



Nazife ERKURŞUN ÖZCAN

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Research Interest: Mathematics

- ▶ Functional Analysis: Operator Theory, Semigroup Theory
- ▶ Ergodic Theory: Mean Ergodicity, Special Operator Nets, Perturbation Theory
- ▶ Positivity: Banach Lattices, Positive Operators, Unbounded Convergence, Compact Operators on Vector Lattices

Education

Ph. D. Mathematics (June 2010)

- ▶ Middle East Technical University, Ankara, Turkey
Thesis Title: Convergence of Lotz-Raebiger Nets on Banach Spaces

M. Sc. Mathematics (February 2006)

- ▶ Middle East Technical University, Ankara, Turkey
Thesis Title: Basis in Nuclear Frechet Space

B. Sc. Mathematics Education (June 2001)

- ▶ Dokuz Eylul University, İzmir, Turkey

Professional Experience

Assoc. Prof. Dr. (October 2019 – Cont.)

- ▶ Hacettepe University, Department of Mathematics, Turkey

Assist. Prof. Dr. (September 2014- September 2019)

- ▶ Hacettepe University, Department of Mathematics, Turkey

Post Doctoral Researcher (March 2011 – June 2013)

- ▶ Tuebingen University, AG Funktionalanalysis, Germany

Research Assist. Dr. (December 2010 - February 2011)

- ▶ Selçuk University, Department of Mathematics, Turkey

Research Assist. (January 2002 – November 2010)

- ▶ Middle East Technical University, Department of Mathematics, Turkey

Research Visit

Post Doctoral Researcher (March 2011 – June 2013)

- Tuebingen University, AG Funktionalanalysis, Germany

Visiting Research Assist. (March 2009 – July 2009)

- Ulm University, Institute of Applied Analysis, Germany

Visiting Research Assist. (November 2008 – February 2009)

- Technical University of Gdansk , Applied Physics and Mathematics, Poland

Scientific and Academic Achievements

Awards

- L'Oréal - UNESCO Young Talents Award Programme, For Women in Science (FWIS), 2020
- Turkish Academy of Science TUBA, The Young Scientists Award Programme (GEBİP), 2019
- METU Prof. Dr. Mustafa N.PARLAR Education and Research Foundation, 2019 Research Incentive Award-
- Best Ph.D. Thesis at METU in 2010

Grants

- Postdoctoral scholarship by German Academic Exchange Service (DAAD)
- Postdoctoral scholarship by The Council of Higher Education of Turkey (YOK)
- The Scientific and Technological Research Council of Turkey (TUBITAK), Ph.D. Scholarship, 2007- 2010
- The Scientific and Technological Research Council of Turkey (TUBITAK), 2224A, 2018.
- The Scientific and Technological Research Council of Turkey (TUBITAK), 2224A, 2014.
- Scholarship from METU Faculty Development Program and State Planning Agency to study abroad as a visiting scholar at Gdansk University of Technology, October 2008 - February 2009.
- Scholarship from METU Faculty Development Program and State Planning Agency to study abroad as a visiting scholar at Ulm University, March 2009 - July 2009
- Standing Committee Member of European Women of Mathematics
- Erasmus + KA 107 Teaching Mobility for Academic Staff; Thunghai University, Taiwan, 2018 and 2019
- Erasmus + KA 107 Teaching Mobility for Academic Staff; Sao Paulo University, Brasil, 2018
- Erasmus + KA 107 Teaching Mobility for Academic Staff; The University of Georgia, Georgia, 2019
- ICM 2018 Open Arms Grants, Brasil
- WM² Full Support, Brasil
- Banff International Research Station, Workshop, Full Support, Mexico
- Isaac Newton Institute for Mathematical Sciences, Cambridge University, Periodic and Other Ergodic Problems Workshop, Full Support

- EWM General Meeting Full Support for Participation, Italy
- ICM and ICWM 2014 Together Grant provided to 100 woman mathematicians .
- Full Support for the ICTP-NLAGA School in Dynamical Systems and Ergodic Theory to be held in Dakar in June 2014 .
- Full Support for the Encounters Between Discrete and Continuous Mathematics, Workshop on Dynamical Networks, Numerical Analysis and Ergodic Theory, to be held in Budapest, Hungary, 2013.
- Full Support for the 12th Tulka Internet Seminar, Ergodic Theory Project 3, to be held in Blaubeuren, Germany, 2009
- Positivity VII, Partial Support, Leiden, Hollanda, 2014
- Workshop on Operator Theory and Operator Algebras (WOAT) Partial Support, Lisbon, Portekiz, 2012
- Positivity V, Partial Support, Belfast, Kuzey İrlanda, 2007.
- Barcelona Conference on C*-Algebras and Their Invariants, Partial Support, Barselona, İspanya, 2007

Publications: Total 22 articles in the prestigious international peer reviewed journals with 12 coauthors, please check my webpage: <http://yunus.hacettepe.edu.tr/~erkursun.ozcan/>

Citations

- Google Scholar: 177, h-index: 8
- Scopus: 50, h-index: 4
- Mathscinet: 60
- Web of Science: 42, h-index: 3
- Researchgate: 139, h-index: 8, RG-Score: 13.51

Talks given: In different countries 12 International conference talks, 5 national talks and workshop lectures, 26 seminars

Thesis Supervision

Doctorate

- **Niyazi Anil Gezer**, Some results on operator theory based on unbounded convergence, 2020.

Master

- **Sezer Bolat**, Free Banach Lattices, continue
- **Ezgihan Eryüksel**, On convergence of nets defined on vector lattices, continue
- **Şaziye Ece Özdemir**, Order and unbounded order compact operators on Riesz spaces, 2020.
- **Fatma Özbay**, Perturbation bound of Cesaro averages of homogeneous Markov process defined on ordered Banach spaces, 2017.

Professional Services

Article Editor: Turkish Journal of Mathematics

Referee: Turkish Journal of Mathematics, Hacettepe Journal of Mathematics and Statistics, European Journal of Pure and Applied Mathematics, New Trends in Mathematical Sciences, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Filomat

Panelist: TÜBİTAK ARDEB, TÜBİTAK BİDEB

Consultant: TUBA, TÜBİTAK

Reviewer: Zentralblatt, MathSciNet

Memberships:

- Turkish Academy of Sciences
- Turkish Young Academy of Sciences
- The For Women in Science Community
- As an inaugural member of STEM Women Asia

Administrative Duty

Hacettepe University

- Mevlana Program Faculty Coordinator 2019 – continue
- Erasmus Program Faculty Coordinator 2019 – continue
- Erasmus Program Department Coordinator 2014 – 2019
- HÜMDAT Consultant (Mathematics Student Club) 2016- continue
- Vice Chair of Mathematics Department 2015 – 2016
- Book Review Commission Member 2014 – 2016

Teaching: Calculus I-II, Advanced Calculus I-II, Complex Analysis, Functional Analysis, Introduction to Positive Operators and Banach Lattices, Probability Theory, Operator Semigroups and Ergodic Theory, Real Analysis, Applied Functional Analysis, Ergodic Theory, Introduction to Spectral Theory