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About me ...

Current position

Associate Professor,
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Born

Saturday, December 22, 1962, Sabzevar, Iran

Nationality and Native Language

Iranian , Persian

Areas of specialization

Ring of continuous functions
Frame (Pointfree topology)

Education

1999-2001: PHD in Mathematical Algebra,
Dept. Math. Chamran University, Ahvaz, Iran

1989-1991: MSc in Mathematical Algebra
Dept. Math. Chamran University, Ahvaz, Iran

1984-1987: B.Sc. in Pure Mathematics
Birjand University, Birjand, Iran.

Teaching

- Rings and Modules
- Commutative algebra
- Topology
- Frame and Stone spaces
- Lattice theory

Membership of societies

Iranian Mathematical Society

Publications & talks

Journal articles

2003 A.A. Estaji and O. A. S. Karamzadeh, On $C(X)$ Modulo its Socle, *Communications in Algebra* Volume 31, Issue 4, 1561–1571

2007 A.A. Estaji, On α -self-injectivity, *Far East Journal of Mathematical Sciences (FJMS)* Volume 25, Issue 2, 375–384.

2008 A.A. Estaji, On Almost Discrete Space, *Archivum Mathematicum (BRNo)* 44, 6976. **2010a** A.A. Estaji and M. Shabani, A note on multiplication S -act, *Far East Journal of Mathematical Sciences (FJMS)* Volume 36, Issue 2, 133–150.

2010b Ali Akbar Estaji and Melvin Henriksen, On a -Kasch space, *Archivum Mathematicum*, Vol. 46, No. 4, 251262.

2011 A.A. Estaji and S. Tajnia, Prime Subacts Over Commutative Monoids with Zero, *Lobachevskii Journal of Mathematics*, Vol. 32, No. 4, pp. 358365.

2012a A.A. Estaji, M.R. Hooshmandasl, B. Davvaz, Rough set theory applied to lattice theory, *Information Sciences* 200, 108122.

2012b Ebrahim Hashemi and Ali Akbar Estaji, On polynomials over abelian rings, *Vietnam Journal of Mathematics* 40:1, 47-55.

2012c Ali Akbar Estaji, z -Weak Ideals and Prime Weak Ideals, *Iranian Journal of Mathematical Sciences and Informatics* Vol. 7, No. 2, 53-62.

2013 Ali Akbar Estaji, Ali Saghafi Khorasani and Samaneh Baghdari, Multiplication ideals in Γ -rings, *Journal of Hyperstructures* 2 (1), 30-39.

2014a Ali Akbar Estaji and Ali Asghar Estaji, Some results on Noetherian S -group, *Journal of Algebra and Related Topics*, Vol. 2, No 1, 43-53.

2014b A.A. Estaji, A. As. Estaji, A. S. Khorasani, S. Baghdari, On multiplication α -modules, *Ratio Mathematica*, 26, 21-38.

2015a A.A. Estaji, T. Haghdadi, and A. As. Estaji, Zero divisor graphs for S -act, *Lobachevskii Journal of Mathematics*, Vol. 36, No. 1, 18.

2015b A.A. Estaji, A. Karimi Feizabadi, M. Abedi, Zero sets in pointfree topology and strongly z -ideals, *Bull. Iranian Math. Soc.*, Vol. 41, No. 5, 1071-1084.

- 2015c** Ali Akbar Estaji, Masomeh Shabani, Some notes on quasi P-rings, *Transactions on Algebra and its Applications*, 1 (1), 19-26.
- 2015d** A.A. Estaji, A. Karimi Feizabadi, M. Abedi, Strongly fixed ideals in $C(L)$ and compact frames, *Archivum Mathematicum*, 51, 112.
- 2015e** Ali Akbar Estaji, Ali Asghar Estaji, Nexus over an Ordinal, *Journal of Uncertain Systems* Vol.9, No.3, 183-197.
- 2015f** A. Karimi Feizabadi, A.A. Estaji, M. Abedi, Pointless form of rough sets, *Kyungpook Math. J.*, 55, 549-562.
- 2016a** A.A. Estaji, A. Karimi Feizabadi, and M. Zarghani, The ring of real-continuous functions on a topoframe, *Categories and General Algebraic Structures with Applications*, Volume 4, Number 1, February 2016, 75-94.
- 2016b** R. A. Borzooei, A.A. Estaji and M. Mobini, On the category of rough sets, *Soft Comput.* Online: 05 April 2016.
- 2016c** A. Karimi Feizabadi, A.A. Estaji, and M. Zarghani, The ring of real-valued functions on a frame, *Categories and General Algebraic Structures with Applications*, Volume 5, Number 1, July 2016, 85-102.
- 2017a** A. Karimi Feizabadi, A.A. Estaji, and B. Emamverdi, $\mathcal{RL}$ -valued f -ring homomorphisms and lattice-valued maps, *Categories and General Algebraic Structures with Applications*, Accepted.
- 2017b** A.A. Estaji, A. Karimi Feizabadi, and M. Zarghani,, *Zero elements and z -ideals in modified pointfree topology*, Bull. Iranian Math. Soc., Accepted.

Books

- 2004** Ali Akbar Estaji, *Algebra of continuous functions*, Sabzevar Tarbiat Moallem University.

Seminar articles & talks

- 2007a** A.A. Estaji, On the Krull intersection theorem for S-act, 18th seminar on Algebra, March. 2007, Basic Science Damghan University, Damghan, Iran.
- 2007b** A.A. Estaji and M. Shabani, Multiplication S-acts, 38 th Annual Iranian Mathematics Conference, 3-6 September 2007, Zanzan University, Zanzan, Iran.
- 2007c** A.A. Estaji, A note on the Noetherian space and Noetherian semi-group, Conference on semigroups, acts and categories June 2007, University of Tartu, Estonia.

- 2008a** A.A. Estaji , F. Namazi and A.A.S. Estaji, Some results on prime S-act, Extended Abstract of 19 th Algebra Semnan, 12-13 march 2008 , semnan university, semnan Iran, page 42-45.
- 2008b** A.A. Estaji, A. Saberi and A.A.S. Estaji, The notion of product of two Subacts of multiplication S-act, Extended Abstract of 19 th Algebra Semnan, 12-13 march 2008 , semnan university, semnan , Iran page 38-41.
- 2008c** A.A. Estaji, On the z-ideal of Semigroup $(C(X), \cdot)$, International Conference on Mathematics and Statistics 15-19 June 2008, Athens, Greece.
- 2008d** A.A. Estaji and S. Tajnia, Some result on second and secondary subacts, 39 th Annual Iranian Mathematics Conference, August 2008, Kerman, Iran.
- 2009a** A.A. Estaji and H. Zeinalian, Fuzzy primary subacts, Tarbiat Moallem University, 20th Seminar on Algebra 2-3 Ordibehesht, 1388 (Apr. 22-23, 2009) pp 62-65.
- 2009b** A.A. Estaji and F. Mohammadzadeh, Subacts of Multiplication S-acts, 5th Seminar on Commutative Algebra and Related Topics, Isfahan, Iran, page 6.
- 2009c** A.A. Estaji and Z. Hatamikia, On multiplication s-act, 40th Annual Iranian Mathematics Conference, Sharif University of Technology.
- 2010a** Ali Akbar Estaji, Somayeh Khodaei, and Solmaz Bahrami, On Rough Set and Fuzzy Sublattice, 21th Algebra Seminar of Iran, 10-11 November 2010, Faculty of Mathematical Sciences, University of Tabriz.
- 2010b** Ali Akbar Estaji, and Elahe Hoseiny, Strongly irreducible subact, 21th Algebra Seminar of Iran, 10-11 November 2010, Faculty of Mathematical Sciences, University of Tabriz.
- 2012** Ali Akbar Estaji, Ali Saghafe Khorasani and Samaneh Baghdari, GCD and LCM of ideals in Γ -rings, Extended Abstracts of the 1st Algebraic Structures Seminar 15th-16th November 2012 Hakim Sabzevari University, Sabzevar, Iran.
- 2013** A.A. Estaji, A. Karimi Feizabadi, M. Abedi, Partitions of a lattice and galois, The Extended Abstracts of The 44th Annual Iranian Mathematics Conference 27-30 August 2013, Ferdowsi University of Mashhad, Iran.
- 2014a** A.A. Estaji, T. Haghdadi, and J. Farrokhi Ostad, Fuzzy nexus over an ordinal, Kharazmi University, 24th Iranian Algebra Seminar, 21-22 Aban, 1393 (November 12-13, 2014), pp:65-67.
- 2014b** A.A. Estaji, A. Karimi Feizabadi, M. Abedi, z -filters and zero sets in pointfree topology, Kharazmi University, 24th Iranian Algebra Seminar, 21-22 Aban, 1393 (November 12-13, 2014), pp:11-14.

2015a M. Abedi, A.A. Estaji, A. Karimi Feizabadi, Weakly spatial frames, 46th Annual Iranian Mathematics Conference 25-28 August 2015 Yazd University

2015b A.A. Estaji and M. Zarghani, Pointless form of grills, 8th Seminar on Geometry and Topology, Amirkabir University of Technology, December, 15-17, 2015.

2016a A.A. Estaji and F. Bayati, Approximation of a fuzzy subset on a hyperlattice, 25th Iranian Algebra Seminar, Hakim Sabzevari University, July 20-21, 2016.

2016b A.A. Estaji and M. Robot Sarpoushi, pointfree topology version of image of real-valued continuous functions with finite image, 25th Iranian Algebra Seminar, Hakim Sabzevari University, July 20-21, 2016.

2016c A.A. Estaji, A. Karimi Feizabadi and B. Emamverdi, Realize of lattice valued functions, 4th Seminar on Algebra and its Applications, University of Mohaghegh Ardabili, August 9-11, 2016.

Newspaper articles

2017.....

PhD Students

2012-2015: Mostafa Abedi, Zero sets in pointfree topology

2013-....: Mohammad Zarghani, The ring of real-continuous functions on a topoframe

2013-....: Ahmad Mahmoudi,

2013-....: Batool Emamverdi, Lattice-Valued functions and cozero maps

2014-....: Maryam Robot Sarposhi,

2015-....: Hasan Yousefpour,

Masters Students Advised

Skills

sport

- Mountaineering

Computer software

- Latex
- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Xepersian

Something other