

## Asst. Prof. Niyazi Anıl Gezer

### Personal Information

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### International Researcher IDs

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### Research Areas

Functional Analysis, Integral Equations, Operators

### Academic Titles / Tasks

Assistant Professor, TED University, Faculty of Arts and Sciences, Mathematics, 2022 - Continues

### Courses

Linear Algebra I, Undergraduate, 2022 - 2023

Linear Algebra I, Undergraduate, 2022 - 2023

Introduction to Statistics, Undergraduate, 2023 - 2024, 2022 - 2023

Introduction to Probability Theory, Undergraduate, 2023 - 2024, 2022 - 2023

Senior Project, Undergraduate, 2022 - 2023

Linear Algebra, Undergraduate, 2022 - 2023

Fundamentals of Mathematics, Undergraduate, 2022 - 2023

Fundamentals of Mathematics, Undergraduate, 2022 - 2023

Advanced Calculus II, Undergraduate, 2022 - 2023

Graph Theory, Undergraduate, 2022 - 2023

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On Fragments on Lattice Normed Vector Lattices**  
Bolat S., Erkuşun-Özcan N., Gezer N. A.  
RESULTS IN MATHEMATICS, vol.78, no.6, pp.1-13, 2023 (SCI-Expanded)
- II. **Unbounded growth of sequences in vector lattices**  
Gezer N. A.  
Positivity, vol.27, no.2, 2023 (SCI-Expanded)
- III. **Induced actions of B-Volterra operators on regular bounded martingale spaces**  
Erkuşun-Özcan N., Gezer N. A.  
Indagationes Mathematicae, vol.32, no.4, pp.861-882, 2021 (SCI-Expanded)
- IV. **Order compact and unbounded order compact operators**

Özcan N. E., Gezer N. A., Özdemir Ş. E., Urganci İ. M.

Turkish Journal of Mathematics, vol.45, no.2, pp.634-646, 2021 (SCI-Expanded)

V. **Unbounded asymptotic equivalences of operator nets with applications**

Erkurşun-Özcan N., Gezer N. A.

Positivity, vol.23, no.4, pp.829-851, 2019 (SCI-Expanded)

VI. **Unbounded absolutely weak Dunford-Pettis operators**

ERKURŞUN ÖZCAN N., Gezer N. A., Zabeti O.

Turkish Journal of Mathematics, vol.43, no.6, pp.2731-2740, 2019 (SCI-Expanded)

## Articles Published in Other Journals

I. **An application of recurrence relations to central force fields**

Gezer N. A.

Turkish Journal of Astronomy and Astrophysics, vol.5, no.2, pp.13-21, 2024 (Peer-Reviewed Journal)

II. **ON OPERATOR THEORETICAL ASPECTS OF LATTICE PSEUDONORMED LATTICES**

Erkurşun Özcan N., Gezer N. A.

Uzbek Mathematical Journal, vol.67, no.3, pp.71-83, 2023 (Peer-Reviewed Journal)

III. **Spaces of  $u\tau$ -dunford-pettis and  $u\tau$ -compact operators on locally solid vector lattices**

Erkurşun-özcan N., Gezer N. A., Zabeti O.

Matematicki Vesnik, vol.71, no.4, pp.351-358, 2019 (Scopus)