

## Doç. Dr. SAİT SAN

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Yoksis Araştırmacı ID: 102189

### Eğitim Bilgileri

Doktora, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik-Bilgisayar Bilimleri (Dr), Türkiye  
2011 - 2014

Yüksek Lisans, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Fen Bil.Enst.Md.Lüğü, Türkiye 2008 - 2011

Lisans, Eskişehir Osmangazi Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2004 - 2008

### Yaptığı Tezler

Doktora, Kısmi diferansiyel denklemlerin korunum kanunları ve indirgemeleri, Eskişehir Osmangazi Üniversitesi, FEN  
BİLİMLERİ ENSTİTÜSÜ, Matematik-Bilgisayar Bilimleri (Dr), 2014

### Araştırma Alanları

Diferansiyel denklemler, Kısmi diferansiyel eşitlikler

### Akademik Unvanlar / Görevler

Yrd. Doç. Dr., Eskişehir Osmangazi Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Ve Bilgisayar Bilimleri Bölümü, 2015 -  
Devam Ediyor

Araştırma Görevlisi, Eskişehir Osmangazi Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Ve Bilgisayar Bilimleri Bölümü,  
2008 - 2015

### Akademik İdari Deneyim

Bölüm Başkan Yardımcısı, Eskişehir Osmangazi Üniversitesi, 2021 - Devam Ediyor

### Verdiği Dersler

Matematik, Lisans, 2017 - 2018

Biyomatematik, Lisans, 2017 - 2018

Lie Gruplarının Diferansiyel Denklemler Uygulamaları 1, Yüksek Lisans, 2017 - 2018

Genel Matematik 1, Lisans, 2017 - 2018, 2016 - 2017

Kuadratik Geometriler 1, Lisans, 2016 - 2017  
Lie Gruplarının Diferensiyel Denklemlere Uygulamaları, Yüksek Lisans, 2016 - 2017  
Diferensiyel Denklemlerin Simetri Grupları ve Korunum Kanunları, Yüksek Lisans, 2016 - 2017  
İşletme Matematiği 2, Lisans, 2016 - 2017  
Kuadratik Geometriler 2, Lisans, 2016 - 2017  
Matematik 1, Lisans, 2016 - 2017

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Dynamical properties and novel wave solutions of the time-fractional extended (2+1)-dimensional Zakharov–Kuznetsov equation in plasma physics**  
SAN S., Sargin S.  
Optical and Quantum Electronics, cilt.55, sa.8, 2023 (SCI-Expanded)
- II. **Extended Jacobi elliptic function solutions for general boussinesq systems**  
SAN S., Altunay R.  
REVISTA MEXICANA DE FISICA, cilt.69, sa.2, 2023 (SCI-Expanded)
- III. **On the Lie symmetry analysis, analytic series solutions, and conservation laws of the time fractional Belousov–Zhabotinskii system**  
SAN S., YAŞAR E.  
Nonlinear Dynamics, cilt.109, sa.4, ss.2997-3008, 2022 (SCI-Expanded)
- IV. **Invariance properties, exact and explicit solutions of time-fractional Gear-Grimshaw model**  
San S., Koc B.  
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, cilt.19, sa.11, 2022 (SCI-Expanded)
- V. **Optical soliton solution analysis for the (2+1) dimensional Kundu–Mukherjee–Naskar model with local fractional derivatives**  
SAN S., Seadawy A. R., YAŞAR E.  
Optical and Quantum Electronics, cilt.54, sa.7, 2022 (SCI-Expanded)
- VI. **On analytic series solutions and conserved fluxes of the time fractional (2+1)-dimensional Burger's system via invariant approach**  
SAN S., Kumari P., Kumar S.  
Waves in Random and Complex Media, 2021 (SCI-Expanded)
- VII. **ON THE EXACT SOLUTIONS AND CONSERVATION LAWS TO THE BENJAMIN-ONO EQUATION**  
Kaplan M., SAN S., Bekir A.  
JOURNAL OF APPLIED ANALYSIS AND COMPUTATION, cilt.8, sa.1, ss.1-9, 2018 (SCI-Expanded)
- VIII. **Conservation laws and double reduction of (2+1) dimensional Calogero-Bogoyavlenskii-Schiff equation**  
SAN S., Akbulut A., ÜNSAL Ö., TAŞCAN F.  
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.40, sa.5, ss.1703-1710, 2017 (SCI-Expanded)
- IX. **On the Conservation Laws of Modified KdV-KP Equation**  
YAŞAR E., SAN S.  
FILOMAT, cilt.31, sa.6, ss.1483-1490, 2017 (SCI-Expanded)
- X. **Invariant analysis of nonlinear time fractional Qiao equation**  
SAN S.  
NONLINEAR DYNAMICS, cilt.85, sa.4, ss.2127-2132, 2016 (SCI-Expanded)
- XI. **A Procedure to Construct Conservation Laws of Nonlinear Evolution Equations**  
YAŞAR E., SAN S.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.71, sa.5, ss.475-480, 2016 (SCI-Expanded)
- XII. **Nonlinear self adjointness, conservation laws and exact solutions of ill-posed Boussinesq equation**  
YAŞAR E., SAN S., SAĞLAM ÖZKAN Y.

OPEN PHYSICS, cilt.14, sa.1, ss.37-43, 2016 (SCI-Expanded)

- XIII. **Conservation Laws and Soliton Solutions of the (1+1)-Dimensional Modified Improved Boussinesq Equation**  
GÜNER Ö., SAN S., Bekir A., YAŞAR E.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.70, sa.8, ss.669-672, 2015 (SCI-Expanded)
- XIV. **On the conservation laws of Derrida-Lebowitz-Speer-Spohn equation**  
SAN S., YAŞAR E.  
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, cilt.22, ss.1297-1304, 2015 (SCI-Expanded)
- XV. **Construction of periodic and solitary wave solutions for the complex nonlinear evolution equations**  
ÇEVİKEL A. C., Bekir A., SAN S., GÜCEN M. B.  
JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, cilt.351, sa.2, ss.694-700, 2014 (SCI-Expanded)
- XVI. **On the Conservation Laws and Exact Solutions of a Modified Hunter-Saxton Equation**  
SAN S., YAŞAR E.  
ADVANCES IN MATHEMATICAL PHYSICS, cilt.2014, 2014 (SCI-Expanded)
- XVII. **Bright and Dark Soliton Solutions of the (2+1)-Dimensional Evolution Equations**  
Bekir A., ÇEVİKEL A. C., Guner O., SAN S.  
MATHEMATICAL MODELLING AND ANALYSIS, cilt.19, sa.1, ss.118-126, 2014 (SCI-Expanded)
- XVIII. **A procedure to construct exact solutions of nonlinear evolution equations**  
ÇEVİKEL A. C., Bekir A., AKAR M., SAN S.  
PRAMANA-JOURNAL OF PHYSICS, cilt.79, sa.3, ss.337-344, 2012 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **PAINLEVÉ- BÄCKLUND DENKLEMİNİN RASYONEL ( $G'/G$ ) AÇILIM METODU İLE SOLITON ÇÖZÜMLERİ**  
san s., Kaymak K.  
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, cilt.23, sa.45, ss.1-13, 2024 (Hakemli Dergi)
- II. **Abundant traveling wave solutions of 3+1 dimensional Boussinesq equation with dual dispersion**  
SAN S., Altunay R.  
Revista Mexicana de Fisica E, cilt.19, sa.2, 2022 (Scopus)
- III. **Application of the Generalized Kudryashov Method to Various Physical Models**  
SAN S., Altunay R.  
Applied Mathematics& Information Sciences Letters, 2021 (Hakemli Dergi)
- IV. **NONLINEAR SELF ADJOINTNESS AND EXACT SOLUTION OF FOKAS-OLVER-ROSENAU-QIAO (FORQ) EQUATION**  
TAŞCAN F., ÜNSAL Ö., Akbulut A., SAN S.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, cilt.67, sa.2, ss.317-326, 2018 (ESCI)
- V. **Lie Symmetry Analysis and Conservation Laws of Non Linear Time Fractional WKI Equation**  
SAN S.  
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, cilt.13, sa.1, ss.55-61, 2017 (Hakemli Dergi)
- VI. **Periodic hyperbolic and rational function solutions of nonlinear wave equations**  
BEKİR A., SAN S.  
Applied Mathematics Information Sciences, 2013 (Hakemli Dergi)
- VII. **The Functional Variable Method to Some Complex Nonlinear Evolution Equations**  
BEKİR A., SAN S.  
Journal of Modern Mathematics Frontier, 2012 (Hakemli Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **EXACT SOLUTIONS AND CONSERVATION LAWS OF THE CH-KP EQUATION**  
SAN S.  
International Conference of Applied Sciences, Engineering and Mathematics, 5 - 07 Mayıs 2017
- II. **Group analysis and conservation laws of non linear timefractional dispersive equation**  
SAN S.  
International conference on quantum science and applications, 25 - 27 Mayıs 2016
- III. **A procedure to construct conservation laws of nonlinearevolution equations**  
SAN S., YAŞAR E.  
International conference on quantum science and applications, 25 - 27 Mayıs 2016
- IV. **Nonlinear self adjointness conservation laws and exact solutions for ill posed Boussinesq equation**  
SAĞLAM ÖZKAN Y., SAN S., YAŞAR E.  
icaamm 2015, 8 - 12 Haziran 2015
- V. **Lie Symmetry Analysis and Conservation Laws of Zoomeron equation**  
SAN S., YAŞAR E.  
iecmsa 2013, 26 - 29 Ağustos 2013
- VI. **An Algebraic Procedure to Construct Exact Solutions of Nonlinear Evolution Equations**  
ÇEVİKEL A. C., BEKİR A., SAN S., AKAR M.  
SIAM Conference on Analysis of Partial Differential Equations 2011, 14 - 17 Kasım 2011

## Metrikler

Yayın: 31

Atıf (WoS): 80

Atıf (Scopus): 75

H-İndeks (WoS): 4

H-İndeks (Scopus): 5