

## Assoc. Prof. SEMRA ÖZTÜRK

### Personal Information

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### International Researcher IDs

ScholarID: zkLU3GgAAAAJ

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Publons / Web Of Science ResearcherID: W-1689-2018

ScopusID: 36807508300

Yoksis Researcher ID: 164162

### Education Information

Doctorate, University of Wisconsin - Madison, Letters and Science, Mathematics, United States Of America 1987 - 1995

Postgraduate, University of Wisconsin - Madison, Letters and Science, Mathematics, United States Of America 1987 - 1993

Postgraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, Turkey 1985 - 1987

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, Turkey 1981 - 1985

### Foreign Languages

French, A1 Beginner

English, C1 Advanced

### Dissertations

Doctorate, Local to Global invariants for  $G$ -modules and  $G$ -spaces, University of Wisconsin-Madison, 1995

Postgraduate, Existence of normal complements in finite groups, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 1987

### Research Areas

Natural Sciences

### Courses

CALCULUS II, Undergraduate, 2019 - 2020

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

- I. **ON M-TH ROOTS OF NILPOTENT MATRICES**  
ÖZTÜRK S.  
ELECTRONIC JOURNAL OF LINEAR ALGEBRA, vol.37, pp.718-733, 2021 (SCI-Expanded)
- II. **Restricted Modules and Conjectures on Modules of Constant Jordan Type**  
ÖZTÜRK S.  
Algebras And Representation Theory, vol.17, pp.1437-1455, 2014 (SCI-Expanded)
- III. **Jordan type of a  $k[C(p) \times C(p)]$ -module**  
ÖZTÜRK S.  
NEW YORK JOURNAL OF MATHEMATICS, pp.307-313, 2011 (SCI-Expanded)
- IV. **p-POWER POINTS AND MODULES OF CONSTANT p-POWER JORDAN TYPE**  
ÖZTÜRK S.  
COMMUNICATIONS IN ALGEBRA, vol.39, no.10, pp.3781-3800, 2011 (SCI-Expanded)
- V. **Commuting Nilpotent Operators and Maximal Rank**  
ÖZTÜRK S.  
COMPLEX ANALYSIS AND OPERATOR THEORY, vol.4, no.4, pp.901-904, 2010 (SCI-Expanded)
- VI. **Structure and Detection Theorems for  $k[C2 \times C4]$ -modules**  
ÖZTÜRK S.  
Rendiconti Del Seminario Matematico Della Universita Di Padova, vol.123, pp.169-189, 2010 (SCI-Expanded)
- VII. **Betti numbers of fixed point sets and multiplicities of indecomposable summands**  
ÖZTÜRK S.  
JOURNAL OF THE AUSTRALIAN MATHEMATICAL SOCIETY, vol.74, pp.165-171, 2003 (SCI-Expanded)
- VIII. **A note on a theorem of Dwyer and Wilkerson**  
ÖZTÜRK S.  
ARCHIV DER MATHEMATIK, vol.76, no.1, pp.25-29, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **JORDAN TYPES OF COMMUTING NILPOTENT MATRICES**  
ÖZTÜRK S.  
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.33, no.4, pp.1097-1102, 2018 (ESCI)
- II. **Equivalent Conditions for the Existence of Normal Complements**  
ÖZTÜRK S.  
International Journal of mathematics, Game Theory and Algebra, vol.10, pp.147-152, 2000 (Peer-Reviewed Journal)

## Tasks In Event Organizations

Bozkaya C., Bhupal M. L., Öztürk S., Cahit Arf Lectures 2022, Workshop Organization, Turkey, Ekim 2022  
 Bozkaya C., Bhupal M. L., Öztürk S., Cahit Arf Lecture 2019, Workshop Organization, Ankara, Turkey, Eylül 2019  
 Bhupal M. L., Öztürk S., Bozkaya C., Cahit Arf Lectures 2018, Workshop Organization, Ankara, Turkey, Kasım 2018

## Metrics

Publication: 10  
 Citation (WoS): 4  
 Citation (Scopus): 7  
 H-Index (WoS): 1  
 H-Index (Scopus): 2

## **Congress and Symposium Activities**

Second Biennial International Group Theory Conference, Moderator, İstanbul, Turkey, 2013

Cohomology and Support in Representation Theory and Related Topics, Attendee, Washington, United States Of America, 2012

## **Invited Talks**

A Glimpse of Representation Theory, Conference, TKMD Kadın ve Bilim IV, Atılım Üniversitesi, Turkey, November 2016

## **Scholarships**

Milli Eğitim Bakanlığı Yurtdışı Doktora Bursu (KULLANILMADI), Ministry of Education, 1987 - Continues

NATO-B2 Doktora sonrası araştırma bursu ABD - Virginia Üniversitesinde kullanıldı, TÜBİTAK, 2004 - 2005

YURTDIŞI (ABD) DOKTORA BURSU UW-Madison da kullanıldı, TÜBİTAK, 1987 - 1991