

DOĞA CAN SERTBAŞ

RES. ASST. PHD

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International Researcher IDs

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Learning Knowledge

Doctorate
2016 - 2020

Koc University, Institute Of Science, Matematik, Turkey

Postgraduate
2011 - 2015

Rheinische Friedrich-Wilhelms-Universitaet Bonn, Matematik, Germany

Undergraduate
2007 - 2011

Izmir University Of Economics, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Harmonic Type Sums and Their Arithmetic Properties, Koc University, Institute Of Science, Mathematics, 2020

Postgraduate, GENERATION OF SAFE RSA MODULI, Rheinische Friedrich-Wilhelms-Universitaet Bonn, Matematik, 2015

Academic Titles / Tasks

Research Assistant PhD
2016 - Continues

Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü

Scholarships

YLSY, Ministry of Education, 2012 - 2014

2205 - Yurtiçi Lisans Burs Programı, TÜBİTAK, 2007 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Euler sums and non-integerness of harmonic type sums**
Goral H., SERTBAŞ D. C.

- HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.49, no.2, pp.586-598, 2020 (SCI-Expanded)
- DENSITY AND FINITENESS RESULTS ON SUMS OF FRACTIONS**
Goral H., SERTBAŞ D. C.
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol.147, no.2, pp.567-581, 2019 (SCI-Expanded)
 - A congruence for some generalized harmonic type sums**
Goral H., SERTBAŞ D. C.
INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.14, no.4, pp.1033-1046, 2018 (SCI-Expanded)
 - Divisibility properties of hyperharmonic numbers**
Goral H., Sertbas D. C.
ACTA MATHEMATICA HUNGARICA, vol.154, no.1, pp.147-186, 2018 (SCI-Expanded)
 - Almost all hyperharmonic numbers are not integers**
Goral H., SERTBAŞ D. C.
JOURNAL OF NUMBER THEORY, vol.171, pp.495-526, 2017 (SCI-Expanded)

Articles Published in Other Journals

- Some Results on Harmonic Type Sums**
GÖRAL H., SERTBAŞ D. C.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, no.1, pp.642-653, 2020 (Peer-Reviewed Journal)
- Hyperharmonic Numbers Can Rarely Be Integers**
ALKAN E., GÖRAL H., SERTBAŞ D. C.
INTEGERS: Electronic Journal of Combinatorial Number Theory, vol.18, pp.1-15, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- On Harmonic Numbers and Their Generalizations**
SERTBAŞ D. C.
International Autumn School on Computational Number Theory, 30 October - 03 November 2017

Activities in Scientific Journals

Cumhuriyet Science Journal, Foreign Language Redactor, 2018 - Continues

Metrics

Publication: 8
Citation (WoS): 10
Citation (Scopus): 8
H-Index (WoS): 2
H-Index (Scopus): 1

Research Areas

Cryptography, Number Theory