

Assoc. Prof. RABİA SAVAŞ

Personal Information

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Education Information

Doctorate, Sakarya University, Institute Of Science, Matematik Bölümü, Turkey 2015 - 2019

Postgraduate, Istanbul Commerce University, Institute Of Science, Matematik, Turkey 2013 - 2015

Undergraduate Double Major, Istanbul Commerce University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2011 - 2014

Undergraduate, Istanbul Commerce University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2009 - 2013

Dissertations

Doctorate, Summability methods for two variables measurable functions, Sakarya University, Institute Of Science, Matematik Bölümü, 2019

Postgraduate, Double Hausdorff toplanabilme metodu, Istanbul Commerce University, Institute Of Science, Matematik Bölümü, 2014

Research Areas

Mathematics, Sequences, Series, Summability, Functional Analysis, General Topology, Mathematical Logic and Foundations, Mathematics Education, Measure and Integration, Natural Sciences

Academic Titles / Tasks

Associate Professor, Istanbul Medeniyet University, Faculty Of Education Sciences, Mathematics And Science Education, 2022 - Continues

Visiting Lecturer, Istanbul Commerce University, Institute Of Science, Matematik Bölümü, 2020 - 2021

Visiting Lecturer, Istanbul Medipol University, Faculty Of Education, Department Of Mathematics And Science Teaching, 2020 - 2021

Researcher, University of North Florida, Department of Mathematics and Statistics , 2017 - 2019

Engineer, Uskudar Municipality, AB ve Dış İlişkiler Proje Birimi, 2014 - 2016

Courses

Olasılık ve İstatistik Öğretimi, Undergraduate, 2020 - 2021

Lineer Cebir II, Undergraduate, 2020 - 2021

Lineer Cebir II, Undergraduate, 2021 - 2022

Öğretmenlik Uygulaması, Undergraduate, 2020 - 2021

Cebir, Undergraduate, 2020 - 2021
Analitik Geometri, Undergraduate, 2020 - 2021
Matematik I, Undergraduate, 2020 - 2021
College Algebra, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sliding window convergence in intuitionistic fuzzy normed spaces for measurable functions**
Savas R.
SOFT COMPUTING, vol.10100700500022072127, pp.1-8, 2022 (Peer-Reviewed Journal)
- II. **Matrix characterization of asymptotically deferred equivalent sequences**
Savas R.
QUAESTIONES MATHEMATICAE, vol.44, no.12, pp.1807-1816, 2021 (Peer-Reviewed Journal)
- III. **Multidimensional Strongly Deferred Invariant Convergence**
Savas R.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.42, no.11, pp.1323-1333, 2021 (Peer-Reviewed Journal)
- IV. **Rates of asymptotically statistical equivalents of measurable functions**
Savas R.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2021 (Peer-Reviewed Journal)
- V. **Summability approximation theorems of double random variables**
Savas R., Patterson R. F.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, 2021 (Peer-Reviewed Journal)
- VI. **Gauge strongly summability of measurable functions**
Savas R., Patterson R. F.
Carpathian Journal Of Mathematics, vol.37, no.1, pp.109-117, 2021 (Peer-Reviewed Journal)
- VII. **Multiple lambda mu-statistically convergence via (ϕ) over-tilde functions**
Savas R.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2020 (Peer-Reviewed Journal)
- VIII. **Multidimensional Linear Functional Connected with Double Strong Cesaro Summability**
Patterson R. F. , Savas R., Savas E.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.51, no.1, pp.143-153, 2020 (Peer-Reviewed Journal)
- IX. **On the Generalized Ideal Asymptotically Statistical Equivalent of Order alpha for Functions**
Savas R., Ozturk M.
UKRAINIAN MATHEMATICAL JOURNAL, vol.70, no.12, pp.1901-1912, 2019 (Peer-Reviewed Journal)
- X. **Multidimensional Matrix Characterization of Asymptotic Equivalent and Ideal for Double Sequences**
Savas R., Patterson R. F.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.40, no.6, pp.654-669, 2019 (Peer-Reviewed Journal)
- XI. **lambda-Double Statistical Convergence of Functions**
Savas R.
FILOMAT, vol.33, no.2, pp.519-524, 2019 (Peer-Reviewed Journal)
- XII. **On E-J Hausdorff Transformations for Double Sequences**
Savas R., Sevli H.
FILOMAT, vol.33, no.2, pp.525-534, 2019 (Peer-Reviewed Journal)
- XIII. **On double Hausdorff summability method**
Sevli H., Savas R.
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2014, 2014 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Multidimensional Asymptotically Lacunary Statistical Equivalent of Order α for Sequences of Fuzzy Numbers**
Savaş R.
Fuzzy Information and Engineering, vol.1, pp.1-10, 2022 (Peer-Reviewed Journal)
- II. **Double Lacunary Statistical Boundedness of Order α**
Savaş R.
Romanian Journal of Mathematics and Computer Science , vol.1, no.12, pp.37-49, 2022 (Peer-Reviewed Journal)
- III. **Matrix characterization of asymptotically probability equivalent for measurable functions**
Savaş R.
Palestine Journal of Mathematics, vol.11, no.1, pp.608-612, 2022 (Peer-Reviewed Journal)
- IV. **λ -asymptotically statistical equivalent of bivariate measurable functions**
Savas R., Patterson R. F. , Ozturk M.
JOURNAL OF ANALYSIS, 2021 (Peer-Reviewed Journal)
- V. **Lacunary statistical boundedness of measurable functions**
Savaş R.
Mathematics and Natural Science, vol.6, pp.15-19, 2021 (Peer-Reviewed Journal)
- VI. **On Sequence Spaces and Some Matrix Transformations**
Savaş R.
Journal of the Orissa Mathematical Society, vol.39, no.1-2, pp.61-75, 2021 (Peer-Reviewed Journal)
- VII. **On Asymptotically Deferred Statistical Equivalent Measurable Functions**
Savaş R.
Journal of Classical Analysis, vol.16, no.2, pp.141-147, 2021 (Peer-Reviewed Journal)
- VIII. **Multidimensional statistical convergence of functions via ideal**
Savaş R., Patterson R. F.
Proceedings of the Jangjeon Mathematical Society, vol.23, no.4, pp.509-518, 2021 (Peer-Reviewed Journal)
- IX. **New sequence spaces via orlicz functions**
Savas R.
Proceedings of the Jangjeon Mathematical Society, vol.24, no.2, pp.186-190, 2021 (Peer-Reviewed Journal)
- X. **ξ -Double Strongly Summable Sequences of order θ**
Savaş R.
Proceedings of the Institute of Mathematics and Mechanics National Academy of Sciences of Azerbaijan 4(4), vol.40, no.4, pp.145-152, 2020 (Peer-Reviewed Journal)
- XI. **I- almost Lacunary vector valued sequence spaces in 2- normed spaces**
Savaş R.
Maltepe Journal of Mathematics, vol.2, no.2, pp.76-81, 2020 (Peer-Reviewed Journal)
- XII. **On Some Multiple Statistical Convergence of order θ Defined by Almost Lacunary Sequences**
Savaş R.
Journal of Analysis & Number Theory, vol.8, no.1, pp.7-10, 2020 (Peer-Reviewed Journal)
- XIII. **ON DOUBLE ALMOST LACUNARY SUMMABLE SEQUENCES OF ORDER θ DEFINED VIA ORLICZ FUNCTION**
Savaş R.
Romanian Journal of Mathematics and Computer Science, vol.10, no.2, pp.82-87, 2020 (Peer-Reviewed Journal)
- XIV. **Strongly Summable Bivariate Measurable Functions of Weight g**
Savaş R.
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.15, no.1, pp.80-89, 2020 (Peer-Reviewed Journal)
- XV. **New sequence spaces defined by infinite matrix**
Savaş R.
The Aligarh Bulletin of Mathematics, vol.39, no.1, pp.9-18, 2020 (Peer-Reviewed Journal)

- XVI. **Some Inclusion Theorems related to Asymptotically Deferred Statistical Equivalent Measurable Functions**
Savas R.
PUNJAB UNIVERSITY JOURNAL OF MATHEMATICS, vol.52, no.12, pp.1-7, 2020 (Peer-Reviewed Journal)
- XVII. **I-2-LACUNARY STRONGLY SUMMABILITY FOR MULTIDIMENSIONAL MEASURABLE FUNCTIONS**
Sava R., Patterson R. F.
PUBLICATIONS DE L INSTITUT MATHEMATIQUE-BEOGRAD, vol.107, no.121, pp.93-107, 2020 (Peer-Reviewed Journal)
- XVIII. **GENERALIZATION OF STATISTICALLY CONVERGENT**
Savas R., Patterson R. F.
METHODS OF FUNCTIONAL ANALYSIS AND TOPOLOGY, vol.26, no.4, pp.384-389, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Multidimensional asymptotically deferred statistical equivalent measurable functions**
Savaş R.
International Conference of Mathematical Sciences (ICMS 2022) , İstanbul, Turkey, 25 - 26 June 2022, pp.1-8
- II. **On Double Statistical Convergence in Fuzzy Metric Spaces**
Savaş R.
ICRAPAM 2021, Muğla, Turkey, 24 - 27 September 2021, pp.234-243
- III. **Almost Lacunary p-bounded Variation and Matrix Transformations**
Savaş R.
7Th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS (ICRAPAM 2020), Antalya, Turkey, 25 - 28 September 2020, pp.69-72
- IV. **Double Almost Lacunary Statistical Convergence of Weight g in 2-Normed Spaces**
Savas R.
4th International Conference of Mathematical Sciences (ICMS), ELECTR NETWORK, 17 - 21 June 2020, vol.2334
- V. **Double Almost Lacunary Summable Sequences of Weight g in 2-normed Spaces**
Savas R.
4th International Conference of Mathematical Sciences (ICMS), ELECTR NETWORK, 17 - 21 June 2020, vol.2334
- VI. **An Extension Asymptotically lambda-Statistical Equivalent Sequences via Ideals**
Savas E., Savas R.
4th International Conference on Mathematics and Computing (ICMC), Varanasi, India, 9 - 11 January 2018, vol.253, pp.361-371

Supported Projects

- Savaş R., Ministry of Youth and Sports, YADİGÂR-I ECDAD! SON KALE ANADOLU VE KUDÜS, 2015 - 2016
Savaş R., Ministry of Youth and Sports, TÜRK KÜLTÜRÜNÜ VE MEDENİYETİNİ TANITMAK, 2014 - 2015
Savaş R., Ministry of Youth and Sports, KARDEŞLİK BİLİNCİ İÇİN GENÇLERLE EL ELE, 2013 - 2014

Scientific Refereeing

- kyungpook mathematical journal, Journal Indexed in ESCI, February 2022
FILOMAT, SCI Journal, February 2020

Metrics

Publication: 38
Citation (WoS): 4
Citation (Scopus): 4
H-Index (WoS): 1
H-Index (Scopus): 1

Awards

Savaş R., Matematik Bölümü, Yüksek lisans - Okul 1.liği, İstanbul Ticaret Üniversitesi, June 2015
Savaş R., Matematik Bölümü, Üstün Onur Belgesi, İstanbul Ticaret Üniversitesi, June 2013
Savaş R., Matematik Bölümü, Lisans - Okul 1.liği, İstanbul Ticaret Üniversitesi, June 2013