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Born 1980 in Isfahan

Education

- 2005-2009 PhD in Pure Mathematics, Tarbiat Modares University, Tehran, Iran (Title of thesis: *Annihilators and radicals of Ore extensions*, Supervisor: Prof. A. Moussavi).
- 2008-2009 Visiting student, Department of mathematics, University of Bielefeld, Bielefeld, Germany (Supervisor: Prof. C. M. Ringel).
- 2002-2005 MSc in Mathematics, Tarbiat Modares University, Tehran, Iran (Title of thesis: *On Armendariz rings*, Supervisor: Prof. A. Moussavi).

Career

- 2014-Present Associate Professor, Department of Pure Mathematics, University of Isfahan.
- 2009-2014 Assistant Professor, Department of Pure Mathematics, University of Isfahan.
- 2021-Present Senior Associate Researcher, School of Mathematics, IPM.
- 2013-2021 Resident researcher, School of Mathematics, IPM.
- 2010-2013 Non-resident researcher, School of Mathematics, IPM.

Research interests

Representation theory of algebras, Non-commutative algebras.

Grants

- 2018 Six months scholarship from the Austrian Academy of Sciences for visiting University of Graz, Austria.
- 2016 Three months scholarship from the Austrian Academy of Sciences for visiting University of Graz, Austria.
- 2010 One-month scholarship from the ICTP for visiting ICTP, Italy.
- 2008 Nine months scholarship from the Ministry of Higher Education of Iran for visiting University of Bielefeld, Germany.

Research supervisions

Curriculum Vitae

Postdoctoral fellows:

2019-Present Dr. Ziba Fazelpour, Postdoctoral fellows of IPM.

PhD students:

2018-present Raziye Diyanatnejad.
2016- 2020 Ramin Ebrahimi.
2014-2019 Mohsen Shekari.

Organization of scientific events

2016 Organizer of seminar on “Representation theory of Artin algebras”, October 19-20, IPM-Isfahan, Isfahan, Iran.
2014 Member of the scientific committee of the 24th Algebra Seminar of Iran, November 12-13, Kharazmi University, Karaj, Iran.
2013 Member of the scientific committee of the 23th Algebra seminar of Iran, November 21-22, Faculty of Computer and Mathematics, Khansar, Iran.

Awards

2020 Distinguished Researcher in Faculty of Mathematics and Statistics, University of Isfahan.
2011 Young assistant professor fellows from Iranian National Elite Foundation.
2009 Second prize in Kharazmi young festival.
2009 Best PhD thesis in Tarbiat Modares University, Tehran.
2009 First grade student in PhD.
2005 First grade student in MSc.
2002 First grade student in BSc.

Refereeing

Referee for some journals.
Reviewer of the zbMATH.
Reviewer of the Math.Sci.Net.
PhD examiner: University of Isfahan, Isfahan University of Technology.

Selected talks

2019 “Lower bound cluster algebras generated by projective cluster variables” CIMPA-UI-IPM Isfahan School and Conference on Representations of Algebras (ISCRA), April 2019, University of Isfahan, Isfahan, Iran.
2018 “Maximal green sequences for cluster-tilted algebras” University of Graz, Graz, Austria.
2017 “Maximal forward Hom-orthogonal sequences for cluster-tilted algebras of finite type” University of Isfahan and IPM-Isfahan second Seminar on Representations of Algebras (ISRA-II), November 2017, IPM-Isfahan, Isfahan, Iran.
2016 “Strongness of companion bases for cluster-tilted algebras of finite type” IPM-Isfahan Seminar on Representation Theory of Artin Algebras (ISRA-I), October 2016, IPM-Isfahan, Isfahan, Iran.

Curriculum Vitae

- 2016 “Lie algebras associated with representation-finite algebras” University of Graz, Graz, Austria.
- 2014 “An Introduction to representation theory of associative algebras” Algebra Day conference, Isfahan Mathematics House, Isfahan, Iran.
- 2009 “Hall polynomials for Nakayama algebras” University of Bielefeld, Bielefeld, Germany.

Publications

Preprints

- Auslander correspondence for Kawada rings, (with Z. Fazelpour), [arXiv: 2105.10898](#).
- Morita equivalence and Morita duality for rings with local units and subcategory of projective unitary modules, (with Z. Fazelpour), [arXiv: 2103.08276](#).
- Cluster algebras generated by projective cluster variables, (with K. Baur), [arXiv:2011.03720](#).
- Higher Auslander’s formula, (with R. Ebrahimi), [arXiv:2006.06472](#).

Accepted papers

- Coxeter diagrams and the Köthe’s problem, (with Z. Fazelpour), to appear in Canad. J. Math. [arXiv:1812.06642](#), DOI:[10.4153/S0008414X20000115](#).

Published Papers

- Representation of n -abelian categories in abelian categories, (with R. Ebrahimi), J. Algebra, 563 (2020), 352-375.
- Right n -Nakayama algebras and their representations, (with M. Shekari), Algebr. Represent. Theory, 23(4) (2020), 1297-1317.
- Algebraic Cuntz-Krieger algebras, J. Aust. Math. Soc. 109 (2020), 93-111.
- Pure semisimple n -cluster tilting subcategories, (with R. Ebrahimi), J. Algebra, 549 (2020), 177-194.
- Maximal forward hom-orthogonal sequences for cluster-tilted algebras of finite type, Proc. Amer. Math. Soc. 147(7) (2019), 2775-2782.
- Strongness of companion bases for cluster-tilted algebras of finite type (with K. Baur), Proc. Amer. Math. Soc. 146(6) (2018), 2409-2416.
- Connections between Representation-Finite and Köthe Rings, (with Z. Fazelpour), J. Algebra 514 (2018), 25-39.
- The commutative core of a Leavitt path algebra, (with C. Gil Canto), J. Algebra 511 (2018), 227-248.
- The cycline subalgebra of a Kumjian-Pask algebra (with L. O. Clark and C. Gil Canto), Proc. Amer. Math. Soc. 145(5) (2017), 1969-1980.
- Left APP differential polynomial rings, Comm. Algebra 45(6) (2017), 2444-2451.
- Polynomial extensions of SCN rings need not be SCN, Comm. Algebra 45(1) (2017), 443-445.
- Lower bounds on the stable range of skew polynomial rings, Comm. Algebra 45(1) (2017), 446-454.
- Singular equivalence of finite dimensional algebras with radical square zero, J. Pure Appl. Algebra 220 (2016), 3948-3965.

- Radicals of Ore extension of skew Armendariz rings, *Comm. Algebra* 44(3) (2016), 1302-1320.
- On Lie algebras associated with representation-finite algebras, *J. Algebra* 444 (2015), 284-296.
- Decomposable Leavitt path algebras for arbitrary graphs (with G. Aranda Pino), *Forum Math.* 27(6) (2015), 3509-3532.
- On NI skew polynomial rings, *Comm. Algebra* 43(12) (2015), 5113-5120.
- Hall polynomials and composition algebra of representation finite algebras, *Algebr. Represent. Theory* 17(4) (2014), 1155-1161.
- Jacobson radicals of skew polynomial rings of derivation type, *Canadian Math. Bull.* 57(3) (2014), 609-613.
- Ore extensions of Jacobson rings (with A. Moussavi), *J. Algebra* 415 (2014), 234-246.
- On semiprime right Goldie McCoy rings, *Comm. Algebra* 42(4) (2014), 1565-1570.
- The ascending chain condition for principal left ideals of skew polynomial rings, *Taiwanese J. Math.* 18(3) (2014), 931-941.
- Radicals of skew polynomial and skew Laurent polynomial rings over skew Armendariz rings, *Comm. Algebra* 42(3) (2014), 1337-1349.
- Ore extensions of 2-primal rings, *J. Algebra Appl.* 13(3) (2014), 1350117 (7 pages).
- On a Quotient of skew Polynomial Rings, *Comm. Algebra* 41(12) (2013), 4520-4533.
- Radicals of skew generalized power series rings, *J. Algebra Appl.* 12(1) (2013), 1250129 (13 pages).
- Hall Polynomials for Nakayama algebras, *Algebr. Represent. Theory* 15(3) (2012), 483-490.
- A generalization of reduced rings (with A. Moussavi), *J. Algebra Appl.* 11(4) (2012), 1250070 (30 pages).
- On skew triangular matrix rings, *Comm. Algebra* 39(11) (2011), 4461-4469.
- Reversible skew generalized power series rings, *Bull. Aust. Math. Soc.* 84 (2011), 455-457.
- On skew power serieswise Armendariz rings (with A. Moussavi), *Comm. Algebra* 39(9) (2011), 3114-3132.
- On a quotient of polynomial rings (with A. Moussavi), *Comm. Algebra* 38(2) (2010), 567-575.
- On Goldie prime ideals of Ore extensions (with A. Moussavi), *Comm. Algebra* 38(1) (2010), 1-10.
- On weakly rigid rings (with A. Moussavi), *Glasgow Math. J.* 51(3) (2009), 425-440.
- Skew Laurent Polynomial Extensions of Baer and p.p.-Rings (with A. Moussavi), *Bull. Korean Math. Soc.* 46(6) (2009), 1041-1050.
- On Ore extensions of quasi-Baer rings (with A. Moussavi), *J. Algebra Appl.* 7(2) (2008), 211-224.
- Ore extensions of skew Armendariz rings (with A. Moussavi), *Comm. Algebra* 36(2) (2008), 508-522.
- Baer and quasi-Baer differential polynomial rings (with A. Moussavi), *Comm. Algebra* 36(9) (2008), 3533-3542.
- Skew power series extensions of principally quasi-Baer rings (with E. Hashemi and A. Moussavi), *Studia Sci. Math. Hungar.* 45(4) (2008), 469-481.