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EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	SAKARYA UNIVERSITY	TOPOLOGY	2016 - 2022
Master's Degree	SAKARYA UNIVERSITY	TOPOLOGY	2013 - 2016
Bachelor's Degree	SAKARYA UNIVERSITY	MATHEMATICS	2008 - 2013

RESEARCH AREAS

TOPOLOGY

ACADEMIC DUTIES

Duty	University	Area	Year(s)
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ADMINISTRATIVE DUTIES

Duty	University	Year(s)
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ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
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NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
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BOOKS

ARTICLES

Generalized fuzzy Mandelbrot and Mandelbar sets

İbrahim İNCE, Soley ERSOY

Communications in Nonlinear Science and Numerical Simulation, 2023

[International DOI: https://doi.org/10.1016/j.cnsns.2022.107045](https://doi.org/10.1016/j.cnsns.2022.107045)

Fuzzy Mandelbrot Set and Its Perturbations by Dynamical Noises

Nikola Popović, Soley Ersoy, İbrahim İnce, Ana Savić, Vladimir Baltić

Fractal and Fractional, 2024

[International DOI: https://doi.org/10.3390/fractalfract8030158](https://doi.org/10.3390/fractalfract8030158)

Fuzzy Mandelbrot Sets

İbrahim İNCE, Soley ERSOY

Fuzzy sets and systems, 2022

[International DOI: https://doi.org/10.1016/j.fss.2021.03.007](https://doi.org/10.1016/j.fss.2021.03.007)

On Sequential Topological Groups

İbrahim İNCE, Soley ERSOY

The Pure and Applied Mathematics, 2018

[International DOI: https://doi.org/10.7468/jksmeb.2018.25.4.243](https://doi.org/10.7468/jksmeb.2018.25.4.243)

Strongly k-spaces

Soley Ersoy, İbrahim İnce, Merve Bilgin

Bulletin of the Iranian Mathematical Society, 2017

[International](#)

ARTICLES

Generalized open sets of Minkowski space

Ersoy, Soley, Merve Bilgin, and İbrahim İnce

Mathematica Moravica, 2015

International

PROCEEDINGS

"Generalized Open Subsets of Minkowski Space"

Ersoy S., Bilgin M., and Ince I.

3rd International Eurasian Conference on Mathematical Sciences And Applications, Vienna, Austria, p. 440, 25-28 August 2014.,

International

"Strongly k-space"

Ersoy S., Ince I., and Bilgin M.

4th International Eurasian Conference on Mathematical Sciences And Applications, Athens, Greece, p. 322, 31 August-03 September 2015.,

International

"Sequentially Topological Groups"

Ince I., Ersoy S.

5th International Eurasian Conference on Mathematical Sciences And Applications, Belgrade, Serbia, p. 223, 16-19 August 2016,

International

"Fuzzy Square-Compact Sets"

Ince I., Ersoy S., and Elturhan O.

20th International Geometry Symposium, Van, Türkiye, 18 - 20 July 2024.,

International

PROJECTS

THESIS SUPERVISION

COURSES

Course Type	Course Code	Course Name
Master's Degree	MATH500	ADVANCED ENGINEERING MATHEMATICS
Bachelor's Degree	MATH220	PROBABILITY AND STATISTICS
Bachelor's Degree	MATH260	DIFFERENTIAL EQUATIONS
Master's Degree	ECE572	THEORY OF FUZZY SYSTEMS

PERSONAL INFORMATION

CONTACT INFORMATION

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