
Yunus E. Zeytuncu

Current Position

Associate Dean and Professor of Mathematics
College of Arts, Sciences, and Letters
University of Michigan - Dearborn, Dearborn, Michigan

Education

Ph.D. – Mathematics June 2010
The Ohio State University, Columbus, OH
B.S.–Mathematics June 2004
Bilkent University, Ankara, Turkey

Professional Experience

Associate Dean July 2022 to present
Interim Associate Dean July 2021 to June 2022
College of Arts, Sciences, and Letters
University of Michigan - Dearborn, Dearborn, Michigan

Professor September 2022 to present
Associate Professor September 2017 to August 2022
Assistant Professor September 2013 to August 2017
Department of Mathematics and Statistics
University of Michigan - Dearborn, Dearborn, Michigan

Director September 2020 to present
Center for Mathematics Education
University of Michigan - Dearborn, Dearborn, Michigan

Visiting Assistant Professor September 2010 to August 2013
Department of Mathematics
Texas A&M University, College Station, Texas

Honors and Awards

- University of Michigan, Public Engagement Faculty Fellow, May-June 2023
- Distinguished Professor of the Year Award by the MASU (Michigan Association of State Universities), 2021
- Complex Analysis and its Synergies (Springer), Best CASJ paper Award with Mohit Bansil (UCLA), 2021
- MAA Michigan Section Distinguished Teaching Award, 2019
- Faculty Structured Outreach Support (S.O.S.) Fellow, Center for Educational Outreach, University of Michigan, 2019-2020
- AMS-Simons Travel Award, AMS, 2013-2015
- MAA Michigan Section Project Next Fellow, MAA, 2013-2015
- The Ohio State University Presidential Fellowship, 2009-2010
- The Scientific and Technology Council of Turkey Young Scientist Scholarship, 2000-2004

Recent Publications

- [1] Bosch, H., Gonzales, T., Spinelli, K., Udell, G., and **Zeytuncu, Y. E.**, *A Tauberian Approach to Weyl's Law for the Kohn Laplacian on Spheres*, Canadian Mathematical Bulletin, 1-21, 2021.
- [2] Sahutoglu, S. and **Zeytuncu, Y. E.**, *On compactness and L^p regularity in the $\bar{\partial}$ -Neumann problem*, Bull. Lond. Math. Soc., vol. 53, no. 5, 2021.
- [3] Balay, M., Neutgens, T., Rosen, N. Wagner, N. A., and **Zeytuncu, Y. E.**, *L^p Regularity of Toeplitz Operators on Generalized Hartogs Triangles*, Eur. J. Math., vol. 8, 2021.
- [4] Bosch, H., Gonzales, T., Spinelli, K., Udell, G., and **Zeytuncu, Y. E.**, *CR Embeddability of Quotients of the Rossi Sphere via Spectral Theory*, Int. J. Math., vol. 33, no. 2, 2022.
- [5] Fan, C., Kim, E., and **Zeytuncu, Y. E.**, *A Tauberian Approach to an Analog of Weyl's Law for the Kohn Laplacian on Compact Heisenberg Manifolds*, Complex Analysis and its Synergies, vol. 8, 2022.
- [6] Fan, C., Kim, E., Shors, I., Plzak, Z., Sottile, S., and **Zeytuncu, Y. E.**, *Spectral Analysis of the Kohn Laplacian on Lens Spaces*, Journal of Geometric Analysis, vol. 33, no. 116, 2023.

Recent Presentations

- [1] *Circle in a Box: Math Circles*, NJIT, May, 2024
- [2] *NSF REU Sites: 0 to 100*, University of Michigan-Dearborn, April 2024
- [3] *L^p Boundedness and Compactness of Toeplitz Operators and Berezin Transform*, JMM, January, 2024
- [4] *Distribution of eigenvalues of the Kohn Laplacian on Sphere Quotients*, JMM, January, 2024
- [5] *Spectral Geometry*, University of North Carolina-Greensboro, REU Seminar, June, 2023

Recent Awarded External Research Grants

- [1] NSF Conference Grants: Midwest Several Complex Variables 2017, NSF, Summer 2017-Summer 2018. Midwest Several Complex Variables 2019, NSF, Summer 2019-Summer 2020
- [2] Various foundation grants for the Center for Mathematics Education activities
- [3] REU Site: Mathematical Analysis and Applications, NSF and NSA, 2017-present