

Curriculum Vitae of



Dr. Ali Taherifar

*Professor in pure mathematics,
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Personal Data:

Date and Place of Birth	Nationality	Sex	Marital Status
08/23/ 1975-Bahmaei, Iran	Iranian (Persian)	Male	Married

Educational Background:

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
Ph.D.	Pure Mathematics, Topology	Shahid Chamran University of Ahvaz	2009
MSc.	Pure mathematics (algebra)	Shahid Chamran University of Ahvaz	2003
BSc.	Pure Mathematics	Isfahan University	1997

Title of Ph.D. Thesis	Relative z -ideals in $C(X)$
Title of MSc. Thesis	(m, n) -injective module

Academic Work Experience:

	Dates		Name of Institution
	From	To	
Associate Professor	2015	Present	Yasouj University, Yasouj, Iran
Assistant Professor	2010	2014	Yasouj University, Yasouj, Iran

Teaching:

1. General topology.
2. Advanced topology for master students.
3. Algebraic topology for Bachelor and master students.
4. Fundamental mathematics for bachelor students.
5. Ring of continuous functions1.
6. Calculus (Undergraduate Level)
7. Commutative algebra for M.Sc. Students.
8. Ring of continuous functions 2.
9. Python programing language.
10. English for mathematics students.

Visiting:

1. Unisa University, South Africa, August 2015 (invited speaker).
2. Unisa University, South Africa, 2016 (as research professor for three months).
3. Louisiana University in the USA, 2018 (invited speaker for seminar in algebra).
4. Moscow State University, August 23-28, 2018 (invited speaker).
5. Esfahan University of Iran in IPM, 2021 (Seminar about geometry and algebra).
6. Chamran University of Iran, 2022 (seminar on algebra and topology).

Research Interests:

1. General topology.
2. Ring theory.
3. Commutative algebra.
4. Lattice theory.
5. Ring of continuous functions.

6. Algebraic topology.
7. Python programming language.
8. Machine learning.

Scientific Memberships:

1. Editor for Bulletin of the Iranian mathematics society journal from 2018- 2022.
2. Editor for Morocco journal of algebra and geometry and its applications.
3. Reviewer for Zentralblatt Math and MathScinet.

Selected research publications:

#	Year	Authors, title, Journal details	Your Contribution
1	2024	T. Dube and A. Taherifar Zip-rings (resp., Czip-rings) and their applications, Topology and its applications.	The first author
2	2024	M. S. Mthetwa and A. Taherifar* J-spaces and C-normal spaces: an algebraic perspective, filomat journal.	The first author
3	2023	A.R. Olfat and A. Taherifar*, Relative prime (resp., semiprime) ideals with applications in $C(X)$, Moroccan journal of algebra and geometry with applications, 1(2), 2022, 428-441	The first author
4	2023	S.S. Mthetwa and A. Taherifar, A note on J-space and relatively connected subspace, Question mathematicae.	The second paper
5	2022	A. Taherifar* and F. Golrizkhatam, some class of topological spaces and its applications, applied general topology. 23, no. 1 (2022), 1-16.	The first author
6	2021	A. Taherifar*, On the lattice of Basic z-Ideals, Mathematical Researcher, Volume 7, Issue 1 (Vol.7, No. 1, 2021).	The first author

7	2021	T. Dube and A. Taherifar*, On the lattice of annihilator ideals, communications in algebra, 2021, VOL. 49, no. 6, 2444–2456	The first author
8	2020	H. Rahbani, A. Taherifar* and N. Jafarnejad, Trees with No Locating Roman Domination Critical Vertices, Iranian journal of science and technology, Transactions A: science 2020.	The first author
9	2020	T. Dube, M. Ghirati, S. Nazari and A. Taherifar, Rings in which idempotents generate maximal or minimal ideals, 2020, Algebra universals.	The fourth author
10	2020	A. Taherifar*, On the socle of a commutative ring and Zariski topology, 2020, Rocky Mountain Journal of Mathematics.	The first author
11	2018	F. Azarpanah, A.A.Hesaria, A.R.Salehib, A.Taherifar, A Lindelofication, Topology and its applications, 245(2018) 46-61.	The fourth author
12	2018	S. Safaeeyn, and A. Taherifar, d-ideals, fd-ideals and prime ideals, Question mathematicae ,1-10, 2018.	The second author
13	2018	M. Ghirati, Z. Gharabagi and A. Taherifar. On the ring of functions which are discontinuous on a finite set, Houston journal of mathematics, 44(2), 2018, 721739.	The third author

14	2018	F. Azarpanah, M. Ghirati and A. Taherifar*. Closed ideals in $C(X)$ with different representation, Houston Journal of mathematics, 44(1), 2018, 363-383	The first author
15	2017	A. Taherifar*, On a question of Kaplansky, Topology and its applications, 232(98-101) 2017.	The first author
16	2017	A. Taherifar*, A.R. Olfati and H. Saberi, Algebraic properties of some factor rings of $C(X)$, Topology and its applications, 228(2017), 79-91	The first author
17	2015	A. Taherifar*. Some generalizations and unifications of $C_K(X)$, $C_{\text{side}}(X)$ and $C_{\infty}(X)$., Question mathematicae, (6) 2015(1-15).	The first author

18	2015	F. Azarpanah, M. Ghirati, A. Taherifar: When is $C_{\{F\}}(X) = M^{\beta X \setminus \text{minus } X}$? Topology and its Applications, 194(2015) 22-25.	The third author
19	2015	A. R. Aliabad, A. Taherifar and N.Tayarzadeh. α Baer-rings and some related concepts via $C(X)$, Question mathematicae, 1(2015)(1-15).	The second author
20	2015	A. Taherifar*, Essential Ideals in Subrings of $C(X)$ that Contain $C^*(X)$. Filomat , 2015, 297(7):1631-1637.	The first author
21	2014	A. Taherifar, A CHARACTERIZATION OF BAER-IDEALS, Journal of algebraic systems, 2(1)(2014), (37-51).	The first author
22	2014	A. Taherifar*: Intersections of essential minimal prime ideals, Comment.Math.Univ.Carolin. 55,1 (2014) 121–130.	The first author
23	2014	A. Taherifar*, Some new classes of topological spaces and annihilator ideals. Topology and its Applications 01/2014(165).	The first author
24	2014	A. Taherifar*, M. Ghirati: Intersections of essential (resp., free) maximal ideals of $C(X)$. Topology and its Applications 04/2014(167) :62-68.	The first author
25	2014	G. F. Birkenmeier, M. Ghirati and A. Taherifar*: When is a Sum of Annihilator Ideals an Annihilator Ideal? Communications in Algebra 01/2014; 43(7)	The first author
26	2013	A. Taherifar: Annihilator Conditions related to the quasi-Baer Condition. Hacettepe Journal of Mathematics and Statistics 05/2013;1(45).	The first author
27	2013	A. R. Aliabada, F. Azarpanaha and A. Taherifar, Relative z -Ideals in Commutative Rings. Communications in Algebra 01/2013; 41(1):325-341.	The third author
28	2009	F. Azarpanah, A.Taherifar: Relative z -ideals in $C(X)$. Topology and its Applications 01/2009; 150:17111717.	The second author

Accepted papers:

#	Year	Authors, title, conference details	Your Contribution
1	2023	Z. Gharabagi and A. Taherifar*, Strongly Baer ideals and its applications, Journal of algebraic systems, 2024 to appear.	First author
2	2023	M.R. Ahmadizand, and A. Taherifar*, Topologically of some lattice of ideals and its applications, Slovaca Mathematica, 2024, to appear.	First author
3	2023	Ali Taherifar, Latifa Bedda and Abdelkarim Boua, some results on lattices involving special maps, Boletim da Sociedade Paranaense de Matemática, to appear.	Third author
4	2024	Maryam Ahmadi and Ali Taherifar, On the lattice of z^0 -ideals (resp., z -ideals) and its applications, Filomat journal, to appear.	First author

Submitted Papers and Preprints:

#	Year	Authors, title, conference details	Your Contribution
1	2024	T. Dube, and Ali Taherifar, ON A VARIANT OF EXTREMAL DISCONNECTEDNESS IN LOCALES AND spaces.	First author
2	2024	Ali Taherifar, Homotopic subsets of continuous functions.	First author

Conference Presentations

#	Year	Author s, title, conference details	Your Contribution	Any Recognition (best paper, invited plenary etc.)
1	2023	A. Taherifar, T.Dube, ring in which faithful ideals contain contably generated ideal faithful ideals	First author	Completely paper
2	2022	A. Taherifar, On some joint works with prof. Dube, South Africa, Unisa university.	First author	Completely paper
3	2019	A. Taherifar, some classes of ideals of $C(X)$ and λ , set theory topology and topological algebra, Russia	First author	Completely paper
4	2020	A. Taherifar, on the space of maximal ideals and its applications in ring theory, Iranian geometry, and topology, Ahvaz	First author	Completely paper
5	2021	A. Taherifar, some topological spaces via $C(X)$, Iranian geometry and topology, Yasouj	First author	Completely paper

Reviews for Zentralblat Math and MathScinet

1	2012	A. Taherifar, On the multiplicativity of CFC-spaces (Zbl 1270.54013).	Reviewer(Zentralblatmath)
2	2013	A. Taherifar, Sequential+ separable vs sequentially separable and another variation on selective separability (Zbl 1264.54045).	Reviewer(Zentralblatmath)
3	2014	A. Taherifar, Zariski spaces of modules (Zbl 1273.13019).	Reviewer(Zentralblatmath)
4	2014	A. Taherifar, C and C^* among intermediate rings (Zbl pre06231085).	Reviewer(Zentralblatmath)

5	2014	A. Taherifar, Comparing weak versions of separability (Zbl pre06237338).	Reviewer(Zentralblattmath)
6	2014	A. Taherifar. Compact spaces via p-closed subsets (MR3191275).	Reviewer(Mathscinet)
8	2015	A. Taherifar, A note on F-spaces (Zbl 06279945).	Reviewer(Zentralblattmath)
9	2015	A. Taherifar, The classical ring of quotients of $C(X)$ (Zbl).	Reviewer(Zentralblattmath)
10	2015	A. Taherifar. New topologies on the rings of continuous functions (MR3247714).	Reviewer(Mathscinet)
11	2015	Considering semi-clean rings of continuous functions (MR3349509).	Reviewer(Mathscinet)
11	2016	A. Taherifar. On the locally functionally countable sub algebra of $C(X)$, 2016 (MR3349509).	Reviewer(Mathscinet)
12	2017	on normal spaces of finite rank that guarantee $C(X)$ is SV (MR3512536).	Reviewer(Mathscinet)
13	2017	On maximal and minimal clopen sets (MR3585897).	Reviewer(Mathscinet)
14	2017	the λ -super socle of the ring of continuous functions (MR3620305).	Reviewer(Mathscinet)
15	2018	On maximal ideals of $C_c(X)$ and the uniformity of its localizations (MR3809150)	Reviewer(Mathscinet)
16	2019	On rings of real valued clopen continuous functions (MR3866081).	Reviewer(Mathscinet)
17	2020	e_c -filters and e_c -ideals in the functionally countable subalgebra of $C^*(X)$ (MR4019578).	Reviewer(Mathscinet)
18	2020	On countably uniform closed-spaces. (MR3969541).	Reviewer(Mathscinet)

19	2021	C^* -, C - and P -embedded subsets in products and the undecidability of a certain property on \mathbb{N} (MR4138431).	Reviewer(Mathscinet)
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Supervised Ph.D. Students:

[1] Hassan Saberi , Algebraic properties of some factor rings of $C(X)$, 2017	Yasouj University.
[2] Farank Golrizkhatam , Zero-sets and their applications, 2022	Yasouj university
[3] Maryam Ahmadi, On lattices of ideals of $C(X)$, 2024	Yasouj University

Supervised M.Sc. Students:

[1]. Hossein Zare, 2013, Yasouj University.
[2]. Sajedeh Hashemi, 2013, Yasouj University.
[3]. Shirin Bakhshaieshzadeh, 2013, Yasouj University.
[4]. Someyeh Shahosini, 2012, Yasouj University.
[5]. Fatemeh Alinaghian, 2014, Yasouj University.
[6]. Hadis Haidari, 2014, Yasouj University.
[7]. Maryam Karami, 2014, Yasouj University.
[8]. Maryam Hosini, 2015, Yasouj University.
[9]. Maryam Haiat Moghadam, 2016, Yasouj University.
[10]. Rozegar Bahmaeinejad, 2016, Yasouj University.
[11]. Maryam Fadimzadeh, 2017, Yasouj University.
[12]. Laila Alahiari, 2017, Yasouj university.
[13]. Maryam Gani, 2022, Yasouj university.
[14]. Ali Ahmadi, 2023, Yasouj University

Awards and Honors

[1]The best teacher in mathematics department of mathematics of Yasouj university, 2022 and 2023.
[2] The best teacher in the mathematics department of Yasouj university, 2014.
[3] The top student in the entrance Ph.D. Exam of Chamran University, 2006.
[4] The top master's student in Chamran University, 2003.
[5] The best researcher in the mathematics department of Yasouj university, 2016.
[6] Invited researcher as Research Professor for 3 months at Unisa University in South Africa.
[7] Invited speaker from Unisa University in 2016.
[8] Invited speaker from IPM Esfahan University, 2017.
[9] The best teacher of mathematics in the mathematics department of Yasouj university, 2018.
[10] He has won grant research funding from Yasouj university from 2014 until now.

Referee for the following journals.

[1] Journal of algebraic system.
[2] Commutative algebra journal.
[3] Filomat journal.
[4] Bulletin of the Iranian mathematics society journal.
[5] Questions Mathematica journal.
[6] Extensions of mathematics journal.
[7] Journal of algebra and its applications.
[8] Applied general topology.
[9] Communications in algebra.
[10] Africa mathematical journal.
[11] Slovaca mathematical journal.
[12] <u>Iranian Journal of Science and Technology, Transactions A: Science</u>
[13] Journal of topology and its applications.
[14] Indian journal of pure and applied mathematics.
[15] International Electronic Journal of Algebra
[16] Hacettepe journal of mathematics and statistics.
[17] Khayyam Journal of Mathematics.

Computer Experiences:

1. Latex.
2. Python programming language.
3. Python for machine learning.

University Administration:

1. The leader of geometry and topological group for 5 years in Yasouj University.
2. The education deputy of the faculty of Science for two years in Yasouj University.
3. The head of faculty of science for two years in Yasouj University.

Language Proficiency:

Language	Degree of Proficiency											
	Writing				Reading				Speaking			
	Native	Good	Fair	Poor	Native	Good	Fair	Poor	Native	Good	Fair	Poor
English		+				+				+		
Persian	+				+				+			