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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1979 - 1983

Research Areas

Mathematics, Nonassociative Rings and Algebras, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Fen Edebiyat, Matematik, 1997 - Continues

Academic and Administrative Experience

Cukurova University, Ç.Ü.Fen Edebiyat Fakültesi, Matematik, 2007 - 2010

Courses

Cebir I, Undergraduate, 2013 - 2014

Advising Theses

EKİCİ N., Paraserbest Lie cebirleri, Doctorate, Z.Velioğlu(Student), 2013

EKİCİ N., F/R formundaki serbest Lie cebirlerinin test rankı, Doctorate, N.Şahin(Student), 2011

EKİCİ N., Serbest Lie cebirlerinin endomorfizmlerinin sabit noktaları ve sabit nokta alt cebirleri, Doctorate, D.Parlak(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

I. 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)
- II. **Abelian product of free Abelian and free Lie algebras**
Ozkurt Z., EKİCİ N.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.2, pp.331-337, 2018 (SCI-Expanded)
- III. **Central automorphisms of free nilpotent Lie algebras**
Oztekin O., EKİCİ N.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.16, no.11, 2017 (SCI-Expanded)
- IV. **k-Priminity and images of primitive elements**
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JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.15, no.7, 2016 (SCI-Expanded)
- V. **Ideals and primitive elements of some relatively free Lie algebras**
Ekici N., Esmersigil Z., Ersalan D.
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- VI. **Test elements of direct sums and free products of free Lie algebras**
Eskal C., EKİCİ N.
PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.126, no.1, pp.43-48, 2016 (SCI-Expanded)
- VII. **Direct Limit of Parafree Lie Algebras**
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- VIII. **Fixed points of IA-endomorphisms of a free metabelian Lie algebra**
EKİCİ N., Sonmez D. P.
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- IX. **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)
- X. **An application of the Dieudonne determinant: Detecting non-tame automorphisms**
Oezkurt Z., EKİCİ N.
JOURNAL OF LIE THEORY, vol.18, no.1, pp.205-214, 2008 (SCI-Expanded)
- XI. **A particular test element of a free solvable Lie algebra of rank two**
TEMIZYUEREK A., Ekici N.
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.37, no.4, pp.1315-1326, 2007 (SCI-Expanded)
- XII. **Test rank of F/R ' Lie algebras**
ESMERLIGIL Z., KAHYALAR D., Ekici N.
INTERNATIONAL JOURNAL OF ALGEBRA AND COMPUTATION, vol.16, no.4, pp.817-825, 2006 (SCI-Expanded)
- XIII. **Test sets and test rank of a free metabelian Lie algebra**
ESMERLIGIL Z. G., Ekici N.
COMMUNICATIONS IN ALGEBRA, vol.31, no.11, pp.5581-5589, 2003 (SCI-Expanded)
- XIV. **RECOGNIZING AUTOMORPHISMS OF THE FREE COLOR LIE SUPERALGEBRAS**
KIRAL E., EKİCİ N.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.1, no.3, pp.335-340, 2002 (SCI-Expanded)
- XV. **On generators of free color Lie superalgebras of rank two**
AYDUN E., Ekici N.
JOURNAL OF LIE THEORY, vol.12, no.2, pp.529-534, 2002 (SCI-Expanded)
- XVI. **FREE POLYNILPOTENT SUBALGEBRAS OF A FREE POLYNILPOTENT LIE-ALGEBRA**
EKICI N.
COMMUNICATIONS IN ALGEBRA, vol.19, no.1, pp.37-43, 1991 (SCI-Expanded)
- XVII. **ON IDEALS OF FREE LIE-ALGEBRAS**
EKICI N.

- JOURNAL OF PURE AND APPLIED ALGEBRA, vol.45, no.3, pp.201-205, 1987 (SCI-Expanded)
- XVIII. QUASI-PRIMENESS OF LOWER CENTRAL TERMS OF AN IDEAL IN A FREE LIE-ALGEBRA
UNLU Y., EKICI N.
JOURNAL OF PURE AND APPLIED ALGEBRA, vol.43, no.3, pp.299-302, 1986 (SCI-Expanded)

Articles Published in Other Journals

- I. Unions of Parafree Lie Algebras
EKİCİ N., VELİOĞLU Z.
Algebra, vol.2014, pp.1-4, 2014 (Peer-Reviewed Journal)
- II. Commutator Subalgebras of Free Product of Lie Algebras
Aydın E., Ekici N., Subası M.
Soochow Journal of Mathematics, vol.29, no.1, pp.7-14, 2003 (Peer-Reviewed Journal)
- III. Commutator subalgebras of a free product of Lie algebras
EKİCİ N., Mine S., AYDIN E.
Soochow J. of Mathematics, vol.29, no.1, pp.7-14, 2003 (Peer-Reviewed Journal)
- IV. Serbest Color ve Serbest Nilpotent Color Lie Süpercebirlerinin Bazı
KIRAL E., EKİCİ N.
Çukurova Üniversitesi Fen Bilimleri Enstitüsü, vol.12, pp.52-65, 2003 (Non Peer-Reviewed Journal)
- V. The Determination of Subalgebras of Codimension One In Finitely Presented Lie Algebras
Aydın E., Esmerligil Z., Ekici N.
Bull.Cl.Math.Soc., vol.94, no.3, pp.197-208, 2002 (Peer-Reviewed Journal)
- VI. The Determination of Subalgebras of Codimension one in a Finitely Presented Lie Algebra
ESMERLİĞİL Z. G., Ekici N., Aydin E.
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- VII. The determination of subalgebras of codimension one in a finitely presented Lie algebras
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Bull.Calcutta Math.Soc., vol.94, no.3, pp.197-208, 2002 (Peer-Reviewed Journal)
- VIII. Residually Finite Subalgebras of lie Algebras
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Journal of Institute of Math and Computer Sciences (Mathematics Series), vol.10, pp.109-112, 1997 (Peer-Reviewed Journal)
- IX. Grupların Kelime Çarpımları
KIRAL E., EKİCİ N.
Ç. Ü. Fen ve Müh. Bil. Dergisi, vol.1, pp.15-25, 1996 (Peer-Reviewed Journal)
- X. On finitely generated free nilpotent Lie superalgebras of class 3
Melih B., EKİCİ N., ÜNLÜ Y.
Algebras groups and geometries, vol.12, no.3, pp.247-254, 1995 (Peer-Reviewed Journal)
- XI. Graded Lie algebras and applications
EKİCİ N.
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- XII. m k th term of the lower central series of a free Lie algebra as a subalgebra of the m th term
Melih B., EKİCİ N.
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Refereed Congress / Symposium Publications in Proceedings

- I. 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
- II. **Fixed points of automorphisms permuting free generators of free metabelian Lie algebras**
 ESMERLİĞİL Z. G., EKİCİ N.
 4th International Eurasian Conference on Mathematical Sciences and Applications, 31 August - 03 September 2015
- III. **Fixed points of involutions in a Lie algebra of the form F R**
 ERSALAN D., EKİCİ N.
 4th International Eurasian Conference on Mathematical Sciences and Applications, Atina, Greece, 31 August - 03 September 2015
- IV. **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
- V. **Fixed points of certain automorphisms of free solvable Lie algebras**
 EKİCİ N.
 IECMSA-2015 4th Int.Eurasian Conf. On Math. Sci. And Applications, Atina, Greece, 31 August - 03 October 2015,
 pp.304
- VI. **Fixed Point of Automorphisms Permuting Free Generators of Free Metabelian Lie Algebras**
 ESMERLİĞİL Z. G., Ekici N.
 4th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Atina, Greece,
 31 August - 03 September 2015, pp.327
- VII. **A presentation of the free Lie algebra $F/\gamma_3(F)$**
 EKİCİ N., Kaya Gök G.
 IECMSA-2015 4th Int.Eurasian Conf. On Math. Sci. And Applications, Atina, Greece, 31 August - 03 September 2015,
 pp.320
- VIII. **The Structure of the Lie algebra $\gamma_m F \gamma_m F$**
 ERSALAN D., EKİCİ N.
 IECMSA_2014, Viyana, Austria, 25 - 28 August 2014
- IX. **Central automorphisms of free nilpotent Lie algebras**
 ÖZTEKİN Ö., EKİCİ N.
 IECMSA-2014, Viyana, Austria, 25 - 28 August 2014
- X. **Minimal central series of nilpotent product of abelian Lie algebras**
 ESMERLİĞİL Z. G., EKİCİ N.
 IECMSA-2014, Viyana, Austria, 25 - 28 August 2014
- XI. **Subalgebras of Metabelian Product of Free Abelian Lie Algebras**
 Özkurt Z., Ekici N.
 3rd. International Eurasian Conference on Mathematical Sciences and Applications, Vienna, Austria, 25 - 28 August 2014
- XII. **A presentation of $M_{2,m}$**
 EKİCİ N., Kaya Gök G.
 IECMSA-2014 3rd Int.Eurasian Conf. On Math. Sci. And Applications, Viyana, Austria, 25 - 28 August 2014, pp.53
- XIII. **Minimal Cenntral Series of Nilpotent Product of Abelian Lie Algebras**
 ESMERLİĞİL Z. G., Ekici N.
 3rd INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Vienna,
 Austria, 25 - 28 August 2014, pp.549
- XIV. **Parafree metabelian Lie algebras which are determined by parafree Lie algebras**
 EKİCİ N., Velioğlu Z.
 IECMSA-2014 3rd Int.Eurasian Conf. On Math. Sci. And Applications, Viyana, Austria, 25 - 28 August 2014, pp.74
- XV. **Central automorphisms of free Lie algebras**
 EKİCİ N., Öztekin Ö.
 IECMSA-2014 3rd Int.Eurasian Conf. On Math. Sci. And Applications, Viyana, Austria, 25 - 28 August 2014, pp.66

- XVI. **Lower central factors of the Lie algebra $F/\gamma_3(F) + \gamma_4(F)$**
 EKİCİ N.
 IECMSA-2014 3rd Int.Eurasian Conf. On Math. Sci. And Applications, Viyana, Austria, 25 - 28 August 2014, pp.304
- XVII. **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
- XVIII. **Primitive Decomposition of Elements of a Free Metabelian Lie algebras of Rank Two**
 AYDIN E., Ekici N.
 IECMSA, Sarajevo, Bosnia And Herzegovina, 26 - 29 August 2013, pp.22
- XIX. **The Orbit Problem of A Finitely Generated Lie Algebra**
 YAPTI ÖZKURT Z., Ekici N.
 2nd International Eurasian Conference on Mathematical Sciences and Applications(IECMSA), Saray Bosna, Bosnia And Herzegovina, 26 - 29 August 2013, pp.49
- XX. **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
- XXI. **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
- XXII. **Serbest Nilpotent Lie Cebirlerinin Test Rankı**
 ÖĞÜŞLÜ N. Ş., EKİCİ N.
 XXIV. Ulusal Matematik Sempozyumu, Bursa, Turkey, 7 - 11 September 2011, pp.104
- XXIII. **Rankı iki olan Serbest metabelyen Lie Cebirleri için bir Komutatör Testi**
 ESMERLİĞİL Z. G., Ekici N.
 XXI.ULUSAL MATEMATİK SEMPOZYUMU, İstanbul, Turkey, 1 - 04 September 2008, pp.43
- XXIV. **F/V nin Taşınabilir Olmayan Otomorfizmleri**
 AYDIN E., Ekici N.
 XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 20 - 23 September 2006, pp.49
- XXV. **İki Üreteçli $F\setminus R'$ Serbest Lie cebirleri için Komutatör Testi**
 ESMERLİĞİL Z. G., Ekici N.
 XIX.ULUSAL MATEMATİK SEMPOZYUMU, Kütahya, Turkey, 22 - 25 August 2006, pp.51
- XXVI. **Dieudonne Determinantının Serbest Lie Cebirlerindeki Uygulamaları: Taşınamayan Üreteç Kümelerini Belirleme**
 YAPTI ÖZKURT Z., Ekici N., ERSALAN D.
 XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006, pp.50
- XXVII. **Serbest Metabelyen Lie Cebirlerinde Primitif Taşınabilirlik**
 YAPTI ÖZKURT Z., Ekici N.
 XVIII. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 5 - 08 September 2005, pp.203
- XXVIII. **İki Üreteçli Serbest Metabelyen Lie Cebirlerinin Primitif Elemanları ve Otomorfizmleri**
 ESMERLİĞİL Z. G., Ekici N.
 XVI. ULUSAL MATEMATİK SEMPOZYUMU, Van, Turkey, 10 - 12 September 2003, pp.101-105
- XXIX. **Rankı 2- olan Serbest Color Lie Süpercebirlerinin Doğurayları**
 AYDIN E., Ekici N.
 Palandöken Matematik Günleri, Erzurum, Turkey, 19 - 23 September 2001, pp.20
- XXX. **Lie cebirlerinin serbest Lie çarpımları**
 AYDIN E., Ekici N., Temizyürek A.
 XI. Ulusal Matematik Sempozyumu, Isparta, Turkey, 23 - 26 September 1998, pp.198-204
- XXXI. **Lie p-cebirlerinde Sonlu koboyutlu alt cebirler**
 AYDIN E., Ekici N.

Supported Projects

- EKİCİ N., Project Supported by Higher Education Institutions, Fixed Points of Certain Automorphisms of Free Solvable Lie Algebras, 2015 - 2015
- ÖĞÜŞLÜ N. Ş., EKİCİ N., Project Supported by Higher Education Institutions, Embeddings of Solvable Products Into Matrix Algebras and Generalized Fox Derivatives, 2015 - 2015
- EKİCİ N., Project Supported by Higher Education Institutions, Lower Central Factors of the Lie Algebra $F/\gamma_3(F) + \gamma_m(F)$, 2014 - 2014
- YAPTI ÖZKURT Z., EKİCİ N., Project Supported by Higher Education Institutions, Subalgebras of Metabelian Product of Free Abelian Lie Algebras, 2014 - 2014

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