

## Assoc. Prof. NAZAR ŞAHİN ÖĞÜŞLÜ

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### International Researcher IDs

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### Education Information

Doctorate, Cukurova University, Fen Bilimleri, Matematik, Turkey 2005 - 2011

Postgraduate, Cukurova University, Fen Bilimleri, Matematik, Turkey 2002 - 2005

Undergraduate, Cukurova University, Fen Edebiyat, Matematik, Turkey 1998 - 2002

### Dissertations

Doctorate, F/R Formundaki Serbest Lie Cebirlerinin Test Rankı, Cukurova University, Fen Edebiyat Fak., Matematik/Cebir Ve Sayılar Teorisi, 2011

Postgraduate, Serbest Lie Cebirlerinin Primitif Elemanları, Cukurova University, Fen Edebiyat Fak., Matematik/Cebir Ve Sayılar Teorisi, 2005

### Research Areas

Mathematics, Nonassociative Rings and Algebras, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2018 - Continues

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2011 - 2018

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2005 - 2011

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

- I. **Symmetric Polynomials in the Free Metabelian Lie Algebras**  
Drensky V., FINDIK Ş., ÖĞÜŞLÜ N. Ş.  
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.17, no.5, 2020 (SCI-Expanded)
- II. **Palindromes in the free metabelian Lie algebras**  
FINDIK Ş., ÖĞÜŞLÜ N. Ş.  
INTERNATIONAL JOURNAL OF ALGEBRA AND COMPUTATION, vol.29, no.5, pp.885-891, 2019 (SCI-Expanded)
- III. **The test rank of a solvable product of free abelian Lie algebras**  
ÖĞÜŞLÜ N. Ş., EKİCİ N.

- JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.18, no.2, 2019 (SCI-Expanded)
- IV. **k-Primitivity and images of primitive elements**  
 ÖĞÜŞLÜ N. Ş., EKİCİ N.  
 JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.15, no.7, 2016 (SCI-Expanded)
- V. **TEST RANK OF THE LIE ALGEBRA  $F/[R', F]$**   
 Oguslu N. Ş.  
 JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.13, no.4, 2014 (SCI-Expanded)
- VI. **Test rank of an abelian product of a free Lie algebra and a free abelian Lie algebra**  
 EKİCİ N., ÖĞÜŞLÜ N. Ş.  
 PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.121, no.3, pp.291-300, 2011 (SCI-Expanded)

### Articles Published in Other Journals

- I. **IA-Automorphisms of a Solvable Product of Abelian Lie Algebras**  
 ÖĞÜŞLÜ N. Ş.  
 International Journal of Scientific and Research Publications, vol.8, pp.84-85, 2018 (Peer-Reviewed Journal)
- II. **TEST RANK OF THE LIE ALGEBRA  $F/R'$**   
 ÖĞÜŞLÜ N. Ş.  
 International Journal of Pure and Applied Mathematics, vol.71, pp.329-334, 2011 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Çözülebilir Çarpımın Normal Otomorfizmleri**  
 ÖĞÜŞLÜ N. Ş.  
 32. ULUSAL MATEMATİK SEMPOZYUMU, Samsun, Turkey, 31 August - 03 September 2019, pp.59
- II. **A NOTE ON AUTOMORPHISMS OF FREE METABELIAN LIE ALGEBRAS**  
 ÖĞÜŞLÜ N. Ş.  
 6th Int. IFS and Contemporary Mathematics Conference, Mersin, Turkey, 7 - 10 June 2019, pp.38
- III. **P-PRESERVING AUTOMORPHISMS OF FREE LIE ALGEBRAS**  
 ÖĞÜŞLÜ N. Ş.  
 International Conference on Mathematical Studies and Applications, Karaman, Turkey, 4 - 06 October 2018, pp.140
- IV. **Serbest Abelyen Lie Cebirlerinin Metabelyen Çarpımının Normal Otomorfizmleri**  
 ÖĞÜŞLÜ N. Ş.  
 31.Ulusal Matematik Sempozyumu, Erzurum, Turkey, 12 - 15 September 2018, pp.37
- V. **Embeddings of solvable products of matrix algebras and generalized Fox derivatives**  
 ÖĞÜŞLÜ N. Ş., EKİCİ N.  
 4th International Eurasian Conference on Mathematical Sciences and Applications, Atina, Greece, 31 August - 03 September 2015
- VI. **Embeddings of Solvable Products Into Matrix Algebras and Generalized Fox Derivatives**  
 ÖĞÜŞLÜ N. Ş., EKİCİ N.  
 4th International Eurasian Conference on Mathematical Sciences and Applications, ATİNA, Greece, 31 August - 03 September 2015
- VII. **The Test Rank of A Soluble Product of Free Abelian Lie Algebras**  
 ÖĞÜŞLÜ N. Ş., EKİCİ N.  
 Antalya Algebra Days XVI, Antalya, Turkey, 9 - 13 May 2014, pp.28
- VIII. **k-Primitivity and Images of Primitive Elements**  
 ÖĞÜŞLÜ N. Ş., EKİCİ N.  
 2nd International Eurasian Conf. on Math. Sci. and App., Sarajevo, Bosnia And Herzegovina, 26 - 29 August 2013,

pp.39

**IX. Test Rank of the Lie Algebra  $F/[R',F]$**

ÖĞÜŞLÜ N. Ş., EKİCİ N.

1st International Eurasian Conference on Math. Sci. and Applications, Prishtine, Kosova, 3 - 07 September 2012, pp.25-26

**X. Serbest Nilpotent Lie Cebirlerinin Test Rankı**

ÖĞÜŞLÜ N. Ş., EKİCİ N.

XXIV. Ulusal Matematik Sempozyumu, Bursa, Turkey, 7 - 11 September 2011, pp.104

**XI. Rankı 2 olan Serbest Lie Cebirlerinin Otomorfizm Grubu ve Palindromik Kelimeler**

ÖĞÜŞLÜ N. Ş., FINDIK Ş., Parlak Sönmez D.

XVIII. Ulusal Matematik Sempozyumu, İstanbul Kültür Üniversitesi, İstanbul, Turkey, 5 - 08 September 2005, pp.123-128

## Other Publications

**I. Serbest Lie Cebirlerinin Primitif Elemanları**

ÖĞÜŞLÜ N. Ş.

Other, pp.18-28, 2005

## Supported Projects

ÖĞÜŞLÜ N. Ş., EKİCİ N., Project Supported by Higher Education Institutions, Embeddings of Solvable Products Into Matrix Algebras and Generalized Fox Derivatives, 2015 - 2015

## Metrics

Publication: 20

Citation (WoS): 4

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 2

## Congress and Symposium Activities

International Conference on Mathematical Studies and Applications, Attendee, Karaman, Turkey, 2018

31.Ulusal Matematik Sempozyumu, Attendee, Erzincan, Turkey, 2018

4th International Eurasian Conference on Mathematical Sciences and Applications, Attendee, Atina, Greece, 2015

Antalya Algebra Days XVI, Attendee, Antalya, Turkey, 2014

2nd International Eurasian Conf. on Math. Sci. and App., Attendee, Sarajevo, Bosnia And Herzegovina, 2013

1st International Eurasian Conference on Math. Sci. and Applications, Attendee, Prishtine, Kosova, 2012

XXIV. Ulusal Matematik Sempozyumu, Attendee, Bursa, Turkey, 2011

XXI. ULUSAL MATEMATİK SEMPOZYUMU, Attendee, İstanbul, Turkey, 2008

XVIII. Ulusal Matematik Sempozyumu, Attendee, İstanbul, Turkey, 2005