

## Assoc. Prof. EBRU SOLAK

### Personal Information

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### Education Information

Doctorate, Bayerische Julius-Maximilians-Universitaet Würzburg, Germany 2004 - 2007

Post Graduate, Georg-August-Universitaet Göttingen, Germany 2000 - 2002

Under Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, Turkey  
1995 - 2000

### Dissertations

Doctorate, Almost Completely Decomposable Groups of Type (1,2), Bayerische Julius-Maximilians-Universitaet  
Würzburg, 2007

Post Graduate, Wedderburn's Structure Theorem, Georg-August-Universitaet Göttingen, 2002

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2018 -  
Continues

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2009 -  
2018

Assistant Professor, Bahçeşehir Üniversitesi, Fen-Edebiyat Fakültesi, Matematik-Bilgisayar Bölümü, 2008 - 2009

### Advising Theses

KUZUCUOĞLU M., SOLAK E., Monomial groups, Post Graduate, Ö. ALMAŞ(Student), 2017

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **REPRESENTATIONS OF FINITE POSETS OVER THE RING OF INTEGERS MODULO A PRIME POWER**  
Arnold D., Mader A., Mutzbauer O., SOLAK E.  
JOURNAL OF COMMUTATIVE ALGEBRA, vol.8, pp.461-491, 2016 (Journal Indexed in SCI)
- **Classification of a class of torsion-free abelian groups**  
SOLAK E.  
RENDICONTI DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, vol.135, pp.111-131, 2016 (Journal

- Indexed in SCI)
- **THE CLASS OF (2,2)-GROUPS WITH HOMOCYCLIC REGULATOR QUOTIENT OF EXPONENT  $p(3)$  HAS BOUNDED REPRESENTATION TYPE**  
Arnold D. M. , Mader A., Mutzbauer O., SOLAK E.  
JOURNAL OF THE AUSTRALIAN MATHEMATICAL SOCIETY, vol.99, pp.12-29, 2015 (Journal Indexed in SCI)
- **(1,4)-GROUPS WITH HOMOCYCLIC REGULATOR QUOTIENT OF EXPONENT  $p(3)$**   
Arnold D. M. , Mader A., Mutzbauer O., SOLAK E.  
COLLOQUIUM MATHEMATICUM, vol.138, pp.131-144, 2015 (Journal Indexed in SCI)
- **REPRESENTATIONS OF POSETS AND INDECOMPOSABLE TORSION-FREE ABELIAN GROUPS**  
Arnold D., Mader A., Mutzbauer O., SOLAK E.  
COMMUNICATIONS IN ALGEBRA, vol.42, pp.1287-1311, 2014 (Journal Indexed in SCI)
- **The class of (1,3)-groups with homocyclic regulator quotient of exponent  $p(4)$  has bounded representation type**  
Arnold D. M. , Mader A., Mutzbauer O., SOLAK E.  
JOURNAL OF ALGEBRA, vol.400, pp.43-55, 2014 (Journal Indexed in SCI)
- **Indecomposable (1,3)-Groups and a matrix problem**  
Arnold D. M. , Mader A., Mutzbauer O., SOLAK E.  
CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.63, pp.307-355, 2013 (Journal Indexed in SCI)
- **Almost completely decomposable groups and unbounded representation type**  
Arnold D. M. , Mader A., Mutzbauer O., SOLAK E.  
JOURNAL OF ALGEBRA, vol.349, pp.50-62, 2012 (Journal Indexed in SCI)

### Articles Published in Other Journals

- **The Class of (1,3) -Groups with a homocyclic regulator quotient of exponent  $p_5$  is of finite representation type**  
Arnold D., Mader A., Mutzbauer O., SOLAK E.  
Bulletin of the Hellenic Mathematical Society, vol.61, pp.55-72, 2017 (Refereed Journals of Other Institutions)

### Books & Book Chapters

- **The Class of (2, 3)-Groups with Homocyclic Regulator Quotient of Exponent  $p_2$**   
SOLAK E.  
in: Groups, Modules, and Model Theory - Surveys and Recent Developments, , Editor, Springer, pp.435-447, 2017
- **A Remark-Krull-Schmidt Class of Torsion-Free Abelian Groups**  
Arnold D., Mader A., Mutzbauer O., SOLAK E.  
in: Groups, Modules, and Model Theory - Surveys and Recent Developments, , Editor, Springer, pp.41-68, 2017
- **Wedderburn's Structure Theorem**  
SOLAK E.  
in: Miscellaneous Topics of Group Theory Mashhad Naples 2005 2008, Erfanian Ahmad , Russo Francesco, Editor, Aracne Editrice, pp.81-115, 2008

### Refereed Congress / Symposium Publications in Proceedings

- **Classification of special classes of almostcompletely decomposable groups of nite rank**  
SOLAK E.  
New Pathways between Group Theory and Model Theory, 1 - 04 February 2016
- **Tipi (1,3) olan hemen hemen ayrışan Gruplar**

SOLAK E.

28.Ulusal Matematik Sempozyumu, Turkey, 7 - 09 September 2015

● **Tipi (1,3) olan hemen hemen ayrışan gruplar**

SOLAK E.

10.Ankara Matematik Günleri, Turkey, 11 - 12 June 2015

● **Decomposability of a Class of Almost completely decomposable Groups**

SOLAK E.

3.Cemal Koç Cebir Seminer Günleri, Turkey, 04 April 2015

● **1 2 groups for a regulator quotient of exponent p 4**

Solak E., Mutzbauer O.

Groups and model theory in honor of Rüdiger Göbel's 70th birthday, Mülheim, Germany, 30 May - 03 June 2011, vol.576, pp.269-285

● **Indecomposable (1,3)-Groups**

SOLAK E.

Groups and Model Theory, 30 May - 03 June 2011

● **Decomposability of (1,2)-Groups**

SOLAK E.

12..Antalya Cebir Günleri, 19 - 22 May 2009

● **(1,2)-Groups**

SOLAK E.

Gruppen und Topologische Gruppen, 30 November - 01 December 2007

## Supported Projects

SOLAK E., Project Supported by Higher Education Institutions, Bazı Torsiyonsuz Değişmeli Grupların Ayrışımı, 2017 - 2017

SOLAK E., Project Supported by Higher Education Institutions, (2,2)-Groups, 2013 - 2015

SOLAK E., Project Supported by Higher Education Institutions, Bölüm Regülatörünün Kuvveti P4 Olan (1,2) Gruplar,, 2011 - 2011

## Citations

Total Citations (WOS):23

h-index (WOS):3