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Biyografi

YAYINLAR

52. Aydoğan, B., **Olgun, M.**, Smarandache, F., and Ünver, M., A decision-making approach incorporating TODIM method and sine entropy in q-rung picture fuzzy set setting, *J. Appl. Math.* 2024, 3798588.
51. Ünver, M., and **Olgun, M.**, q -rung orthopair picture fuzzy topological spaces and parameter-dependent continuity: control system applications, *Math. Probl. Eng.* 2023, 8848196
50. Bozyigit, M. C., **Olgun M.**, and Ünver, M., Circular Pythagorean fuzzy sets and applications to multi-criteria decision making, *Informatica*, 2023, 34(4), 713–742.
49. Garg, H., Ünver, M., **Olgun, M.**, and Türkarşlan, E., An extended EDAS method with circular intuitionistic fuzzy value features and its application to multi-criteria decision-making process, *Artif. Intell. Rev.* 2023, 56, 3173–3204.
48. Harish Garg, Mehmet Ünver, Büşra Aydoğan, **Murat Olgun** (2023) An extended TOPSIS and entropy measure based on Sugeno integral in Pythagorean fuzzy set setting, *Journal of Intelligent & Fuzzy Systems* 2023, 45(2), 2537-2549.
47. Harish Garg, **Murat Olgun**, Mehmet Ünver, Ezgi Türkarşlan (2023) An extension of CODAS method for multi-criteria group decision making with complex intuitionistic fuzzy information via Dombi sine weighted arithmetic aggregation operators, *Granular Computing* 2023, 8, 1467–1480.
46. Mehmet Ünver, **Murat Olgun** (2023) Continuous function valued q-rung orthopair fuzzy sets and an extended TOPSIS, *International Journal of Fuzzy Systems* 2023, 25, 2203–2217.
45. Ezgi Türkarşlan, Jun Ye, Mehmet Ünver and **Murat Olgun** (2023) Consistency fuzzy cross entropy based VIKOR approach for multi-criteria decision making, *Iranian Journal of Fuzzy Systems* (2023, 20(4), 39-56.
44. Mahmut Can Bozyigit, **Murat Olgun**, Florentin Smarandache, Mehmet Ünver (2023) A new type of neutrosophic set in Pythagorean Fuzzy environment and Applications to multi-criteria decision making, *International Journal of*

43. Ünver, Mehmet, Türkarlan, Ezgi, Ye, Jun and **Olgun, Murat** (2023). Linguistic Single And Interval-Valued Hybrid Intuitionistic Fuzzy Multi-Sets And Applications To Multi-Criteria Group Decision Making, *J. Mult-Valued Log. Soft Comput.* 2023, 41(1-2), 1-20.
42. Ünver, Mehmet, Olgun, Murat and Garg, Harish, (2023). An Information Measure Based Extended Vikor Method In Intuitionistic Fuzzy Valued Neutrosophic Value Setting For Multi-Criteria Group Decision Making, *Sci. Iran.* <https://doi.org/10.24200/SCI.2022.60039.6562>
41. Garg, Harish, **Olgun, Murat**, Türkarlan, Ezgi and Ünver, Mehmet (2022). A Choquet Integral Based Cosine Similarity Measure For Interval-Valued Intuitionistic Fuzzy Sets And An Application To Pattern Recognition, *Lobachevskii J. Math.*, 43, 2444–2452.
40. Ye Jun, Türkarlan Ezgi, Ünver Mehmet, **Olgun Murat** (2022). Algebraic And Einstein Weighted Operators Of Neutrosophic Enthalpy Values For Multi-Criteria Decision Making In Neutrosophic Multi-Valued Set Settings. *Granular Computing*, 7 (3), 479-487.
39. **Olgun Murat**, Türkarlan Ezgi, Ye Jun, Ünver Mehmet (2022). Single And Interval-Valued Hybrid Enthalpy Fuzzy Sets And A Topsis Approach For Multicriteria Group Decision Making. *Mathematical Problems In Engineering*, 2022, Doi: 10.1155/2022/2501321
38. Ünver Mehmet, **Olgun Murat**, Türkarlan Ezgi (2022). Cosine And Cotangent Similarity Measures Based On Choquet Integral For Spherical Fuzzy Sets And Applications To Pattern Recognition. *Journal Of Computational And Cognitive Engineering*, 1(1), Doi: 10.47852/Bonviewjce2022010105
37. Ünver Mehmet, Türkarlan Ezgi, Çelik Nuri, **Olgun Murat**, Ye Jun (2022). Intuitionistic Fuzzy-Valued Neutrosophic Multi-Sets And Numerical Applications To Classification. *Complex&Intelligent Systems*, 8(2), 19, Doi: 10.1007/S40747-021-00621-5
36. **Olgun Murat**, Alyıldız Tuğçe, Biçer Ödemiş Özge, Altun İshak (2021) Maia Type Fixed Point Results For Multivalued F-Contractions. *Miskolc Mathematical Notes*, 22 (2), 819-829.
35. Türkarlan Ezgi, Ünver Mehmet, **Olgun Murat** (2021). Q-Rung Orthopair Fuzzy Topological Spaces. *Lobachevskii Journal Of Mathematics*, 42, 470-478., Doi: 10.1134/S1995080221020219
34. **Olgun Murat**, Ünver Mehmet, Yardimci Şeyhmus (2021). Pythagorean Fuzzy Points and Applications In Pattern Recognition And Pythagorean Fuzzy Topologies. *Soft Computing*, 25 (7), 5225-5232 Doi: 10.1007/S00500-020-05522-2
33. **Olgun Murat**, Türkarlan Ezgi, Ünver Mehmet, Ye Jun (2021). A Cosine Similarity Measure Based on The Choquet Integral For Intuitionistic Fuzzy Sets And Its Applications To Pattern Recognition. *Informatica*, 32 (4), 849-864, Doi: 10.15388/21-Infor460
32. **Olgun Murat**, Türkarlan Ezgi, Ünver Mehmet, Ye Jun (2021). 2-Additive Choquet Similarity Measures for Multi-Period Medical Diagnosis In Single-Valued Neutrosophic Set Setting. *Neutrosophic Sets And Systems*, 45 (1), 2.
31. Türkarlan Ezgi, Ye Jun, Ünver Mehmet, **Olgun Murat** (2021). Consistency Fuzzy Sets And A Cosine Similarity Measure In Fuzzy Multiset Setting And Application To Medical Diagnosis. *Mathematical Problems In Engineering*, 2021, Doi: 10.1155/2021/9975983
30. Altun İshak, Qasim Muhammad, **Olgun Murat** (2021). A New Result Of Prešić Type Theorems With Applications To Second Order Boundary Value Problems. *Filomat*, 35, 2257-2266., Doi: 10.2298/Fil2107257a
29. Biçer Ödemiş Özge, **Olgun Murat**, Alyıldız Tuğçe, Altun İshak (2020). Some Related Fixed Point Theorems For Multivalued Mappings On Two Metric Spaces. *Carpathian Mathematical Publications*, 12(2), 392-400., Doi:

- 28.** Altun İshak, **Olgun Murat** (2020). An Existence And Uniqueness Theorem For A Fractional Boundary Value Problem Via New Fixed Point Results On Quasi Metric Spaces. *Communications In Nonlinear Science And Numerical Simulation*, 91(105462), 1-9., Doi: 10.1016/J.Cnsns.2020.105462
- 27.** Altun İshak, **Olgun Murat** (2020). Fixed Point Results For Perov Type F-Contractions And An Application. *Journal Of Fixed Point Theory And Applications*, 22(46), 1-11., Doi: 10.1007/S11784-020-00779-4.
- 26.** Ünver Mehmet, Özçelik Gökhan, **Olgun Murat** (2020). A Pre-Subadditive Fuzzy Measure Model And Its Theoretical Interpretation. *Twms (Turkic World Mathematical Society) Journal Of Applied And Engineering Mathematics*, 10(1), 270-278.
- 25.** **Olgun Murat**, Biçer Ödemiş Özge, Alyıldız Tuğçe, Altun İshak (2019). A Related Fixed Point Theorem For F-Contractions On Two Metric Spaces. *Hacettepe Journal Of Mathematics And Statistics*, 48(1), 150-156., Doi: 10.15672/Hjms.2017.517.
- 24.** **Olgun Murat**, Ünver Mehmet, Yardimci Şeyhmus (2019). Pythagorean Fuzzy Topological Spaces. *Complex & Intelligent Systems*, 5(2), 177-183., Doi: 10.1007/S40747-019-0095-2
- 23.** Aslan Hançer Hatice, **Olgun Murat**, Altun İshak (2019). Some New Types Multivalued F-Contractions On Quasi Metric Spaces And Their Fixed Points. *Carpathian Journal Of Mathematics*, 35(1), 41-50.
- 22.** Ünver Mehmet, Özçelik Gökhan, **Olgun Murat** (2018). A Fuzzy Measure Theoretical Approach For Multi Criteria Decision Making Problems Containing Sub-Criteria. *Journal Of Intelligent Fuzzy Systems*, 35(6), 6461-6468.
- 21.** Altun İshak, Durmaz Gonca, **Olgun Murat** (2018). P-Contractive Mappings On Metric Spaces. *Journal Of Nonlinear Functional Analysis*, 2018(1), 1-7., Doi: 10.23952/Jnfa.2018.43.
- 20.** **Olgun Murat**, Alyıldız Tuğçe, Biçer Özge, Altun İshak (2017). Fixed Point Results For F-Contractions On Space With Two Metrics. *Filomat*, 31(17), 5421-5426.
- 19.** Minak Gülhan, Altun İshak, **Olgun Murat** (2017). Fixed Points Of F-Contractive Type Fuzzy Mappings. *Journal Of Intelligent Fuzzy Systems*, 33(3), 1435-1439., Doi: 10.3233/Jifs-162365.
- 18.** Altun İshak, Minak Gülhan, **Olgun Murat** (2017). Classification Of Completeness Of Quasi Metric Space And Some Fixed Point Results. *Nonlinear Functional Analysis And Applications*, 22(2), 371-384.
- 17.** Katar Deniz, **Olgun Murat**, Coşkun Cafer (2016). Matrix Sturm Liouville Operators With Boundary Conditions Dependent On The Spectral Parameter. *The Journal Of Nonlinear Sciences And Applications*, 9(2), 435-442.
- 16.** Altun İshak, **Olgun Murat**, Minak Gülhan (2016). A New Approach To The Assad Kirk Fixed Point Theorem. *Journal Of Fixed Point Theory And Applications*, 18(1), 201-212., Doi: 10.1007/S11784-015-0270-Z. **14.**
- 15.** Altun İshak, Minak Gülhan, **Olgun Murat** (2016). Fixed Points Of Multivalued Nonlinear F Contractions On Complete Metric Spaces. *Nonlinear Analysis-Modelling And Control*, 21(2), 201-210., Doi: 10.15388/Na.2016.2.4.
- 14.** Yardimci Şeyhmus, **Olgun Murat**, Can Çağla (2016). Numerical Computation And Properties Of The Two Dimensional Exponential Integrals. *Hacettepe Journal Of Mathematics And Statistics*, 2(45), 483-495., Doi: 10.15672/Hjms.20164512505.
- 13.** **Olgun Murat**, Biçer Özge, Alyıldız Tuğçe (2016). A New Aspect To Picard Operators With Simulation Functions. *Turkish Journal Of Mathematics*, 40, 832-837., Doi: 10.3906/Mat-1505-26.
- 12.** **Olgun Murat**, Minak Gülhan, Altun İshak (2016). A New Approach To Mizoguchi Takahashi Type Fixed Point Theorems. *Journal Of Nonlinear And Convex Analysis*, 17(3), 579-587.

11. Minak Gülhan,**Olgun Murat**,Altun İshak (2015). A New Approach To Fixed Point Theorems For Multivalued Contractive Maps. Carpathian Journal Of Mathematics, 31(3), 241-248.
- 10 Altun İshak,**Olgun Murat**,Minak Gülhan (2015). On A New Class Of Multivalued Weakly Picard Operators On Complete Metric Spaces. Taiwanese Journal Of Mathematics, 19(3), 659-672., Doi: 10.11650/Tjm.19.2015.4752.
9. **Olgun Murat** (2015). Non Selfadjoint Matrix Sturm Liouville Operators With Eigenvalue Dependent Boundary Conditions. Hacettepe Journal Of Mathematics And Statistics, 44(3), 607-614., Doi: 10.15672/Hjms.2015449424.
8. Coskun Cafer, Katar Deniz, **Olgun Murat** (2014). Principal Functions Of Non Selfadjoint Matrix Sturm Liouville Operators With Boundary Conditions Dependent On The Spectral Parameter. Communications Faculty Of Sciences University Of Ankara Series A 1: Mathematics And Statistics , 63, 25-34.
7. Deniz Katar,**Olgun Murat**,Coskun Cafer (2014). Principal Functions Of Matrix Sturm Liouvilleoperators With Boundary Conditions Dependent Onthe Spectral Parameter. Miskolc Mathematical Notes, 15(2), 525-535.
6. Aygar Yelda, **Olgun Murat** (2014). Investigation Of The Spectrum And The Jost Solutions Of Discrete Dirac System On The Whole Axis. Journal Of Inequalities And Applications, 2014(73), 1-9., Doi: 10.1186/1029-242x-2014-73.
5. Aygar Küçükveçilioğlu Yelda,**Olgun Murat**,Köprübaşı Turhan (2012). Principal Functions Of Nonselfadjoint Discrete Dirac Equations With Spectral Parameter In Boundary Conditions. Abstract And Applied Analysis, 2012(2012), 1-15., Doi: 10.1155/2012/924628.
4. **Olgun Murat** , Koprubasi Turhan , Aygar Yelda (2011). Principal Functions Of Non Selfadjoint Difference Operator With Spectralparameter In Boundary Conditions. Abstract And Applied Analysis, 2011(2011), 1-10., Doi: 10.1155/2011/608329.
3. Cafer Coşkun,**Olgun Murat** (2011). Principal Functions Of Non Selfadjoint Matrix Sturm Liouville Equations. Journal Of Computational And Applied Mathematics, 235(16, Si), 4834-4838., Doi: 10.1016/J.Cam.2010.12.004.
2. Bayram Elgiz, Aygar Küçükveçilioğlu Yelda,**Olgun Murat** (2010). Jost Solution And The Spectrum Of The Discrete Dirac Systems. Boundary Value Problems, 2010(2010), 1-11., Doi: 10.1155/2010/306571.
1. **Olgun Murat** , Coskun Cafer (2010). Non Selfadjoint Matrix Sturm Liouville Operators With Spectral Singularities. Applied Mathematics And Computation, 216(8), 2271-2275., Doi: 10.1016/J.Amc.2010.03.062

KİTAP BÖLÜMLERİ

1. Yelda Aygar, **Murat Olgun**; Principal Vectors of Matrix-valued Difference Operators; Computational Analysis, Amat (2015) Springer; (Editors: Anastassiou, George A., Duman, Oktay).
2. Ezgi Türkarslan, **Murat Olgun**, Mehmet Ünver, Şeyhmus Yardimci Chapter 11. 2- (Additive Choquet Cosine Similarity Measures for Simplified Neutrosophic Sets and Applications to Medical Diagnosis Decision-Making with Neutrosophic Set: Theory and Applications in Knowledge Management-Nova Science Publishers Editor: Harish Garg (2021).
3. Türkarslan, Ezgi, **Olgun, Murat**, Ünver, Mehmet, & Yardimci, S. Some Trigonometric Similarity Measures Based on the Choquet Integral for Pythagorean Fuzzy Sets and Applications to Pattern Recognition. Pythagorean Fuzzy Sets: Theory and Applications, (2021) 83.
4. Ezgi Türkarslan, Mehmet Ünver, **Murat Olgun**, A Vector Valued Similarity Measure Based on the Choquet Integral for

Intuitionistic Fuzzy Sets and Its Application to Pattern Recognition, Lecture Notes in Networks and Systems, (2022), 308, pp. 84–92. Doi: 10.1007/978-3-030-85577-2_10.

5. Türkarlan, E., Olgun, M., Ünver, M. and Yardımcı, Ş., q-Rung Orthopair Fuzzy Points and Applications to q-Rung Orthopair Fuzzy Topological Spaces and Pattern Recognition, Advances in Topology and Their Interdisciplinary Applications, Springer, 245–259, 2023.

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OLGUN M., İki metrik uzay üzerinde ilişkili sabit nokta teoremleri, Doktora, Ö.BİÇER(Öğrenci), 2019
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ÜNVER M., OLGUN M.

- International Journal of Fuzzy Systems, cilt.25, sa.6, ss.2203-2217, 2023 (SCI-Expanded)
- IV. **Consistency fuzzy cross entropy based VIKOR approach for multi-criteria decision making**
Türkarşlan E., Ye J., ÜNVER M., OLGUN M.
Iranian Journal of Fuzzy Systems, cilt.20, sa.4, ss.39-56, 2023 (SCI-Expanded)
- V. **An extended TOPSIS and entropy measure based on Sugeno integral in Pythagorean fuzzy set setting**
Garg H., ÜNVER M., Aydoğan B., OLGUN M.
Journal of Intelligent and Fuzzy Systems, cilt.45, sa.2, ss.2537-2549, 2023 (SCI-Expanded)
- VI. **Q-Rung Orthopair Picture Fuzzy Topological Spaces and Parameter-Dependent Continuity: Control System Applications**
ÜNVER M., OLGUN M.
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- VII. **Intuitionistic fuzzy-valued neutrosophic multi-sets and numerical applications to classification**
ÜNVER M., Türkarşlan E., Celik N., OLGUN M., Ye J.
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- VIII. **Single and Interval-Valued Hybrid Enthalpy Fuzzy Sets and a TOPSIS Approach for Multicriteria Group Decision Making**
OLGUN M., Türkarşlan E., Ye J., ÜNVER M.
MATHEMATICAL PROBLEMS IN ENGINEERING, cilt.2022, 2022 (SCI-Expanded)
- IX. **Consistency Fuzzy Sets and a Cosine Similarity Measure in Fuzzy Multiset Setting and Application to Medical Diagnosis**
Türkarşlan E., Ye J., ÜNVER M., OLGUN M.
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- X. **Pythagorean fuzzy points and applications in pattern recognition and Pythagorean fuzzy topologies**
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SOFT COMPUTING, cilt.25, sa.7, ss.5225-5232, 2021 (SCI-Expanded)
- XI. **A Cosine Similarity Measure Based on the Choquet Integral for Intuitionistic Fuzzy Sets and Its Applications to Pattern Recognition**
OLGUN M., Türkarşlan E., ÜNVER M., Ye J.
INFORMATICA, sa.4, ss.849-864, 2021 (SCI-Expanded)
- XII. **A new result of prešić type theorems with applications to second order boundary value problems**
Altun I., Qasim M., OLGUN M.
Filomat, cilt.35, sa.7, ss.2257-2266, 2021 (SCI-Expanded)
- XIII. **MAIA TYPE FIXED POINT RESULTS FOR MULTIVALUED F-CONTRACTIONS**
OLGUN M., Alyildiz T., Bicer O., Altun I.
Miskolc Mathematical Notes, cilt.22, sa.2, ss.819-829, 2021 (SCI-Expanded)
- XIV. **An existence and uniqueness theorem for a fractional boundary value problem via new fixed point results on quasi metric spaces**
Altun I., OLGUN M.
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, cilt.91, 2020 (SCI-Expanded)
- XV. **Fixed point results for Perov type F-contractions and an application**
Altun I., OLGUN M.
JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, cilt.22, sa.2, 2020 (SCI-Expanded)
- XVI. **Pythagorean fuzzy topological spaces**
OLGUN M., ÜNVER M., YARDIMCI Ş.
COMPLEX & INTELLIGENT SYSTEMS, cilt.5, sa.2, ss.177-183, 2019 (SCI-Expanded)
- XVII. **Some new types multivalued F-contractions on quasi metric spaces and their fixed points**
HANÇER H. A., OLGUN M., ALTUN İ.
CARPATHIAN JOURNAL OF MATHEMATICS, cilt.35, sa.1, ss.41-50, 2019 (SCI-Expanded)
- XVIII. **A Related Fixed Point Theorem for F-Contractions on Two Metric Spaces**
OLGUN M., Bicer O., Alyildiz T., ALTUN İ.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.48, sa.1, ss.150-156, 2019 (SCI-Expanded)

- XIX. **A fuzzy measure theoretical approach for multi criteria decision making problems containing sub-criteria**
ÜNVER M., ÖZÇELİK G., OLGUN M.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, cilt.35, sa.6, ss.6461-6468, 2018 (SCI-Expanded)
- XX. **Fixed Point Results for F-contractions on Space with Two Metrics**
OLGUN M., Alyildiz T., Bicer O., Altun I.
FILOMAT, cilt.31, sa.17, ss.5421-5426, 2017 (SCI-Expanded)
- XXI. **Fixed points of F-contractive type fuzzy mappings**
Minak G., ALTUN İ., OLGUN M.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, cilt.33, sa.3, ss.1435-1439, 2017 (SCI-Expanded)
- XXII. **Numerical computation and properties of the two dimensional exponential integrals**
YARDIMCI Ş., OLGUN M., Can C.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.45, sa.2, ss.483-495, 2016 (SCI-Expanded)
- XXIII. **A new approach to the Assad-Kirk fixed point theorem**
ALTUN İ., OLGUN M., Minak G.
JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, cilt.18, sa.1, ss.201-212, 2016 (SCI-Expanded)
- XXIV. **Matrix Sturm-Liouville operators with boundary conditions dependent on the spectral parameter**
Katar D., OLGUN M., Coskun C.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, cilt.9, sa.2, ss.435-442, 2016 (SCI-Expanded)
- XXV. **A NEW APPROACH TO MIZOGUCHI-TAKAHASHI TYPE FIXED POINT THEOREMS**
OLGUN M., Minak G., ALTUN İ.
JOURNAL OF NONLINEAR AND CONVEX ANALYSIS, cilt.17, sa.3, ss.579-587, 2016 (SCI-Expanded)
- XXVI. **Fixed points of multivalued nonlinear F-contractions on complete metric spaces**
ALTUN İ., Minak G., OLGUN M.
NONLINEAR ANALYSIS-MODELLING AND CONTROL, cilt.21, sa.2, ss.201-210, 2016 (SCI-Expanded)
- XXVII. **A new aspect to Picard operators with simulation functions**
OLGUN M., Bicer O., Alyildiz T.
TURKISH JOURNAL OF MATHEMATICS, cilt.40, sa.4, ss.832-837, 2016 (SCI-Expanded)
- XXVIII. **Non-selfadjoint matrix Sturm-Liouville operators with eigenvalue-dependent boundary conditions**
OLGUN M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.44, sa.3, ss.607-614, 2015 (SCI-Expanded)
- XXIX. **ON A NEW CLASS OF MULTIVALUED WEAKLY PICARD OPERATORS ON COMPLETE METRIC SPACES**
ALTUN İ., OLGUN M., Minak G.
TAIWANESE JOURNAL OF MATHEMATICS, cilt.19, sa.3, ss.659-672, 2015 (SCI-Expanded)
- XXX. **A new approach to fixed point theorems for multivalued contractive maps**
Minak G., OLGUN M., ALTUN İ.
CARPATHIAN JOURNAL OF MATHEMATICS, cilt.31, sa.2, ss.241-248, 2015 (SCI-Expanded)
- XXXI. **Investigation of the spectrum and the Jost solutions of discrete Dirac system on the whole axis**
AYGAR KÜÇÜKEVCİLİOĞLU Y., OLGUN M.
JOURNAL OF INEQUALITIES AND APPLICATIONS, cilt.2014, 2014 (SCI-Expanded)
- XXXII. **PRINCIPAL FUNCTIONS OF MATRIX STURM-LIOUVILLE OPERATORS WITH BOUNDARY CONDITIONS DEPENDENT ON THE SPECTRAL PARAMETER**
Katar D., OLGUN M., Coskun C.
MISKOLC MATHEMATICAL NOTES, cilt.15, sa.2, ss.525-535, 2014 (SCI-Expanded)
- XXXIII. **Principal Functions of Nonselfadjoint Discrete Dirac Equations with Spectral Parameter in Boundary Conditions**
AYGAR KÜÇÜKEVCİLİOĞLU Y., OLGUN M., KÖPRÜBAŞI T.
ABSTRACT AND APPLIED ANALYSIS, cilt.2012, 2012 (SCI-Expanded)
- XXXIV. **Principal Functions of Non-Selfadjoint Difference Operator with Spectral Parameter in Boundary Conditions**
OLGUN M., Koprubasi T., AYGAR KÜÇÜKEVCİLİOĞLU Y.

- ABSTRACT AND APPLIED ANALYSIS, cilt.2011, 2011 (SCI-Expanded)
- XXXV. **Principal functions of non-selfadjoint matrix Sturm-Liouville equations**
Coskun C., OLGUN M.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, cilt.235, sa.16, ss.4834-4838, 2011 (SCI-Expanded)
- XXXVI. **Jost Solution and the Spectrum of the Discrete Dirac Systems**
BAYRAM E., AYGAR KÜÇÜKEVCİLİOĞLU Y., OLGUN M.
BOUNDARY VALUE PROBLEMS, cilt.2010, 2010 (SCI-Expanded)
- XXXVII. **Non-selfadjoint matrix Sturm-Liouville operators with spectral singularities**
OLGUN M., Coskun C.
APPLIED MATHEMATICS AND COMPUTATION, cilt.216, sa.8, ss.2271-2275, 2010 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **A Decision-Making Approach Incorporating TODIM Method and Sine Entropy in q -Rung Picture Fuzzy Set Setting**
Aydoğan B., OLGUN M., Smarandache F., ÜNVER M.
JOURNAL OF APPLIED MATHEMATICS, 2024 (ESCI)
- II. **An extension of CODAS method for multi-criteria group decision making with complex intuitionistic fuzzy information via Dombi sine weighted arithmetic aggregation operators**
Garg H., OLGUN M., ÜNVER M., Türkarslan E.
Granular Computing, cilt.8, sa.6, ss.1467-1480, 2023 (Scopus)
- III. **A New Type of Neutrosophic Set in Pythagorean Fuzzy Environment and Applications to Multi-criteria Decision Making**
BOZYİĞİT M. C., OLGUN M., Smarandache F., ÜNVER M.
International Journal of Neutrosophic Science, cilt.20, sa.2, ss.107-134, 2023 (Scopus)
- IV. **A Choquet Integral Based Cosine Similarity Measure for Interval-Valued Intuitionistic Fuzzy Sets and an Application to Pattern Recognition**
Harish G., OLGUN M., TÜRKARSLAN E., ÜNVER M.
LOBACHEVSKII JOURNAL OF MATHEMATICS, cilt.43, ss.2444-2452, 2022 (ESCI)
- V. **Algebraic and Einstein weighted operators of neutrosophic enthalpy values for multi-criteria decision making in neutrosophic multi-valued set settings**
Ye J., Türkarslan E., ÜNVER M., OLGUN M.
GRANULAR COMPUTING, cilt.7, sa.3, ss.479-487, 2022 (ESCI)
- VI. **Cosine and Cotangent Similarity Measures Based on Choquet Integral for Spherical Fuzzy Sets and Applications to Pattern Recognition**
ÜNVER M., OLGUN M., TÜRKARSLAN E.
Journal of Computational and Cognitive Engineering, cilt.1, sa.1, 2022 (Hakemli Dergi)
- VII. **q -Rung Orthopair Fuzzy Topological Spaces**
Türkarslan E., ÜNVER M., OLGUN M.
LOBACHEVSKII JOURNAL OF MATHEMATICS, cilt.42, sa.2, ss.470-478, 2021 (ESCI)
- VIII. **2-Additive Choquet Similarity Measures For Multi-Period Medical Diagnosis in Single-Valued Neutrosophic Set Setting**
OLGUN M., Türkarslan E., ÜNVER M., Ye J.
Neutrosophic Sets and Systems, cilt.45, ss.8-25, 2021 (Scopus)
- IX. **A PRE-SUBADDITIVE FUZZY MEASURE MODEL AND ITS THEORETICAL INTERPRETATION**
ÜNVER M., ÖZÇELİK G., OLGUN M.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.10, sa.1, ss.270-278, 2020 (ESCI)
- X. **SOME RELATED FIXED POINT THEOREMS FOR MULTIVALUED MAPPINGS ON TWO METRIC SPACES**
BICER O., OLGUN M., ALYILDIZ T., ALTUN I.
CARPATHIAN MATHEMATICAL PUBLICATIONS, cilt.12, sa.2, ss.392-400, 2020 (ESCI)

- XI. **P-CONTRACTIVE MAPPINGS ON METRIC SPACES**
ALTUN İ., DURMAZ G., OLGUN M.
JOURNAL OF NONLINEAR FUNCTIONAL ANALYSIS, cilt.2018, 2018 (ESCI)
- XII. **Classification of completeness of quasi metric space and some fixed point results**
Altun I., Minak G., OLGUN M.
Nonlinear Functional Analysis and Applications, cilt.22, sa.2, ss.371-384, 2017 (Scopus)
- XIII. **Principal functions of non selfadjoint matrix Sturm Liouville operators with boundary conditions dependent on the spectral parameter**
Coskun C., Katar D., OLGUN M.
Communications Faculty of Sciences University of Ankara Series A 1: Mathematics and Statistics, cilt.63, ss.25-34, 2014 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **q-Rung Orthopair Fuzzy Points and Applications to q-Rung Orthopair Fuzzy Topological Spaces and Pattern Recognition**
TÜRKARSLAN E., ÜNVER M., OLGUN M., YARDIMCI Ş.
Advances in Topology and Their Interdisciplinary Applications, Santanu Acharjee, Editör, Springer Nature Singapore Pte Ltd., ss.245-259, 2023
- II. **A Vector Valued Similarity Measure Based on the Choquet Integral for Intuitionistic Fuzzy Sets and Its Application to Pattern Recognition**
TÜRKARSLAN E., ÜNVER M., OLGUN M.
Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation, , Editör, Springer, ss.84-92, 2022

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A Vector Valued Similarity Measure Based on the Choquet Integral for Intuitionistic Fuzzy Sets and Its Application to Pattern Recognition**
Türkarşlan E., Ünver M., Olgun M.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Türkiye, 24 - 26 Ağustos 2021, cilt.308, ss.84-92
- II. **On Mizoguchi-Takahashi's Type Set Valued (alpha-theta) Contractions**
DURMAZ G., ASLAN HANÇER H., OLGUN M., ALTUN İ.
INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, 11 - 14 Eylül 2018, ss.32-37
- III. **THE EFFECT OF F-CONTRACTIVENESS ON MULTIVALUED MAPS FOR FIXED POINTS**
OLGUN M., ALTUN İ.
3rd INTERNATIONAL CONFERENCE ON SCIENCE, ECOLOGY AND TECHNOLOGY, Roma, 14 - 16 Ağustos 2017
- IV. **On A New Class of Multivalued Weakly Picard Operators**
OLGUN M., ALTUN İ., MINAK G.
3rd International Researchers, Statisticians and Young Statisticians Congress, Konya, Türkiye, 24 - 26 Mayıs 2017
- V. **A Fixed Point Result on Metric Spaces with Simulation Functions**
OLGUN M., ALYILDIZ T., BİÇER Ö.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Türkiye, 10 - 12 Mayıs 2017
- VI. **A Related Fixed Point Theorems With F-Contraction On Two Metric Spaces**
OLGUN M., BİÇER Ö., ALYILDIZ T., ALTUN İ.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Türkiye, 10 - 12 Mayıs 2017
- VII. **Multivalued Weakly Picard Operators On Complete Metric Spaces**
OLGUN M., ALTUN İ., DURMAZ G.

3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES,
Budapest, Macaristan, 3 - 07 Mayıs 2017

- VIII. **Fixed point results for admissible mappings on quasi metric spaces**
ALTUN İ., OLGUN M., ACAR Ö.
3rd International Conference on Engineering and Natural Sciences, 3 - 07 Mayıs 2017
- IX. **New Fixed Point Theorems For Multivalued Mappings On Quasi Metric Space**
ALTUN İ., OLGUN M., ACAR Ö.
3rd International Conference on Engineering and Natural Sciences, 3 - 07 Mayıs 2017
- X. **Multivalued Contractive Maps And Some Fixed Point Results**
OLGUN M., ALTUN İ., DURMAZ G.
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES,
Budapest, Macaristan, 3 - 07 Mayıs 2017
- XI. **The Relations Between F-contractions and Weakly Picard Operators**
DURMAZ G., ALTUN İ., OLGUN M.
INTERNATIONAL WORKSHOP ON MATHEMATICAL METHODS IN ENGINEERING, Ankara, Türkiye, 27 - 29 Nisan
2017
- XII. **Fixed Point Results for F-Contractions on Space with Two Metrics**
OLGUN M., ALYILDIZ T., BİÇER Ö., ALTUN İ.
INTERNATIONAL WORKSHOP ON MATHEMATICAL METHODS IN ENGINEERING, Ankara, Türkiye, 27 - 29 Nisan
2017
- XIII. **New Fixed Point Results for P-Contractive Mappings on Metric Spaces**
ALTUN İ., DURMAZ G., OLGUN M., MINAK G.
INTERNATIONAL WORKSHOP ON MATHEMATICAL METHODS IN ENGINEERING, Ankara, Türkiye, 27 - 29 Nisan
2017
- XIV. **New fixed point theorems for multivalued contractive maps**
OLGUN M.
1124th meeting of the American Mathematical Society-NC Raleigh, Amerika Birleşik Devletleri, 12 - 13 Kasım 2016
- XV. **Some fixed point theorems for multivalued contractive maps in metric spaces**
OLGUN M.
31 st Summer Conference on Topology and Its Applications, 2 - 05 Ağustos 2016
- XVI. **A new aspect to Picard operators with simulation functions**
BİÇER Ö., OLGUN M., ALYILDIZ T.
International Conference on Applied Mathematics and Analysis (ICAMA2016), 11 - 13 Temmuz 2016
- XVII. **Some relations between recent fixed point results on metric space**
DURMAZ G., OLGUN M.
VI Congress of Mathematicians of Macedonia, 15 - 18 Haziran 2016
- XVIII. **Eigenvalues And Spectral Singularities Of Non selfadjoint Matrix Sturm Liouville Operators With Eigenvalue dependent Boundary Conditions**
OLGUN M.
3rd International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2016), 19 - 23
Mayıs 2016
- XIX. **Principal Vectors of Matrix-Valued Difference Operators**
AYGAR KÜÇÜKEVCİLİOĞLU Y., OLGUN M.
3rd International Conference on Applied Mathematics and Approximation Theory (AMAT), Ankara, Türkiye, 28 -
31 Mayıs 2015, cilt.155, ss.247-257
- XX. **Summability of Spliced Sequences in Metric Spaces**
ÜNVER M., YARDIMCI Ş., OLGUN M.
Fall Western Sectional Meeting, Fullerton, Amerika Birleşik Devletleri, 23 - 24 Ekim 2015
- XXI. **Investigation of the spectrum and the Jost solutions of discrete Dirac system on the whole axis**
BAYRAM E., AYGAR KÜÇÜKEVCİLİOĞLU Y., OLGUN M.
International Conference on Applied Analysis and Mathematical Modelling (ICAAMM 2013), 2 - 05 Haziran 2013

XXII. Spectral analysis of non selfadjoint matrix Sturm-Liouville equations

OLGUN M., AYGAR KÜÇÜKEVCİLİOĞLU Y.

IV. Congress of theThe 4th Congress of the Turkic World Mathematical Society (TWMS), 1 - 03 Temmuz 2011

XXIII. Jost solution and the spectrum of the discrete Dirac systems

AYGAR KÜÇÜKEVCİLİOĞLU Y., OLGUN M.

International Conference on Applied Analysis and Algebra, ICAAA 2011, 29 Haziran - 02 Temmuz 2011

XXIV. Self adjoint Olmayan Matris Katsayılı Sturm Liouville Operatörlerinin Spektral Analizi

OLGUN M., AYGAR KÜÇÜKEVCİLİOĞLU Y.

5. Ankara Matematik Gunleri, Türkiye, 3 - 04 Haziran 2010

Metrikler

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H-İndeks (Scopus): 13