

## Lect. SEÇİL DEMİRAY

### Personal Information

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### International Researcher IDs

ScholarID: [tT-ipccAAAAJ](https://orcid.org/0000-0002-3221-3276)

ORCID: 0000-0002-3221-3276

Publons / Web Of Science ResearcherID: GDD-7606-2022

ScopusID: 56941748400

Yoksis Researcher ID: 53807

### Education Information

Doctorate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Matematik Ve Bilgisayar Bilimleri Bölümü, Turkey  
2011 - 2016

Undergraduate, Selcuk University, Faculty Of Science, Department Of Mathematics, Turkey 2005 - 2009

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Kısmi diferensiyel denklemlerin Riemann Theta fonksiyonları ile periyodik çözümleri, Eskisehir Osmangazi University, Matematik Ve Bilgisayar Bilimleri Bölümü, 2016

### Research Areas

Differential Equations, Partial Differential Equations

### Academic Titles / Tasks

Lecturer, Bilecik Seyh Edebali University, Bozüyük Vocational School, Muhasebe Ve Vergi, 2014 - Continues

### Academic and Administrative Experience

Bilecik Seyh Edebali University, 2017 - 2017

### Courses

## Undergraduate

Matematik 1, Undergraduate, 2023 - 2024

Matematik 1, Undergraduate, 2023 - 2024

Ticari Matematik, Undergraduate, 2023 - 2024

Matematik 1 (MTM101), Undergraduate, 2015 - 2016, 2014 - 2015

Matematik 2(MTM102), Undergraduate, 2015 - 2016, 2014 - 2015

İstatistik 1(MUD203), Undergraduate, 2015 - 2016

İstatistik 2(MUD204), Undergraduate, 2015 - 2016

## Associate Degree

Matematik 1, Associate Degree, 2023 - 2024

Genel Matematik, Associate Degree, 2023 - 2024

Ticari Matematik, Associate Degree, 2023 - 2024

Matematik 1(MAT121), Associate Degree, 2015 - 2016, 2014 - 2015

İstatistik(İST110), Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014

Matematik 2(MAT122), Associate Degree, 2014 - 2015, 2013 - 2014

İşletme Matematiği(DIS104), Associate Degree, 2014 - 2015

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

- I. **Quasi-periodic solutions of (3+1) generalized BKP equation by using Riemann theta functions**  
DEMİRAY S., TAŞCAN F.  
Applied Mathematics and Computation, vol.273, pp.131-141, 2016 (SCI-Expanded)
- II. **New exact solutions for boussinesq type equations by using (G<sub>0</sub>=G; 1=G) and (1=G<sub>0</sub>)-expansion methods**  
Demiray S., ÜNSAL Ö., Bekir A.  
Acta Physica Polonica A, vol.125, no.5, pp.1093-1098, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Views of Women on The Menstrual Cups in Turkey**  
ARGAN M. T., Demiray S., MERSİN S.  
Sağlık ve Toplum, vol.33, no.1, pp.84-93, 2023 (Peer-Reviewed Journal)
- II. **Exact solutions of nonlinear wave equations using (G'/G, 1/G) expansion method**  
DEMİRAY S., ÜNSAL Ö., BEKİR A.  
JOURNAL OF THE EGYPTIAN MATHEMATICAL SOCIETY, vol.1, no.23, pp.78-84, 2015 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Kadın Sağlığı, Sanitasyon Ve Sürdürülebilirlik Bağlamında Menstrual Kapkullanımına Yönelik Netnografik Bir Çalışma**  
TOKAY ARGAN M., DEMİRAY S., MERSİN S.  
4 T H INTERNATIONAL CONGRESS ON WOMAN AND CHILD HEALTH AND EDUCATION, Ankara, Turkey, 12 - 13 December 2019
- II. **Obtaining Three-Periodic Wave Solutions of (31) Dimensional BKP Equation Using Hirota-Riemann Method**  
DEMİRAY S., TAŞCAN GÜNEY F.  
ICMME-2017, Şanlıurfa, Turkey, 11 - 13 May 2017
- III. **THE PERCEPTIONS OF THE ACADEMICS ABOUT PRISONERS WHO STUDY FORMAL EDUCATION CASE**

## **STUDY BOZUYUK VOCATIONAL SCHOOL**

DEMİRAY S.

14. International Teacher Education for Sustainable Development, Culture and Education, Turkey, 12 - 14 May 2016

### **IV. Quasi Periodic Wave Solutions Of 2 1 Dimensional Breaking Wave Solutions Using With Riemann Theta Functions**

DEMİRAY S., TAŞCAN GÜNEY F.

IECMSA-2016, 16 - 19 August 2016

### **V. Riemann Theta Fonksiyonları ile 3 1 BKP Denkleminin Quasi periyodik çözümleri**

DEMİRAY S., TAŞCAN GÜNEY F.

14. Matematik Sempozyumu, Turkey, 14 May 2015 - 16 May 2016

### **VI. Kısmi Diferensiyel Denklemlerin Riemann Theta Fonksiyonları İle Periyodik Çözümleri**

DEMİRAY S., TAŞCAN GÜNEY F.

Matder 13. Matematik Sempozyumu, Turkey, 15 - 17 May 2014

## **Supported Projects**

TOKAY ARGAN M., DEMİRAY S., MERSİN S., Project Supported by Higher Education Institutions, Sosyal Pazarlama (Kadın Sağlığı, Sanitasyon ve Sürdürülebilirlik) Bağlamında Menstrual Kap Kullanımına Yönelik Netnografik Bir Çalışma, 2016 - 2017

DEMİRAY S., MERSİN S., TOKAY ARGAN M., Project Supported by Higher Education Institutions, Sosyal Pazarlama Kadın Sağlığı Sanitasyon ve Sürdürülebilirlik Bağlamında Menstrual Kap Kullanımına Yönelik Netnografik Bir Çalışma, 2016 - 2017

DEMİRAY S., Project Supported by Higher Education Institutions, Kısmi Diferensiyel Denklemlerin Riemann Theta Fonksiyonları İle Periyodik Çözümleri, 2014 - 2016

## **Scholarships**

2211- Yurt İçi Lisansüstü Burs Programı, TUBITAK, 2011 - 2016