

Assoc. Prof. ÖMER KÜÇÜKSAKALLI

Personal Information

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Education Information

Doctorate, University of Massachusetts Amherst, Matematik Ve İstatistik Bölümü, United States Of America 2006 - 2009
Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1999 - 2004

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Class numbers of ray class fields of imaginary quadratic fields, University Of Massachusetts Amherst, Matematik Ve İstatistik Bölümü, 2009

Research Areas

Mathematics, Nonassociative Rings and Algebras, Algebraic Geometry, Commutative Rings and Algebras, Number Theory, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, 2010 - Continues

Lecturer, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, 2009 - 2010

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Value sets of folding polynomials over finite fields**
KÜÇÜKSAKALLI Ö.
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.3, pp.1407-1413, 2019 (Journal Indexed in SCI)
- II. **Value sets of bivariate folding polynomials over finite fields**
KÜÇÜKSAKALLI Ö.
FINITE FIELDS AND THEIR APPLICATIONS, vol.54, pp.253-272, 2018 (Journal Indexed in SCI)
- III. **Arithmetic exceptionalities of generalized Lattes maps**
KÜÇÜKSAKALLI Ö., ÖNSİPER M. H.
JOURNAL OF THE MATHEMATICAL SOCIETY OF JAPAN, vol.70, no.2, pp.823-832, 2018 (Journal Indexed in SCI)

- IV. **On the arithmetic exceptionality of polynomial mappings**
KÜÇÜKSAKALLI Ö.
BULLETIN OF THE LONDON MATHEMATICAL SOCIETY, vol.50, no.1, pp.143-147, 2018 (Journal Indexed in SCI)
- V. **Bivariate polynomial mappings associated with simple complex Lie algebras**
KÜÇÜKSAKALLI Ö.
JOURNAL OF NUMBER THEORY, vol.168, pp.433-451, 2016 (Journal Indexed in SCI)
- VI. **Value sets of bivariate Chebyshev maps over finite fields**
KÜÇÜKSAKALLI Ö.
FINITE FIELDS AND THEIR APPLICATIONS, vol.36, pp.189-202, 2015 (Journal Indexed in SCI)
- VII. **On the computation of generalized division polynomials**
KÜÇÜKSAKALLI Ö.
TURKISH JOURNAL OF MATHEMATICS, vol.39, no.4, pp.547-555, 2015 (Journal Indexed in SCI)
- VIII. **Value sets of Lattes maps over finite fields**
Kucuksakalli O.
JOURNAL OF NUMBER THEORY, vol.143, pp.262-278, 2014 (Journal Indexed in SCI)
- IX. **On the units generated by Weierstrass forms**
KÜÇÜKSAKALLI Ö.
LMS JOURNAL OF COMPUTATION AND MATHEMATICS, vol.17, pp.303-313, 2014 (Journal Indexed in SCI)
- X. **A RECURRENCE RELATION FOR BERNOULLI NUMBERS**
KÜÇÜKSAKALLI Ö.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.42, no.4, pp.319-329, 2013 (Journal Indexed in SCI)
- XI. **Class numbers of ring class fields of prime conductor**
KÜÇÜKSAKALLI Ö.
ACTA ARITHMETICA, vol.153, no.3, pp.251-269, 2012 (Journal Indexed in SCI)
- XII. **CLASS NUMBERS OF RAY CLASS FIELDS OF IMAGINARY QUADRATIC FIELDS**
Kucuksakalli O.
MATHEMATICS OF COMPUTATION, vol.80, no.274, pp.1099-1122, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A Proof of the Lucas-Lehmer Test and its Variations by Using a Singular Cubic Curve**
KÜÇÜKSAKALLI Ö.
JOURNAL OF INTEGER SEQUENCES, vol.21, no.6, 2018 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Value sets of Lattes maps over finite fields**
KÜÇÜKSAKALLI Ö.
The 12th International Conference on Finite Fields and Their Applications, New York, United States Of America, 13 - 17 July 2015
- II. **Weierstrass Formları Tarafından Üretilen Tersinir Elemanlar Üzerine**
KÜÇÜKSAKALLI Ö.
10. Ankara Matematik Günleri, Ankara, Turkey, 11 - 12 June 2015
- III. **On the units generated by Weierstrass forms**
KÜÇÜKSAKALLI Ö.
Algorithmic Number Theory Symposium XI, Gyeongju, South Korea, 6 - 11 August 2014, vol.17, pp.303-313

Citations

Total Citations (WOS):13

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