NESRİN TUTAŞ
PROF.

Email : ntutas@akdeniz.edu.tr

Office Phone : +90 242 310 2382

Address : Akdeniz Üniversitesi Fen Fakültesi B-Blok B2-08
Matematik Bölümü,07058 Antalya/Türkiye

International Researcher IDs

ORCID: 0000-0001-6426-9883

Publons / Web Of Science ResearcherID: C-2807-2016

Yoksis Researcher ID: 128282

Learning Knowledge

Post Doctorate 2004 - 2004	Universitaet Duisburg Essen, Matematik, Cebir, Germany
Doctorate 1996 - 2001	Akdeniz University, Faculty Of Science, Department of Mathematics, Turkey
Postgraduate 1994 - 1996	Akdeniz University, Faculty Of Science, Department of Mathematics, Turkey
Undergraduate 1990 - 1994	Akdeniz University, Faculty Of Science, Department of Mathematics, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bir değişkenli cebirsel fonksiyon cisminin yarıyerel althalkalarının Weierstrass noktaları ve otomorfizmleri, Akdeniz University, Faculty of Science, Department of Mathematics, 2001

Postgraduate, Polinomlar halkasının otomorfizmleri, Akdeniz University, Faculty of Science, Department of Mathematics, 1996

Academic Titles / Tasks

Professor 2022 - Continues	Akdeniz University, Faculty of Science, Department of Mathematics
Assistant Professor 2018 - 2022	Akdeniz University, Faculty of Science, Department of Mathematics

Assistant Professor
2009 - 2018

Akdeniz University, Faculty of Science, Department of Mathematics

Lecturer
2001 - 2009

Akdeniz University, Faculty of Science, Department of Mathematics

Research Assistant
1994 - 2001

Akdeniz University, Faculty of Science, Department of Mathematics

Supported Projects

1. TUTAŞ N., GÜMÜŞBAŞ N., ER N., Project Supported by Higher Education Institutions, Sayısal Semigruplar ve Tamsayı Parçalanışları Üzerine Araştırma, 2020 - 2022
2. TUTAŞ N., Project Supported by Higher Education Institutions, Euler-Seidel matrices over Fp, 2014 - 2016
3. Aker K., Tutaş N., Project Supported by Higher Education Institutions, Combinatorial Representation Theory, 2013 - 2014

Scholarships

Euclid Algorithm, TUBITAK, 2012 - 2012
Algebraic Numbers and L-functions, TUBITAK, 2010 - 2010
TUBITAK-DFG Doktora sonrası araştırma Bursu, Other International Organizations, 2004 - 2004

Published journal articles indexed by SCI, SSCI, and AHCI

1. **NONLINEAR COMPLEXITY AND WEIERSTRASS SEMIGROUP OF TWO RATIONAL POINTS ON A HERMITIAN CURVE**
   Özbudak F., Tutaş N.
   BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.61, no.5, pp.1161-1173, 2024 (SCI-Expanded)
2. **Nonlinear complexity from the Hermitian and the Suzuki function fields**
   Özbudak F., Tutaş N.
   APPLICABLE ALGEBRA IN ENGINEERING, COMMUNICATIONS AND COMPUTING, vol.34, pp.1-27, 2023 (SCI-Expanded)
3. **A decomposition of partitions and numerical sets**
   KARAKAŞ H. İ., TUTAŞ N.
   SEMIGROUP FORUM, vol.101, no.3, pp.704-715, 2020 (SCI-Expanded)
4. **A Decomposition of Arf Semigroups**
   GÜMÜŞBAŞ ÖZTÜRK N., TUTAŞ N.
   FILOMAT, vol.34, no.2, pp.491-498, 2020 (SCI-Expanded)
5. **Almost symmetric Arf partitions**
   GÜMÜŞBAŞ ÖZTÜRK N., TUTAŞ N., ER N.
   TURKISH JOURNAL OF MATHEMATICS, vol.44, no.6, pp.2185-2198, 2020 (SCI-Expanded)
6. **On Partitions and Arf Semigroups**
   TUTAŞ N.
   OPEN MATHEMATICS, vol.17, pp.343-355, 2019 (SCI-Expanded)
7. **Young tableaux and Arf partitions**

TUTAŞ N., Karakas H. I., Gumusbas N.

TURKISH JOURNAL OF MATHEMATICS, vol.43, no.1, pp.448-459, 2019 (SCI-Expanded)

8. **Extending self-orthogonal codes**

Bassa A., TUTAŞ N.

TURKISH JOURNAL OF MATHEMATICS, vol.43, no.5, pp.2177-2182, 2019 (SCI-Expanded)

9. **Rational Schubert polynomials**

Aker K., TUTAŞ N.

TURKISH JOURNAL OF MATHEMATICS, vol.39, no.3, pp.439-452, 2015 (SCI-Expanded)

10. **Euler-Seidel matrices over F-p**

Tutas N.

TURKISH JOURNAL OF MATHEMATICS, vol.38, no.1, pp.16-24, 2014 (SCI-Expanded)

11. **REMARKS ON THE GAP SET OF R = K plus C**

Tutas N.

BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.47, no.2, pp.433-442, 2010 (SCI-Expanded)

12. **A generalization of the Weierstrass semigroup**

Beelen P., Tutas N.

JOURNAL OF PURE AND APPLIED ALGEBRA, vol.207, no.2, pp.243-260, 2006 (SCI-Expanded)

Articles Published in Other Journals

1. **Generalized perfect numerical semigroups**

Zmmo M., Tutaş N.

NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.30, no.1, pp.150-162, 2024 (ESCI)

2. **RESULTS ON THE EULER-SEIDEL MATRIX**

TUTAŞ N.

JP JOURNAL OF ALGEBRA NUMBER THEORY AND APPLICATIONS, vol.38, no.5, pp.431-456, 2016 (ESCI)

3. **On Weierstrass Points of Semilocal Subrings**

Tutaş N.

JP Journal of Algebra, Number Theory and Applications, vol.13, no.2, pp.121-235, 2009 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

1. **Arf Parçalanışları Ve Bazı Özel Sınıfları**

Gümüşbaş Öztürk N., Tutaş N., Karakaş H. İ.

36. Ulusal Matematik Sempozyumu, Amasya, Turkey, 9 - 12 September 2024, pp.40

2. **ALMOST SYMMETRIC ARF C−SEMIGROUPS AND PARTITIONS**

Tutaş N., Gümüşbaş N., Karakaş H. İ.

International Meeting on Numerical Semigroups 2024, Jerez, Spain, 8 - 12 July 2024, pp.1

3. **Partitions and Arf semigroup**

Tutaş N.

DGKC-2019, Ankara, Turkey, 17 - 18 June 2019

4. **Addition Behaviour of an Arf Numerical Semigroup**

Tutaş N.

MICOPAM 2018, Antalya, Turkey, 26 - 29 September 2018, pp.45

5. **Young tableaux and Arf Semigroup**

Tutaş N.

XX.Antalya Algebra Days, İzmir, Turkey, 16 - 20 May 2018, pp.39

6. **Remarks on the Gap Set of R=K+C**

Tutaş N.

Workhop on sequences, Codes and Curves, Antalya, Turkey, 25 - 29 September 2009, pp.1

7. **A Generalization of Weierstrass semigroup**
   Beelen P., Tutaş N.
   Antalya Algebra Days VIII, Antalya, Turkey, 17 - 21 May 2006, pp.53

8. **Weierstrass Semigroup kavramının bir genellemesi**
   Tutaş N.
   XVIII. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 5 - 08 September 2005, pp.80

9. **On generalization of Weierstrass Semigroup**
   Tutaş N., Beelen P.
   International Conference of Jangjeon Mathematical Society, Antalya, Turkey, 4 - 06 July 2005, pp.58-59

10. **Rational and Weierstrass points of curves of finite fields**
    Tutaş N.
    Antalya,Algebra Days-II, Antalya, Turkey, 17 - 21 May 2000, pp.15

11. **Generalized Weierstrass points**
    Tutaş N.
    XII.Ulusal Matematik Sempozyumu, Malatya, Turkey, 6 - 10 September 1999, pp.50

12. **Weierstrass points of rational and elliptic function fields**
    Tutaş N.
    I. Türk dünyası Matematik Sempozyumu, Elazığ, Turkey, 29 June - 02 July 1999, pp.32

13. **Weierstrass points of semilocal subrings of algebraic function fields of one varible in the complete intersection case**
    Tutaş N.
    Antalya Algebra Days-I, Antalya, Turkey, 19 - 23 May 1999, pp.12

Other Publications

1. **Asal sayılar denizinde gezinti**
   TUTAŞ N.
   Other, pp.16-19, 1999

Academic and Administrative Experience

2017 - 2020	**Faculty Management Board Member**	Akdeniz University, Faculty of Science, Department of Mathematics
2005 - 2017	**Erasmus Program Institutional Coordinator**	Akdeniz University, Faculty of Science, Department of Mathematics

Courses

Danışmanlık, Doctorate, 2021 - 2022
Bitirme Çalışması II, Undergraduate, 2020 - 2021
Bitirme Çalışması I, Undergraduate, 2021 - 2022
Kodlama Teo. Giriş, Undergraduate, 2020 - 2021, 2017 - 2018, 2015 - 2016, 2014 - 2015
İleri Cebir-II, Postgraduate, 2020 - 2021
Cebir-I (Sube-I), Undergraduate, 2021 - 2022
Cebir-I (sube-2), Undergraduate, 2021 - 2022

Cisim Gen. ve Galois Teorisi, Undergraduate, 2021 - 2022

Danışmanlık, Postgraduate, 2021 - 2022

Kodlama Teo. Giriş, Undergraduate, 2019 - 2020

Cebirsel Eğriler II, Doctorate, 2019 - 2020

Cisim Genş. veGalois Teo ., Undergraduate, 2020 - 2021, 2019 - 2020

İleri Cebir-I, Postgraduate, 2020 - 2021

Homolojik Cebir II, Doctorate, 2019 - 2020

Cebir-I, Undergraduate, 2020 - 2021, 2019 - 2020

Seminer, Doctorate, 2019 - 2020

Cebirsel Eğriler-I, Doctorate, 2019 - 2020

Bitirme çalışması, Undergraduate, 2019 - 2020

Danışmanlık, Doctorate, 2018 - 2019

Sayısal Yarı gruplar, Postgraduate, 2019 - 2020

Cebirsel eğriler II, Doctorate, 2017 - 2018

Matematik I, Undergraduate, 2016 - 2017

Halka teo. Seçme Konular, Doctorate, 2016 - 2017

Cebirsel eğriler I, Doctorate, 2017 - 2018

Cebirde seçme konular, Doctorate, 2016 - 2017

Cebirsel Sayılar Teorisi, Doctorate, 2016 - 2017

Cebir-II, Postgraduate, 2014 - 2015, 2013 - 2014

Cebirsel fonksiyonlar II, Doctorate, 2014 - 2015

Sayılar Teorisi, Undergraduate, 2014 - 2015, 2006 - 2007

Cebirsel Fonksiyonlar I, Doctorate, 2014 - 2015

Cebirsel Fonksiyonlar-II, Doctorate, 2013 - 2014

Doğrusal Cebir-II, Undergraduate, 2013 - 2014

Cebirsel Fonksiyonlar-I, Doctorate, 2013 - 2014

Doğrusal Cebir-I, Undergraduate, 2013 - 2014

Lineer cebir ve vektör analiz, Undergraduate, 2012 - 2013

Cebirsel Eğriler Giriş-II, Postgraduate, 2010 - 2011

Cisim Genişlemeleri ve Galois Teorisi, Undergraduate, 2009 - 2010

Cebirsel Eğrilere Giriş-I, Postgraduate, 2010 - 2011

Matematik Tarihi, Undergraduate, 2010 - 2011

Matematik-I, Undergraduate, 2009 - 2010

Matematiğin Temelleri-I, Undergraduate, 2009 - 2010

Matematiğin Temelleri-II, Undergraduate, 2008 - 2009

Analiz-II, Undergraduate, 2006 - 2007

Analiz-I, Undergraduate, 2006 - 2007

Halka ve Modül Teorisi, Undergraduate, 2006 - 2007

Advising Theses

Tutaş N., Schubert Polinomları, Postgraduate, E.Çelikoğlu(Student), 2021

Tutaş N., Lie cebirleri ve Sınıfları, Postgraduate, M.Zmmo(Student), 2017

TUTAŞ N., Cebirsel fonksiyon cismi kulelerinde Weierstrass Semigrup, Postgraduate, N.Gümüşbaş(Student), 2016

Tutaş N., Arf semigrup ve cebirsel eğrilere uygulamaları, Postgraduate, D.Dede(Student), 2013

Scientific Consultations

TÜBİTAK, Project Consultancy, Akdeniz University, Faculty Of Science, Department of Mathematics, Turkey, 2019 - 2019

Tasks In Event Organizations

Tutaş N., Antalya Algebra Days XVI , Scientific Congress, Antalya, Turkey, Mayıs 2014

Tutaş N., Euclid Algorithm, Workshop Organization, İzmir, Turkey, Şubat 2012

Tutaş N., Demazure Characters, Workshop Organization, Antalya, Turkey, Şubat 2012

Tutaş N., Algebraic Functions and Codes, Workshop Organization, İstanbul, Turkey, Aralık 2010

Tutaş N., Algebraic Numbers and L-functions,, Workshop Organization, Antalya, Turkey, Eylül 2010

Metrics

Publication: 30

Citation (WoS): 46

Citation (Scopus): 40

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

International Meeting on Numerical Semigroups 2024, Invited Speaker, Jerez, Spain, 2024

MICOPAM 2018,, Session Moderator, Antalya, Turkey, 2018

Research Areas

Mathematics, Field Theory and Polynomials, Number Theory, Natural Sciences