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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 2017 - 2023

Postgraduate, Karadeniz Technical University, -, Matematik, Turkey 2014 - 2017

Masters (Non-Thesis), Istanbul University, Institute Of Graduate Studies In Sciences, Ortaöğretim Matematik Öğretmenliği, Turkey 2009 - 2010

Undergraduate, Istanbul University, Faculty Of Science, Matematik, Turkey 2005 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, A Class Of First Order Degenerate Differential Operators And Some Their Spectral Problems, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2023

Postgraduate, Bir Sınıf Yarı Normal Operatörlerin Genişletilmiş Spektrumu, Karadeniz Technical University, -, Matematik, 2017

Research Areas

Mathematics, Functional Analysis, Measure and Integration, Natural Sciences

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, -, Matematik, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. On the connection between $\sigma_\epsilon(A1 \oplus A2)$ and $\sigma_\epsilon(A1)$, $\sigma_\epsilon(A2)$ for certain special operators YILMAZ F.
Turkish Journal of Mathematics, vol.48, no.5, pp.995-1000, 2024 (SCI-Expanded)

- II. **Singular Degenerate Normal Operators For First-Order**
Yilmaz F., Sertbaş M.
MISKOLC MATHEMATICAL NOTES, vol.23, no.1, pp.521-528, 2022 (SCI-Expanded)
- III. **Degenerate maximal hyponormal differential operators for the first order**
SERTBAŞ M., YILMAZ F.
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.1, pp.126-131, 2019 (SCI-Expanded)
- IV. **On the extended spectrum of some quasinormal operators**
SERTBAŞ M., YILMAZ F.
TURKISH JOURNAL OF MATHEMATICS, vol.41, no.6, pp.1477-1481, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Normal Extensions of Differential Operators for Degenerate First-order**
SERTBAŞ M., YILMAZ F.
Lobachevskii Journal of Mathematics, vol.45, no.3, pp.1254-1260, 2024 (ESCI)
- II. **A NOTE FOR COMPACT OPERATORS ON INFINITE TENSOR PRODUCTS**
SERTBAŞ M., YILMAZ F.
ACTA MATHEMATICA UNIVERSITATIS COMENIANAE, vol.90, no.2, pp.209-216, 2021 (ESCI)
- III. **q-Quasinormal Operators and Its Extended Eigenvalues**
SERTBAŞ M., YILMAZ F.
Maltepe Journal of Mathematics, vol.2, no.1, pp.9-13, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Note About Pseudospectrum Of The Tensor Product Operator**
Yilmaz F.
6th International HYBRID Conference on Mathematical Advances and Applications, İstanbul, Turkey, 10 - 13 May 2023, pp.96
- II. **A Note For Compact Operators On Infinite Tensor Products**
Sertbaş M., Yilmaz F.
Sixth International Conference On Analysis And Applied Mathematics, Antalya, Turkey, 31 October - 06 November 2022, pp.31
- III. **Degenerate Maximal Hyponormal Differential Operators For The First Order**
Sertbaş M., Yilmaz F.
Internatinal Conference on Recent Advances in Pure and Applied Mathematics, İstanbul, Turkey, 12 - 15 June 2019, pp.72
- IV. **Singular Degenerate Normal Differential Operators for First-Order**
YILMAZ F., SERTBAŞ M.
3rd International Conference of Mathematical Sciences (ICMS), İstanbul, Turkey, 4 - 08 September 2019, vol.2183
- V. **q-Quasinormal Operators and Its Extended Eginvalues**
YILMAZ F., SERTBAŞ M.
Internatinal Conference on Recent Advances in Pure and Applied Mathematics, Trabzon, Turkey, 23 - 27 June 2018
- VI. **Extended Spectrum of Some Quasinormal Operators**
SERTBAŞ M., YILMAZ F.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 3 - 07 July 2017, pp.235
- VII. **Bir Sınıf Yarı Normal Operatörlerin Genişletilmiş Spektrumu**
YILMAZ F., SERTBAŞ M.

Metrics

Publication: 14

Citation (WoS): 1

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1