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Education Information

Doctorate, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Ens., Matematik, Turkey 2002 - 2008

Postgraduate, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Ens., Matematik, Turkey 2000 - 2002

Undergraduate, Akdeniz Üniversitesi, Fen Fakültesi, Matematik, Turkey 1997 - 2000

Undergraduate, Selçuk Üniversitesi, Fen Fakültesi, Matematik, Turkey 1996 - 1997

Foreign Languages

English, C1 Advanced

Research Areas

Mathematics, Algebraic Geometry, Commutative Rings and Algebras, Combinatorics, Natural Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe Üniversitesi, Fen Fakültesi, 2014 - Continues

Associate Professor, Çankırı Karatekin Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2012 - 2014

Assistant Professor, Çankırı Karatekin Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2010 - 2012

Academic and Administrative Experience

Çankırı Karatekin Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2013 - 2014

Advising Theses

ŞAHİN M., Simitli bir çeşitlemin genişlemeleri üzerinde hesaplama kodları, Postgraduate, Y.YAKUT(Student), 2017

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

- I. On parameterized toric codes

Baran E., ŞAHİN M.

APPLICABLE ALGEBRA IN ENGINEERING COMMUNICATION AND COMPUTING, 2021 (Journal Indexed in SCI)

- II. **Gluing semigroups and strongly indispensable free resolutions**
ŞAHİN M., Stella L. G.
INTERNATIONAL JOURNAL OF ALGEBRA AND COMPUTATION, vol.29, no.2, pp.263-278, 2019 (Journal Indexed in SCI)
- III. **BETTI NUMBERS FOR CERTAIN COHEN-MACAULAY TANGENT CONES**
ŞAHİN M., Sahin N.
BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY, vol.99, no.1, pp.68-77, 2019 (Journal Indexed in SCI)
- IV. **LIFTINGS OF A MONOMIAL CURVE**
ŞAHİN M.
BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY, vol.98, no.2, pp.230-238, 2018 (Journal Indexed in SCI)
- V. **Toric codes and lattice ideals**
ŞAHİN M.
FINITE FIELDS AND THEIR APPLICATIONS, vol.52, pp.243-260, 2018 (Journal Indexed in SCI)
- VI. **On pseudo symmetric monomial curves**
ŞAHİN M., Sahin N.
COMMUNICATIONS IN ALGEBRA, vol.46, no.6, pp.2561-2573, 2018 (Journal Indexed in SCI)
- VII. **Multigraded Hilbert functions and toric complete intersection codes**
ŞAHİN M., Soprunov I.
JOURNAL OF ALGEBRA, vol.459, pp.446-467, 2016 (Journal Indexed in SCI)
- VIII. **Toric ideals of simple surface singularities**
Kaya G., Mete P., Sahin M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, no.5, pp.1057-1069, 2015 (Journal Indexed in SCI)
- IX. **Equations Defining Recursive Extensions as Set Theoretic Complete Intersections**
Tran Hoai Ngoc Nhan T. H. N. N. , ŞAHİN M.
TOKYO JOURNAL OF MATHEMATICS, vol.38, no.1, pp.273-282, 2015 (Journal Indexed in SCI)
- X. **On free resolutions of some semigroup rings**
BARUCCI V., Froberg R., Sahin M.
JOURNAL OF PURE AND APPLIED ALGEBRA, vol.218, no.6, pp.1107-1116, 2014 (Journal Indexed in SCI)
- XI. **Extensions of Toric Varieties**
Sahin M.
ELECTRONIC JOURNAL OF COMBINATORICS, vol.18, no.1, 2011 (Journal Indexed in SCI)
- XII. **Hilbert basis of the Lipman semigroup**
Sahin M.
COMPTEs RENDUS MATHEMATIQUE, vol.348, pp.1311-1314, 2010 (Journal Indexed in SCI)
- XIII. **GLUING AND HILBERT FUNCTIONS OF MONOMIAL CURVES**
Arslan F., Mete P., Sahin M.
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol.137, no.7, pp.2225-2232, 2009 (Journal Indexed in SCI)
- XIV. **On Symmetric Monomial curves in P-3**
Sahin M.
TURKISH JOURNAL OF MATHEMATICS, vol.33, no.2, pp.107-110, 2009 (Journal Indexed in SCI)
- XV. **PRODUCING SET-THEORETIC COMPLETE INTERSECTION MONOMIAL CURVES IN P-n**
Sahin M.
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol.137, no.4, pp.1223-1233, 2009 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

I. Evaluation Codes on Toric Varieties

ŞAHİN M.

International Conference on Mathematical Studies and Applications 2018, Karaman, Turkey, 4 - 06 October 2018

II. On Pseudo Symmetric Monomial Curves

ŞAHİN M.

International meeting on numerical semigroups with applications, Levico Terme, Italy, 4 - 08 July 2016

III. Indispensable free resolutions

ŞAHİN M.

ANTALYA ALGEBRA DAYS 17, 20 - 24 May 2015

Supported Projects

ŞAHİN M., TUBITAK Project, Simitli Çeşitlemler Torsal Varyeteler ve Uygulamaları, 2014 - Continues

Citations

Total Citations (WOS):60

h-index (WOS):5