademisi, Türkiye, Ekim 2019

Yükseköğretim ve Nitelikli Gençlik, Konferans, Harran Üniversitesi, Türkiye, Eylül 2019

Prof. Dr. Fuat Sezgin Bakışıyla İslam Bilim Tarihinde Bilim ve Teknik, Konferans, Malatya Fen Lisesi, Türkiye, Nisan 2019

Günümüz Eğitim Sisteminin İhtiyaç Duyduğu Eğitici Modeli, Konferans, Niğde Ömer Halisdemir Üniversitesi, Türkiye, Mart 2019

Matematik ve Metafizik Düşünce İlişkisi, Konferans, Kırşehir Ahi Evran Üniversitesi, Türkiye, Şubat 2019

İbn-i Sina Metafiziği, Konferans, Kırşehir Ahi Evran Üniversitesi, Türkiye, Şubat 2019

İbn-i Sina'nın Metafizik Anlayışından Modern Matematiğe Bir Bakış, Konferans, Yıldız Teknik Üniversitesi, Türkiye, Aralık 2018

Bir Matematikçi Gözünden Varlık ve Hayat, Konferans, Kalıcı Değerler ve Maarif Vakfı, Türkiye, Aralık 2018

Küresel Boyutlarıyla Türkiye Ekonomisi ve Yükseköğretimin Geleceği, Çalıştay, Siirt Üniversitesi, Türkiye, Mayıs 2018

Matematik Ders Kitapları Kavram Algıları ve Yanılgıları, Konferans, Yıldız Teknik Üniversitesi, Türkiye, Nisan 2018

Evrenin Mantıksal Dili Matematik, Konferans, Kırşehir Ahi Evran Üniversitesi, Türkiye, Mart 2018

Evrenin Mantıksal Dili Matematik, Konferans, Ege Üniversitesi, Türkiye, Şubat 2018

Kudüs'e Evrensel Bakış Çalıştayı, Çalıştay, Sivas Cumhuriyet Üniversitesi, Türkiye, Aralık 2017

Yetmiş İnsan Problemimiz ve Eğitimin Gücü, Konferans, Ekonomik ve Sosyal Araştırmalar Merkezi, Türkiye, Aralık 2017

Matematik Öğretimi ve Bilimsel Düşünce İlişkisi, Konferans, Kırşehir Ahi Evran Üniversitesi, Türkiye, Kasım 2017

Matematiğin Günlük Hayatımızdaki Kullanım Yeri, Konferans, Kahramanmaraş Elbistan Fen Lisesi, Türkiye, Mart 2017

Türk Üniversitelerindeki Bilimsel Çalışmalar, Konferans, Adıyaman Üniversitesi, Türkiye, Mayıs 2014

Araştırma Alanları

Matematik, Dinamik Sistemler ve Ergodik Kuramı, Diziler, Seriler ve Toplanabilirlik, Fonksiyonel Analiz , Matematiğin Temelleri ve Matematiksel Mantık, Matematik Eğitimi, Operatör Kuramı