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Area: MATHEMATICS – ALGEBRA

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Online Research Profiles <https://mathscinet.ams.org/mathscinet/author?authorId=791602>

<https://www.webofscience.com/wos/author/record/27951881>

Research Area Keywords

- Matrix theory
- Group theory and generalisations
- Computational geometry
- Representation theory
- Algebraic topology

Recent Supervised Theses / Projects

Ph.D. Theses:

- 1) On Eigenvalues and Eigenvectors of Block Matrices – Şakir Mehmet Dinsev (ongoing).
- 2) Discrete Rotations on the Triangular Plane – Aydın Avkan (2022).

M.Sc. Theses:

- 1) Properties of Block Matrices – Şakir Mehmet Dinsev (2023).
- 2) Irreducible Representations of Some Finite Groups – Aydın Avkan (2016).
- 3) Invariants and Bestvina–Brady Groups – Sedef S. Emin (2015).
- 4) Cryptography by means of Linear Algebra and Number Theory – Ajaeb Elfadel (2014).
- 5) Euler Characteristics of Groups: C.T.C. Wall's Approach – Cemaliye Kürt (2012).