

## Res. Asst. PhD SADIK EYİDOĞAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: FZV-9271-2022

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### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2017 - Continues

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2015 - 2017

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathematics, Turkey 2006 - 2011

### Research Areas

Dynamic Systems and Ergodic Theory, Fourier Analysis, Number Theory, Abstract Harmonic Analysis

### Published journal articles indexed by SCI, SSCI, and AHCI

#### I. Arithmetic progressions in certain subsets of finite fields

Eyidoğan S., Göral H., Kutlu M. K.

FINITE FIELDS AND THEIR APPLICATIONS, vol.91, pp.1-59, 2023 (SCI-Expanded)

#### II. On Classification of Sequences Containing Arbitrarily Long Arithmetic Progressions

Celik S. C., Eyidogan S., Goral H., Sertbas D. C.

INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.19, no.8, pp.1917-1952, 2023 (SCI-Expanded)

#### III. The Hewitt realcompactification of an orbit space

Eyidogan S., ONAT M.

TURKISH JOURNAL OF MATHEMATICS, vol.44, no.6, pp.2330-2336, 2020 (SCI-Expanded)

### Articles Published in Other Journals

#### I. Irreducibility and Primality in Differentiability Classes

Batal A., Eyidoğan S., Göral H.

REAL ANALYSIS EXCHANGE, vol.48, pp.119-138, 2023 (ESCI)

#### II. A VARIANT OF THE PROOF OF VAN DER WAERDEN'S THEOREM BY FURSTENBERG

EYİDOĞAN S., ÖZKURT A. A.

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.70, no.2, pp.0-1072, 2021 (ESCI)

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Irreducibility in differentiability classes**

EYİDOĞAN S.

Number Theory and Combinatorics, 18 November 2022

### **II. Schur Önsavı ve Fermat'ın Son Teoremi**

EYİDOĞAN S.

İzmir Matematik Günleri – III, Turkey, 01 October 2020

### **III. Notes on the Hewitt realcompactification of an orbit space**

EYİDOĞAN S.

3rd INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS, Turkey, 03 September 2020