

Assoc. Prof. MESUT ŞAHİN

Personal Information

Office Phone: [+90 312 780 7886](tel:+903127807886)

Office Phone: [+90 312 297 7850](tel:+903122977850) Extension: 139

Fax Phone: [+90 312 299 2017](tel:+903122992017)

Email: mesutsahin@hacettepe.edu.tr

Web: <https://aes.hacettepe.edu.tr/mesut.sahin>

Address: Hacettepe Üniversitesi Fen Fakültesi Matematik Bölümü 06800 Beytepe - Ankara, TÜRKİYE

Education Information

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

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

Under Graduate, Akdeniz Üniversitesi, Fen Fakültesi, Matematik, Turkey 1997 - 2000

Under Graduate, 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

Professional Experience

Head of Department, Çankırı Karatekin Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2013 - 2014

Advising Theses

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

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

- I. Gluing semigroups and strongly indispensable free resolutions

- ŞAHİN M., Stella L. G.
INTERNATIONAL JOURNAL OF ALGEBRA AND COMPUTATION, vol.29, pp.263-278, 2019 (Journal Indexed in SCI)
- II. **BETTI NUMBERS FOR CERTAIN COHEN-MACAULAY TANGENT CONES**
ŞAHİN M., Sahin N.
BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY, vol.99, pp.68-77, 2019 (Journal Indexed in SCI)
- III. **LIFTINGS OF A MONOMIAL CURVE**
ŞAHİN M.
BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY, vol.98, pp.230-238, 2018 (Journal Indexed in SCI)
- IV. **Toric codes and lattice ideals**
ŞAHİN M.
FINITE FIELDS AND THEIR APPLICATIONS, vol.52, pp.243-260, 2018 (Journal Indexed in SCI)
- V. **On pseudo symmetric monomial curves**
ŞAHİN M., Sahin N.
COMMUNICATIONS IN ALGEBRA, vol.46, pp.2561-2573, 2018 (Journal Indexed in SCI)
- VI. **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)
- VII. **Toric ideals of simple surface singularities**
Kaya G., Mete P., Sahin M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, pp.1057-1069, 2015 (Journal Indexed in SCI)
- VIII. **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, pp.273-282, 2015 (Journal Indexed in SCI)
- IX. **On free resolutions of some semigroup rings**
BARUCCI V., Froberg R., Sahin M.
JOURNAL OF PURE AND APPLIED ALGEBRA, vol.218, pp.1107-1116, 2014 (Journal Indexed in SCI)
- X. **Extensions of Toric Varieties**
Sahin M.
ELECTRONIC JOURNAL OF COMBINATORICS, vol.18, 2011 (Journal Indexed in SCI)
- XI. **Hilbert basis of the Lipman semigroup**
Sahin M.
COMPTES RENDUS MATHEMATIQUE, vol.348, pp.1311-1314, 2010 (Journal Indexed in SCI)
- XII. **On Symmetric Monomial curves in P-3**
Sahin M.
TURKISH JOURNAL OF MATHEMATICS, vol.33, pp.107-110, 2009 (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, pp.2225-2232, 2009 (Journal Indexed in SCI)
- XIV. **PRODUCING SET-THEORETIC COMPLETE INTERSECTION MONOMIAL CURVES IN P-n**
Sahin M.
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol.137, pp.1223-1233, 2009 (Journal Indexed in SCI)

Supported Projects

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

Citations

Total Citations (WOS):60

h-index (WOS):5