

Prof. NECİP ŞİMŞEK

Personal Information

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Publons / Web Of Science ResearcherID: ABC-2576-2020

ScopusID: 34067786700

Yoksis Researcher ID: 121817

Education Information

Postgraduate, Istanbul Commerce University, Dış Ticaret Enstitüsü, Uluslararası Ticaret (YI) (Tezli) (İngilizce), Turkey 2015 - Continues

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1996 - 2004

Postgraduate, Harran University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1994 - 1996

Undergraduate, Firat University, Fen Fakültesi, Matematik Bölümü, Turkey 1989 - 1994

Dissertations

Postgraduate, Reel Değerli Fonksiyonlar İçin Bazı Süreklilik Türleri, Harran University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1996

Research Areas

Computer Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Commerce University, İnsan ve Toplum Bilimleri Fakültesi, Matematik Bölümü, 2019 - Continues

Associate Professor, Istanbul Commerce University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2012 - Continues

Assistant Professor, Istanbul Commerce University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2010 - Continues

Professor, Istanbul Commerce University, Mühendislik Ve Tasarım Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - 2019

Assistant Professor, Adiyaman University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2008 - 2010

Assistant Professor, Harran University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2005 - 2008

Expert, Diğer (Kurumlar,hastaneler Vb.), Kurumlar, Milli Eğitim Bakanlığı, 2004 - 2005

Research Assistant, Van Yüzüncü Yil University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2000 - 2004

Research Assistant, Harran University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1995 - 1999

Academic and Administrative Experience

Istanbul Commerce University, 2020 - Continues

Istanbul Commerce University, 2018 - Continues
Istanbul Commerce University, 2019 - 2020
Istanbul Commerce University, 2019 - 2020
Istanbul Commerce University, 2014 - 2017
Istanbul Commerce University, 2014 - 2017
Istanbul Commerce University, 2014 - 2016
Istanbul Commerce University, 2013 - 2016
Adiyaman University, 2008 - 2010
Harran University, 2005 - 2008

Courses

Matematik Tarihi, Undergraduate, 2020 - 2021
Fonksiyonel Analiz, Postgraduate, 2020 - 2021
Matematik-I, Undergraduate, 2020 - 2021, 2019 - 2020
Lineer Cebir, Undergraduate, 2020 - 2021
Lineer Cebir-I, Undergraduate, 2020 - 2021
Lineer Cebir-II, Undergraduate, 2020 - 2021
Ekonomide Matematiksel Yöntemler, Postgraduate, 2020 - 2021, 2019 - 2020
Matematik-II, Undergraduate, 2020 - 2021
İşletme Matematiği, Undergraduate, 2020 - 2021
Soyut Matematik, Undergraduate, 2019 - 2020
Seminer, Postgraduate, 2019 - 2020
Matematik Analiz-III, Undergraduate, 2019 - 2020
Matematiksel Analiz II, Undergraduate, 2018 - 2019
Seminer, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Matematik II, Undergraduate, 2018 - 2019
Matematik I, Undergraduate, 2018 - 2019
Matematiksel Analiz I, Undergraduate, 2018 - 2019
Banach Uzaylarının Geometrisi, Postgraduate, 2017 - 2018
Matematiksel Analiz-II, Undergraduate, 2017 - 2018, 2013 - 2014, 2012 - 2013, 2011 - 2012
Matematiksel Analiz-I, Undergraduate, 2017 - 2018, 2012 - 2013, 2011 - 2012
Matematik-I, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2010 - 2011
Matematik-II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2010 - 2011
Kompleks Fonksiyonlar Teorisi-I, Postgraduate, 2016 - 2017
Kompleks Fonksiyonlar Teorisi-II, Postgraduate, 2016 - 2017
FONKSİYONEL ANALİZ-I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
FONKSİYONEL ANALİZ-II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Hilbert Uzaylarında Lineer Operatörler Teorisi ve Uygulamaları, Doctorate, 2015 - 2016
Liner Cebir-I, Undergraduate, 2015 - 2016
Matematik(Sosyal Bilimler için), Undergraduate, 2015 - 2016
Genel Matematik-I, Undergraduate, 2014 - 2015
Banach Cebirleri, Doctorate, 2014 - 2015
Kompleks Fonksiyonlar Teorisi-II, Undergraduate, 2014 - 2015
Kompleks Fonksiyonlar Teorisi-I, Undergraduate, 2014 - 2015
Lineer Cebir-I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
Lineer Cebir-II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
Reel Analiz I, Undergraduate, 2014 - 2015
Genel Matematik-II, Undergraduate, 2014 - 2015
İktisatta Matematiksel Yöntemler, Postgraduate, 2013 - 2014

Matematisel Analiz-I, Undergraduate, 2013 - 2014
Metrik Uzaylar, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Analitik Geometri, Undergraduate, 2012 - 2013, 2010 - 2011
Fonksiyonel Analiz, Undergraduate, 2010 - 2011
Nümerik Analiz, Undergraduate, 2010 - 2011
Metrik Uzaylar, Undergraduate, 2009 - 2010
Analitik Geometri, Undergraduate, 2009 - 2010
Fonksiyonel Analiz, Undergraduate, 2009 - 2010
Matematik-II, Undergraduate, 2009 - 2010

Advising Theses

NECİP Ş., Sabit nokta iterasyon algoritmaları ve uygulamaları: Yakınsaklık ve kararlılık analizi, Doctorate, R.ÇELİK(Student), 2023
NECİP Ş., Grand Lebesgue uzaylarında Korovkin tipli yaklaşım ve istatistiksel süreklilik, Doctorate, C.KARAÇAM(Student), 2021
ŞİMŞEK N., Cesaro tipli bazı dizi uzaylarının geometrik özellikleri, Postgraduate, Z.Askerova(Student), 2018
NECİP Ş., Cesaro tipli bazı dizi uzaylarının geometrik özellikleri, Postgraduate, Z.ASKEROVA(Student), 2018
NECİP Ş., Harmonik analizde lebesgue uzayları ve integral operatorleri, Postgraduate, S.ÇELİK(Student), 2016
NECİP Ş., Ortalama ile tanımlanan banach uzaylarında geometrik özellikler, Postgraduate, R.ÇELİK(Student), 2015
NECİP Ş., Bazı uzaylardaki operatörlerin spektral davranışları, Postgraduate, F.KONTLAR(Student), 2013
NECİP Ş., Banach cebirlerinde Wedderburn ayrışımı ve banach cebirlerinin bazı geometrik özellikleri, Postgraduate, F.GÜRSOY(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel kernel principal component analysis with application disaster preparedness of hospital: interval-valued Fermatean fuzzy set approach**
KİRİŞCİ M., ŞİMŞEK N.
Journal of Supercomputing, vol.79, no.17, pp.19848-19878, 2023 (SCI-Expanded)
- II. **Decision making method related to Pythagorean Fuzzy Soft Sets with infectious diseases application**
KİRİŞCİ M., ŞİMŞEK N.
Journal of King Saud University - Computer and Information Sciences, vol.34, no.8, pp.5968-5978, 2022 (SCI-Expanded)
- III. **Fermatean fuzzy ELECTRE multi-criteria group decision-making and most suitable biomedical material selection**
KİRİŞCİ M., Demir I., ŞİMŞEK N.
Artificial Intelligence in Medicine, vol.127, 2022 (SCI-Expanded)
- IV. **The novel VIKOR methods for generalized Pythagorean fuzzy soft sets and its application to children of early childhood in COVID-19 quarantine**
KİRİŞCİ M., Demir I., ŞİMŞEK N., TOPAÇ N., Bardak M.
Neural Computing and Applications, vol.34, no.3, pp.1877-1903, 2022 (SCI-Expanded)
- V. **Some convergence, stability, and data dependence results for K^* iterative method of quasi-strictly contractive mappings**
ÇelİK R., ŞİMŞEK N.
Turkish Journal of Mathematics, vol.46, no.7, pp.2819-2833, 2022 (SCI-Expanded)
- VI. **A new regular infinite matrix defined by Jordan totient function and its matrix domain in ℓ_p**
İlkhan M., ŞİMŞEK N., Kara E. E.
Mathematical Methods in the Applied Sciences, vol.44, no.9, pp.7622-7633, 2021 (SCI-Expanded)

- VII. **Fixed point results for a new metric space**
KİRİŞCİ M., ŞİMŞEK N., Akyiğit M.
Mathematical Methods in the Applied Sciences, vol.44, no.9, pp.7416-7422, 2021 (SCI-Expanded)
- VIII. **S-iterative algorithm for solving variational inequalities**
Ertürk M., Gürsoy F., ŞİMŞEK N.
International Journal of Computer Mathematics, vol.98, no.3, pp.435-448, 2021 (SCI-Expanded)
- IX. **Neutrosophic metric spaces**
KİRİŞCİ M., ŞİMŞEK N.
Mathematical Sciences, vol.14, no.3, pp.241-248, 2020 (SCI-Expanded)
- X. **On behaviour of Darbo fixed point theorem under function sequences**
KARAKAYA V., Sekman D., ŞİMŞEK N.
Journal of Nonlinear and Convex Analysis, vol.20, no.11, pp.2313-2319, 2019 (SCI-Expanded)
- XI. **Some remarks on the geometry of circle maps with a break point**
ŞİMŞEK N., Dzhililov A., Musso E.
Filomat, vol.32, no.16, pp.5549-5563, 2018 (SCI-Expanded)
- XII. **On fine spectra and subspectrum (approximate point, defect and compression) of operator with periodic coefficients**
KARAKAYA V., Dzh. Manafov M., ŞİMŞEK N.
Journal of Nonlinear and Convex Analysis, vol.18, no.4, pp.709-717, 2017 (SCI-Expanded)
- XIII. **New matrix domain derived by the matrix product**
KARAKAYA V., ŞİMŞEK N., Doğan K.
Filomat, vol.30, no.5, pp.1233-1241, 2016 (SCI-Expanded)
- XIV. **Operators ideals of generalized modular spaces of ceáro type defined by weighted means**
ŞİMŞEK N., KARAKAYA V., Polat H.
Journal of Computational Analysis and Applications, vol.19, no.5, pp.804-811, 2015 (SCI-Expanded)
- XV. **Lacunary statistical convergence of sequences of functions in intuitionistic fuzzy normed space**
KARAKAYA V., ŞİMŞEK N., Gürsoy F., Ertürk M.
Journal of Intelligent and Fuzzy Systems, vol.26, no.3, pp.1289-1299, 2014 (SCI-Expanded)
- XVI. **On geometrical properties of some Banach spaces**
ŞİMŞEK N., Savaş E., KARAKAYA V.
Applied Mathematics and Information Sciences, vol.7, no.1, pp.295-300, 2013 (SCI-Expanded)
- XVII. **Statistical convergence of sequences of functions in intuitionistic fuzzy normed spaces**
KARAKAYA V., ŞİMŞEK N., Ertürk M., Gürsoy F.
Abstract and Applied Analysis, vol.2012, 2012 (SCI-Expanded)
- XVIII. **On some properties of new paranormed sequence space of nonabsolute type**
KARAKAYA V., ŞİMŞEK N.
Abstract and Applied Analysis, vol.2012, 2012 (SCI-Expanded)
- XIX. **On some geometric properties of sequence space defined by de la Vallée-Poussin mean**
ŞİMŞEK N.
Journal of Computational Analysis and Applications, vol.13, no.3, pp.565-573, 2011 (SCI-Expanded)
- XX. **Measure of noncompactness of matrix operators on some difference sequence spaces of weighted means**
Mursaleen M., KARAKAYA V., Polat H., ŞİMŞEK N.
Computers and Mathematics with Applications, vol.62, no.2, pp.814-820, 2011 (SCI-Expanded)
- XXI. **Difference sequence spaces derived by using a generalized weighted mean**
Polat H., KARAKAYA V., ŞİMŞEK N.
Applied Mathematics Letters, vol.24, no.5, pp.608-614, 2011 (SCI-Expanded)
- XXII. **The Banach algebras generated by operators with one-point spectrum**
Seferoglu H., ŞİMŞEK N.
Acta Mathematica Scientia, vol.31, no.2, pp.673-680, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Incomplete Fermatean fuzzy preference relations and group decision-making**
ŞİMŞEK N., KİRİŞCİ M.
Topological Algebra and its Applications, vol.11, no.1, 2023 (Scopus)
- II. **The Concept of Oscillation in Uniform Spaces**
ŞİMŞEK N., Alizade B.
Azerbaijan Journal of Mathematics, vol.12, no.2, pp.184-189, 2022 (ESCI)
- III. **Soft set based new decision-making method with cardiovascular disease application**
KİRİŞCİ M., Demir I., ŞİMŞEK N.
Sigma Journal of Engineering and Natural Sciences, vol.39, pp.48-55, 2021 (ESCI)
- IV. **On F-weak contraction of generalized multivalued integral type mappings with α -admissible**
KARAKAYA V., ŞİMŞEK N., Sekman D.
Sahand Communications in Mathematical Analysis, vol.17, no.1, pp.57-67, 2020 (ESCI)
- V. **Neutrosophic normed spaces and statistical convergence**
KİRİŞCİ M., ŞİMŞEK N.
Journal of Analysis, vol.28, no.4, pp.1059-1073, 2020 (Scopus)
- VI. **CATEGORICAL REGRESSION ANALYSIS WITH MEDICAL APPLICATION**
ŞİMŞEK N., BAĞDATLI KALKAN S., KİRİŞCİ M.
JP JOURNAL OF BIostatISTICS, vol.16, no.2, pp.121-138, 2019 (Peer-Reviewed Journal)
- VII. **NEUTROSOPHIC SOFT SETS WITH MEDICAL DECISION-MAKING APPLICATIONS**
KİRİŞCİ M., ŞİMŞEK N.
Sigma Journal of Engineering and Natural Sciences, vol.10, pp.231-235, 2019 (Scopus)
- VIII. **Neutrosophic Metric Spaces and Fixed Point Results**
ŞİMŞEK N., KİRİŞCİ M.
Neutrosophic Metric Spaces and Fixed Point Results, vol.2, no.1, pp.64-67, 2019 (Peer-Reviewed Journal)
- IX. **On a New Metric Space**
KİRİŞCİ M., ŞİMŞEK N.
Conference Proceedings of Science and Technology, vol.2, no.1, pp.51-54, 2019 (Peer-Reviewed Journal)
- X. **FIXED POINT THEOREMS IN NEUTROSOPHIC METRIC SPACES**
ŞİMŞEK N., KİRİŞCİ M.
Sigma Journal of Engineering and Natural Sciences, vol.10, pp.221-230, 2019 (Scopus)
- XI. **On ideal convergence of sequences of functions in intuitionistic fuzzy normed spaces**
KARAKAYA V., ŞİMŞEK N., Ertürk M., Gürsoy F.
Applied Mathematics and Information Sciences, vol.8, no.5, pp.2307-2313, 2014 (Scopus)
- XII. **Banach-saks type and Gurari modulus of convexity of some banach sequence spaces**
Hudzik H., KARAKAYA V., Mursaleen M., ŞİMŞEK N.
Abstract and Applied Analysis, vol.2014, 2014 (Scopus)
- XIII. **On the Behaviour of the spectral characteristic of Feigenbaum's map**
Dzhililov A., KARAKAYA V., ŞİMŞEK N.
P-Adic Numbers, Ultrametric Analysis, and Applications, vol.4, no.4, pp.259-270, 2012 (Scopus)
- XIV. **On some geometrical properties of certain vector-valued sequence spaces**
ŞİMŞEK N., KARAKAYA V.
Far East Journal of Mathematical Sciences, vol.40, no.2, pp.189-200, 2010 (Scopus)
- XV. **On Some Geometrical Properties of Certain Vector Valued Sequenc Spaces**
ŞİMŞEK N., KARAKAYA V.
FAR EAST JOURNAL OF MATHEMATICAL SCIENCES, vol.40, no.2, pp.189-200, 2010 (Peer-Reviewed Journal)
- XVI. **On Some Matrix Transformations**
KARAKAYA V., ŞİMŞEK N.
Intern. Math. Journal, no.Vol:4, No:1,2003, pp.19, 2003 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **On a new metric spaces**
KİRİŞÇİ M., ŞİMŞEK N.
8th International Eurasian Mathematical Sciences and Applications, Baku, Azerbaijan, 27 - 30 August 2019, vol.2, pp.51-54
- II. **Neutrosophic Metric Spaces and Fixed Point Results**
ŞİMŞEK N., KİRİŞÇİ M.
8th International Eurasian Mathematical Sciences and Applications, Baku, Azerbaijan, 27 - 30 August 2019, vol.2, pp.64-67
- III. **A study on certain sequence spaces using Jordan totient function**
KARA E. E., İLKHAN M., ŞİMŞEK N.
8th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA 2019), 27 - 30 August 2019
- IV. **A new regular matrix defined by Jordan totient function and its matrix domain in ℓ_p**
İLKHAN M., ŞİMŞEK N., KARA E. E.
8th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA 2019), 27 - 30 August 2019
- V. **Fixed Point Theorems on Neutrosophic Metric Spaces**
ŞİMŞEK N., KİRİŞÇİ M., AKYİĞİT M.
8th International Eurasian Mathematical Sciences and Applications, Baku, Azerbaijan, 27 - 30 August 2019
- VI. **A survey of Neutrosophic Type Baire Spaces**
KİRİŞÇİ M., ŞİMŞEK N.
8th International 8th Eurasian Conference on Mathematical Sciences and Applications, Baku, Azerbaijan, 27 - 30 August 2019
- VII. **On v -Statistical Convergence of Order α of Generalized Difference Sequences**
ŞİMŞEK N., ET M., KARAKAYA V.
4th International Conference On Analysis and Its Applications, 11 - 14 September 2018
- VIII. **Applications of measure of noncompactness to the infinitesystem of differential equations in some Banach spaces**
İLKHAN M., ŞİMŞEK N., KARA E. E.
International Conference on Mathematical Advances and Applications (ICOMAA-2018), 11 - 13 May 2018
- IX. **Comparison of Artificial Neural Network and Logistic Regression Model for a Medicine Application**
KİRİŞÇİ M., ŞİMŞEK N.
ICOMAA 2018 International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 - 13 May 2018, pp.77
- X. **An Extension Of Darbo's Fixed Point Theorem Defined By The Sequences Of Functions**
SEKMAN D., KARAKAYA V., ŞİMŞEK N.
3rd International Conference on Computational Mathematics and Engineering Sciences (CMES-2018), Girne, Cyprus (Kkct), 4 - 06 May 2018
- XI. **An Extension Of Darbo's Fixed Point Theorem Defined By The Sequences Of Functions**
SEKMAN D., KARAKAYA V., ŞİMŞEK N.
3rd International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- XII. **On The Deformation Of Some Banach Sequence Spaces**
ŞİMŞEK N., ÇELİK R., ASKEROVA Z.
3rd International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- XIII. **Some Fixed Point Results About Multivalued Almost F-Contraction with α -Admissible Mapping**
ŞİMŞEK N.
OMTSA 2017 International Conference on Operators in Morrey-Type Spaces and Applications, Kırşehir, Turkey, 10 - 13 July 2017, pp.143
- XIV. **On F-Contraction of Multivalued Alpha-Admissible Mappings**

ŞİMŞEK N.

ICOME 2017 INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.382

XV. Some Remarks on The Geometry of Circle Maps With A Break Point

ŞİMŞEK N., DZHAHILOV A., MUSSO E.

ICANAS 2017 2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, Antalya, Turkey, 18 - 21 April 2017, pp.161

XVI. On Some Geometrical Properties

ŞİMŞEK N., ASKEROVA Z.

ICAA 2016 2nd International Conference on Analysis and Its Applications, Kırşehir, Turkey, 12 - 15 July 2016, pp.215

XVII. Some results about Averaging Property in Some Banach Spaces

ŞİMŞEK N., KARAKAYA V.

ICAA 2015 INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, Aligarh, India, 19 - 21 December 2015

XVIII. Averaging Property in Some Banach Spaces

ŞİMŞEK N., ÇELİK R.

ICRAPAM 2015 International Conference on Recent Advances in Pure and Applied Mathematics, İstanbul, Turkey, 3 - 06 June 2015

XIX. On Fine spectra and subspectrum (Approximate Point, Defect and Compression) of operator with periodic coefficients

ŞİMŞEK N., KARAKAYA V.

ICRAPAM 2014 , International Conference on Recent and Advances in Pure and Applied Mathematics, İstanbul, Turkey, 6 - 09 November 2014, pp.221

XX. On fine spectra and subspectrum of operator with periodic coefficients

ŞİMŞEK N., KARAKAYA V., MANAFI M.

KMD 2014 KARATEK' IN MATHEMATICS DAYS, Çankırı, Turkey, 11 - 13 June 2014, pp.72

XXI. A New Sequence Spaces with IT is K-nuc and Rotund Property

ŞİMŞEK N., KARAKAYA V., POLAT H.

ICRTAAA-2014 International Conference on Recent Trends in Algebra and Analysis with Applications, Aligarh, India, 12 - 14 February 2014

XXII. Operators Ideal of Difference Sequence Spaces Derived by Using a Generalized Weighted Mean

POLAT H., ŞİMŞEK N.

ATIM 2013 Algerian-Turkish International days on Mathematics, İstanbul, Turkey, 12 - 14 September 2013, pp.96

XXIII. Operators Ideal of Generalized Modular Spaces of Cesaro Type Defined by Weighted Means

ŞİMŞEK N., KARAKAYA V., POLAT H.

IECMSA-2013 2nd International Eurasian Conference on Mathematical Sciences and Applications, Saraybosna, Bosnia And Herzegovina, 26 - 29 August 2013, pp.112

Supported Projects

Zeren Y., Şimşek N., Akın L., Şirin F., Karaçam C., Other International Funding Programs, TÜBİTAK-ANAS ULUSLARARASI İKİLİ İŞBİRLİĞİ PROJESİ (Proje No: 118F447), 2020 - 2022