Asst. Prof. SAJEDEH NOROZPOUR SIGAROODI

Personal Information

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International Researcher IDs

ScholarID: SajedehNOROZPOUR

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ScopusID: 57201334106

Yoksis Researcher ID: 318318

Education Information

Doctorate, Eastern Meditarranean University, Faculty Of Arts And Sciences, Department Of Mathematics, Cyprus (Kktc) 2013 - 2018

Postgraduate, Geylan Üniversitesi, Fen ve Edebiyat , Matematik, Iran 2011 - 2013

Undergraduate, Geylan Üniversitesi, Fen Edebiyat , Matematik , Iran 2007 - 2011

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, On An Alternative View of Complex Calculus, Eastern Meditarranean University, Faculty Of Arts And Sciences, Department Of Mathematics, 2018

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, FACULTY OF ENGINEERING AND ARCHITECTURE, CIVIL ENGINEERING, 2019 - Continues

Assistant Professor, Near East University, 2017 - 2019

Lecturer, Doğu Akdeniz Üniversitesi, Fen Ve Edebiyat Fakültesi, Matematik Bölümü, 2013 - 2018

Academic and Administrative Experience

Erasmus Program Institutional Coordinator, Istanbul Gelisim University, FACULTY OF ENGINEERING AND

ARCHITECTURE, 2023 - Continues

Deputy Head of Department, Istanbul Gelisim University, FACULTY OF ENGINEERING AND ARCHITECTURE, CIVIL
ENGINEERING, 2022 - 2023

Courses

STATISTICS, Undergraduate, 2022 - 2023

MATHEMATICS 1, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020

DIFFERENTIAL EQUATION, Undergraduate, 2022 - 2023

NUMERICAL ANALYSIS, Undergraduate, 2021 - 2022, 2020 - 2021

MATHEMATICS II, Undergraduate, 2021 - 2022

LINEAR ALGEBRA, Undergraduate, 2021 - 2022, 2020 - 2021

MATHEMATICS 2, Undergraduate, 2020 - 2021, 2019 - 2020

Differential Equations, Undergraduate, 2020 - 2021, 2019 - 2020

PROBABILITY AND STATISTICS, Undergraduate, 2020 - 2021, 2019 - 2020

ADVANCED MATHEMATICS, Undergraduate, 2019 - 2020

MATHEMATICS FOR ECONOMY AND FINANCE, Undergraduate, 2019 - 2020

NUMERICAL ANALYSIS, Undergraduate, 2018 - 2019

ALGEBRA, Undergraduate, 2018 - 2019

OLASILIK, Undergraduate, 2018 - 2019

KARMASIK ANALIZ, Undergraduate, 2018 - 2019

CALCULUS 2, Undergraduate, 2018 - 2019

CALCULUS 1, Undergraduate, 2018 - 2019

LINEAR ALGEBRA, Undergraduate, 2018 - 2019

DIFFERENTIAL EQUATIONS, Undergraduate, 2018 - 2019

COMPLEX ANALYSIS, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Farsi document image recognition system using word layout signature**
Ergün C., Norozpour S.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.27, no.2, pp.1477-1488, 2019 (SCI-Expanded)

II. **On an alternative view to complex calculus**
Bashirov A. E., Norozpour S.
Mathematical Methods in the Applied Sciences, vol.41, no.17, pp.7313-7324, 2018 (SCI-Expanded)

Articles Published in Other Journals

I. **ON FRACTIONAL INTEGRAL OPERATOR OVER NON-NEWTONIAN CALCULUS**
Momenzadeh M., Norozpour Sıgaroodı S., Bashırov A.
Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.13, no.02, pp.440-447, 2023 (ESCI)

II. **A Mathematical Model to Evaluate the Impact of Yoga Poses on Body**
NOROZPOUR SIGAROODI S.
International Journal of Engineering Technologies (IJET), vol.8, no.01, pp.21-24, 2023 (Peer-Reviewed Journal)

III. **On the Performance of Teaching Digitalization by Use of Linear Regression Mathematical Method**
Norozpour S.
TEM Journal, vol.11, no.3, pp.1223-1228, 2022 (ESCI)

IV. **On e-Learning Difficulties Worldwide Faced Throughout the COVID-19**
NOROZPOUR SIGAROODI S.
Natural Volatiles and Essential Oils, vol.8, no.03, pp.9751-9760, 2021 (Scopus)

V. **Proposing new system for handling business data systems with more functionality and usability**
NOROZPOUR S., MOMENZADEH M., Abolhasani A.
Nexo Revista Científica, vol.34, no.02, pp.835-847, 2021 (Peer-Reviewed Journal)

VI. **Alternative fractional derivative operator on non-newtonian calculus and its approaches**
MOMENZADEH M., NOROZPOUR S.
Nexo Revista Científica, vol.34, no.02, pp.906-915, 2021 (Peer-Reviewed Journal)

VII. **On Comparison of Different Image Segmentation Techniques**
NOROZPOUR S., MOMENZADEH M.
Türk Bilgisayar ve Matematik Eğitimi Dergisi, vol.12, no.11, pp.4659-4663, 2021 (Peer-Reviewed Journal)

VIII. **Foreigner identification number in Turkey: challenges, threats, opportunities and its role in organizational sustainability development**
SAFAEL M., NOROZPOUR S.
PSYCHOLOGY AND EDUCATION, vol.1, pp.3109-3120, 2021 (Scopus)

IX. **An Overview on Game Theory and Its Application**
NOROZPOUR S., SAFAEL M.
IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING, vol.993, pp.12114, 2020 (Peer-Reviewed Journal)

X. **Proposing New Method for Clustering and Optimizing EnergyConsumption in WSN**
NOROZPOUR S., Mehdi D.
TALENT DEVELOPMENT AND EXCELLENCE, pp.2631-2643, 2020 (Scopus)

XI. **Study of New Class of q-fractional Derivative Operator and its Properties**
MOMENZADEH M., NOROZPOUR S.
International Journal of Advanced Science and Technology, vol.29, pp.2871-2878, 2020 (Peer-Reviewed Journal)

XII. **On complex multiplicative integration**
BASHIROV A., NOROZPOUR S.
Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.7, pp.82-93, 2017 (Peer-Reviewed Journal)

XIII. **The Existence of General Solution of Non-linear partial differential equation in General case in complex space**
NOROZPOUR S.
Research Journal of Recent Sciences, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Simulation of the Relation Between the Number of COVID-19 Death Cases as a Result of the Number of Handwashing Facilities by Using Artificial Intelligence**
NOROZPOUR SIGAROODI S.
in: Artificial Intelligence for COVID-19 , Diego Oliva, Said Ali Hassan, Ali Mohamed, Editor, Studies in Systems, Decision and Control, Turkey, pp.1-10, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **New Approach to q fractional derivative.**
NOROZPOUR S., MOMENZADEH M.
6th International conference on recent advanced in pure and applied mathematics, İstanbul, Turkey, 12 June 2019, pp.58

II. **Existence and uniqueness results for Multiplicative Fractional differential equation with three point integral boundary value problem**
NOROZPOUR S.
Fourth International Conference on Analysis and Applied Mathematics, Lefkoşa, Cyprus (Kktc), 6 - 09 September 2018, pp.28

III. **Fourier Analysis to computing new Variables for determining SNR**
NOROZPOUR S., ERGÜN C.
5th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS, Trabzon, Turkey, 23 - 27 July 2018, pp.136-137

IV. **BIGEOMETRIC COMPLEX CALCULUS**
NOROZPOUR S., BASHIROV A.
16th International conference on Computational and Mathematical Methods in Science and Economics, Rota, Spain, 04 June 2017, pp.211-220

V. **Riemann Surface of Complex Logarithm and Multiplicative Calculus**
NOROZPOUR S., BASHIROV A.
International conference on Mathematics and computational Mechanics, Berlin, Germany, 21 May 2017, vol.19, pp.2449

VI. **Multiplicative Complex Integral**
NOROZPOUR S., BASHIROV A.
International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2016), Bodrum, Turkey, 19 May 2016, pp.52