

## Assoc. Prof. Sait TAŞ

### Personal Information

**Web:** <https://avesis.atauni.edu.tr/saittas>

**Address:** ATATÜRK ÜNİVERSİTESİ FEN FAKÜLTESİ MATEMATİK BÖLÜMÜ

### International Researcher IDs

ScholarID: gixMY6YAAAAJ

ORCID: 0000-0002-9815-8732

Yoksis Researcher ID: 37794

### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik/Cebir Ve Sayılar Teorisi, Turkey 2010 - 2016

Postgraduate, Ataturk University, Fenbilimleri, Matematik/ Cebir Ve Sayılar Teorisi, Turkey 2006 - 2010

Undergraduate, Ataturk University, Fen Fakültesi, Matematik, Turkey 2002 - 2006

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Sonlu gruplarda padovan dizileri, Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2016

Postgraduate, Maksimal devirli alt gruplara sahip sonlu p- grupların sınıflandırılması, Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2010

### Research Areas

Mathematics, Associative Rings and Algebras, Group Theory and Generalizations, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Ataturk University, Fen Fakültesi, Matematik, 2023 - Continues

Assistant Professor, Ataturk University, Fen Fakültesi, Matematik, 2016 - Continues

### Academic and Administrative Experience

Deputy Head of Department, Ataturk University, Fen Fakültesi, Matematik, 2018 - 2020

### Courses

LİNEER CEBİR, Undergraduate, 2023 - 2024, 2019 - 2020  
LİNEER CEBİR, Undergraduate, 2023 - 2024, 2019 - 2020  
Grup Algoritma Programı ve Uygulamaları, Undergraduate, 2023 - 2024, 2022 - 2023  
Sayılar Teorisi, Undergraduate, 2023 - 2024, 2022 - 2023  
Danışmanlık, Postgraduate, 2023 - 2024, 2021 - 2022  
GRUP TEMSİLLERİ VE KARAKTERLERİ I, Postgraduate, 2023 - 2024, 2022 - 2023  
GENERAL MATHEMATICS II, Undergraduate, 2023 - 2024  
UZAMANLIK ALAN DERSİ IV, Postgraduate, 2023 - 2024, 2019 - 2020  
CEBİRE GİRİŞ, Undergraduate, 2023 - 2024  
Genel Matematik I, Undergraduate, 2023 - 2024, 2022 - 2023  
GRUP TEMSİLLERİ VE KARAKTERLERİ II, Postgraduate, 2022 - 2023  
LİNEER CEBİR I, Undergraduate, 2023 - 2024  
Matematik Laboratuvarı I, Undergraduate, 2023 - 2024, 2022 - 2023  
Uzmanlık Alan Dersi III, Doctorate, 2023 - 2024  
Lineer Cebir, Undergraduate, 2022 - 2023  
ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2023 - 2024  
GRUP TEMSİLLERİ VE KARAKTERLERİ I, Postgraduate, 2023 - 2024, 2021 - 2022  
Şifrelemeye Giriş, Undergraduate, 2023 - 2024, 2022 - 2023  
Matematiğe Giriş, Undergraduate, 2022 - 2023  
Temel Matematik, Undergraduate, 2022 - 2023  
GAP ile Cebir ve Sayılar Teorisi, Undergraduate, 2021 - 2022  
Şifreleme ve Kodlama Teorisi, Undergraduate, 2021 - 2022  
Cisim Genişlemeleri, Undergraduate, 2022 - 2023  
Lineer Cebir, Undergraduate, 2021 - 2022  
Lineer Cebir, Undergraduate, 2021 - 2022  
Uzmanlık Alan Dersi I, Postgraduate, 2021 - 2022  
Cisim Genişlemeleri, Undergraduate, 2021 - 2022  
Sayılar Teorisi, Undergraduate, 2021 - 2022  
Elementer Sayı Kuramı, Undergraduate, 2021 - 2022  
Soyut Matematik I, Undergraduate, 2021 - 2022  
Lineer Cebir, Undergraduate, 2021 - 2022  
DANIŞMANLIK, Postgraduate, 2019 - 2020  
Soyut cebir ve Sayılar Teorisi II, Undergraduate, 2019 - 2020  
UZAMANLIK ALAN DERSİ I, Doctorate, 2020 - 2021  
CEBİR, Undergraduate, 2020 - 2021  
SOYUT CEBİR VE SAYILAR TEORİSİ I, Undergraduate, 2020 - 2021  
SOYUT CEBİR II, Undergraduate, 2019 - 2020  
SOYUT MATEMATİK II, Undergraduate, 2019 - 2020  
KRİPTOLOJİ I, Doctorate, 2020 - 2021  
SAYILAR TEORİSİ, Undergraduate, 2020 - 2021  
GRUP TEMSİLLERİ VE KARAKTERLERİ I, Postgraduate, 2020 - 2021  
SOYUT MATEMATİK I, Undergraduate, 2020 - 2021  
CEBİR VE SAYILAR TEORİSİ II, Undergraduate, 2018 - 2019  
GRUP TEMSİLLERİ VE KARAKTERLERİ II, Postgraduate, 2018 - 2019  
LİNEER CEBİR, Undergraduate, 2018 - 2019  
MATEMATİK I, Undergraduate, 2018 - 2019  
ELEMENTER SAYI KURAMI, Undergraduate, 2018 - 2019

## **Jury Memberships**

Doctorate, Doctorate, Kafkas Üniversitesi, December, 2022

Post Graduate, Post Graduate, Ağrı İbrahim Çeçen Üniversitesi, July, 2022

Post Graduate, Post Graduate, Ağrı İbrahim Çeçen Üniversitesi, July, 2021

Post Graduate, Post Graduate, Ağrı İbrahim Çeçen Üniversitesi, May, 2021

Post Graduate, Post Graduate, Ağrı İbrahim Çeçen Üniversitesi, August, 2019

Post Graduate, Post Graduate, Ağrı İbrahim Çeçen Üniversitesi, July, 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **THE HYPERBOLIC-TYPE  $k$ -FIBONACCI SEQUENCES AND THEIR APPLICATIONS**  
TAŞ S.  
THERMAL SCIENCE, vol.26, 2022 (SCI-Expanded)
- II. **A key agreement protocol based on group actions**  
Çağman A., Polat K., Taş S.  
NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.37, no.2, pp.1112-1119, 2021 (SCI-Expanded)
- III. **On the  $2k$ -step Jordan-Fibonacci sequence**  
Deveci O., TAŞ S., KILIÇMAN A.  
ADVANCES IN DIFFERENCE EQUATIONS, 2017 (SCI-Expanded)
- IV. **The Padovan Sequences in Finite Groups**  
Taş S., Karaduman E.  
Chiang Mai Journal Of Science, vol.41, pp.456-462, 2014 (SCI-Expanded)
- V. **The Fibonacci-Padovan sequences in finite groups**  
Taş S., Deveci Ö., Karaduman E.  
MAEJO INTERNATIONAL JOURNAL OF SCIENCE AND TECHNOLOGY, vol.8, no.3, pp.279-287, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **On Hyperbolic Padovan and Hyperbolic Pell-Padovan Sequences**  
Taş S.  
Eastern Anatolian Journal of Science , vol.8, no.1, pp.15-19, 2022 (Peer-Reviewed Journal)
- II. **On Hyperbolic Jacobsthal-Lucas Sequence**  
Taş S.  
Fundamental journal of mathematics and applications (Online), vol.1, no.5, pp.16-20, 2022 (Peer-Reviewed Journal)
- III. **The Hyperbolic Quadrapell Sequences**  
Taş S.  
Eastern Anatolian Journal of Science , no.Volume VII -Issue I, pp.25-29, 2021 (Peer-Reviewed Journal)
- IV.  **$k$ - Gaussian Fibonacci sayılarının yeni bir ailesi**  
TAŞ S.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2019 (Peer-Reviewed Journal)
- V. **The  $k$  step generalized Pell Padovan sequence in Finite Groups**  
TAŞ S., DEVECİ Ö., KARADUMAN E.  
New Trends in Mathematical Sciences, vol.4, no.2015, pp.43-49, 2015 (Peer-Reviewed Journal)
- VI.  **$k$  nacci Sequences in Minimal Non Abelian  $p$  Groups**  
DEVECİ Ö., KARADUMAN E., COLİN c., TAŞ S.  
Indian Journal of Mathematics, vol.52, pp.275-286, 2010 (Scopus)

## Books & Book Chapters

### I. Eğitim ve Felsefe

KINCAL R. Y., BAY E., ARIBAŞ S., ŞAHİN Ç., AKBABA S., KÖSE E., ÖZERBAŞ M. A., KARATAŞ M., YEŞİL R., TAŞ S., et al.  
in: Eğitim Bilimine Giriş, Kınca, Remzi Y., Editor, Grafiker Yayınevi, 2017

## Refereed Congress / Symposium Publications in Proceedings

### I. Hyperbolic Jacobsthal Polynomial

Taş S.

2nt INTERNATIONAL SYMPOSIUM ON CURRENT DEVELOPMENTS IN FUNDAMENTAL AND APPLIED MATHEMATICS SCIENCES (ISCDFAMS 2023), Ankara, Turkey, 14 - 17 November 2023, pp.15-16

### II. Hiperbolik Pell Polinomları ve Bazı Özellikleri

Taş S., Turan H.

6th International Conference on Life and Engineering Sciences, Antalya, Turkey, 2 - 05 November 2023, pp.11-12

### III. Some Sum Formulas for Hyperbolic Pell and Hperbolic Pell-Lucas Numbers

Taş S.

5th INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES ICMRS 2022, Antalya, Turkey, 27 - 30 October 2022, pp.49

### IV. On Some Equations of Hyperbolic Padovan Sequences

Taş S.

5. International Conference on Life and Engineering Sciences (ICOLES 2022), Antalya, Turkey, 19 - 22 May 2022, pp.110-116

### V. Generating Matrix and Sums of Hyperbolic Fibonacci Sequence

TAŞ S.

1st International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences (ISCDFAMS 2022), 23 May 2022

### VI. Generating Matrix and Sums of Fyperbolic Fibonacci Sequence

Taş S.

1st INTERNATIONAL SYMPOSIUM ON CURRENT DEVELOPMENTS IN FUNDAMENTAL AND APPLIED MATHEMATICS SCIENCES (ISCDFAMS 2022) , Erzurum, Turkey, 23 - 25 May 2022, pp.220-226

### VII. Hyperbolic Padovan Sequences

Taş S.

1st INTERNATIONAL CONGRESS OF NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 - 12 September 2021, pp.632-636

### VIII. HYPERBOLIC PADOVAN SEQUENCE

TAŞ S.

1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 September 2021

### IX. Hyperbolic Pell Sequence and Hyperbolic Pell Vectors

Taş S.

Mathematical Analysis, Differential Equation & Applications – MADEA 9 , Bishkek, Kyrgyzstan, 21 - 25 May 2021

### X. Hyperbolic Padovan and Hyperbolic Pell-Padovan Sequences

Taş S.

5th INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES, Van, Turkey, 8 - 10 May 2021

## Activities in Scientific Journals

Fujma, Editor, 2021 - Continues

## Scientific Refereeing

Konuralp Journal of Mathematics, Other Indexed Journal, March 2023

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, January 2023

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other journals, January 2023

Türk Doğa ve Fen Dergisi, National Scientific Refreed Journal, January 2023

Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, January 2023

Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other Journals, January 2023

Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, January 2023

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other Indexed Journal, February 2021

Turkish Journal of Science, Other Indexed Journal, February 2021

Karamanoğlu Mehmetbey Üniversitesi Mühendislik ve Doğa Bilimleri Dergisi, Other journals, January 2021

Universal Journal of Mathematics and Applications, Other journals, January 2021

## Tasks In Event Organizations

Akbulut K., TAŞ S., 5th International Conference on Mathematics and Related Sciences (ICMRS 2022), Scientific Congress, Antalya, Turkey, Ekim 2022

Aktay M., KUNDURACI T., AKBULUT K., TAŞ S., AKBULUT Y., 1st International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences, Scientific Congress, Erzurum, Turkey, Mayıs 2022

Kutlu Z., Atmaca U., Güney H., Ömeroğlu G., Taş S., Aslan A., 5. International Conference on Life and Engineering Sciences (ICOLES 2022), Scientific Congress, Antalya, Turkey, Şubat 2022

Kalecik S., Sarıtaş S., Kılıç D., Ünver Y., Nişancı B., Toraman E., Ömeroğlu M. A., Orak T., Taş S., Levet A., et al., 1st International Symposium On Recent Advances In Fundamental And Applied Sciences (Isfas-2021), Scientific Congress, Erzurum, Turkey, Eylül 2021

Kaya Y., Onganer Y., Taş S., Öznülüer Özer T., Saraç Y., Mavi A., Levet A., İncekara Ü., Şener Kılıç S. Ş., Nasıroğlu İ., In the 1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Scientific Congress, Erzurum, Turkey, Eylül 2021

Taş S., 5th International Conference on Computational Mathematics and Engineering Sciences, Scientific Congress, Van, Turkey, Mayıs 2021

## Metrics

Publication: 22

Citation (WoS): 71

Citation (Scopus): 71

H-Index (WoS): 5

H-Index (Scopus): 5