CURRICULUM VITAE

Bijan Taeri

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Personal:

- Birth date: March, 7, 1962
- Place of Birth: Kermanshah, Iran
- Nationality: Iranian
- Sex: Male
- Marital Status: Married

Education:

- Ph. D. 1994-1999, Mathematics, Isfahan University,
  Thesis Topic: Permutational properties in groups
- M. Sc. 1988-1990, Mathematics, Isfahan University
  Project Topic: Groups with virtually trivial automorphisms
- B. Sc. 1984-1988, Mathematics and computer science, Isfahan University of Technology

Academic Employment:

- Professor, 2008-..., Isfahan University of Technology
- Associate Professor, 2003- 2008, Isfahan University of Technology
- Assistant Professor, 1999- 2003, Isfahan University of Technology
- Lecturer, 1990-1999, Isfahan University of Technology

Teaching Experience:

- **Undergraduate Level:** Calculus I, II, III, Differential Equations, Engineering Mathematics, Partial Differential Equations, Set Theory, Linear Algebra, Applied Linear Algebra, Algebra I, II, III, Discrete Mathematics, Graph Theory, Mathematical Laboratories, Numerical Methods, Mathematical Softwares, Applied Algebra

- **Graduate Level:** Advanced Algebra, Finite Group Theory, Infinite Group Theory, Finite Fields, Representation and Characters of Finite Groups, Permutation Groups, Topics in Group Theory, Topics in Algebra, Linear Groups, Coxeter Groups, Advanced Mathematics for non-math students.

Research Experience:

1. On a problem arising from a question of Paul Erdos, Isfahan University of Technology, 1999-2000.

2. Some combinatorial conditions on groups, Isfahan University of Technology, 2000-2001.

3. On a question of Paul Erdos, Institute for Studies in Theoretical Physics and Mathematics (IPM), 2000-2001.

4. A combinatorial problem in variety of groups Institute for Studies in Theoretical Physics and Mathematics (IPM), 2001-2002.

5. Groups in which some equations have many solutions, Isfahan University of Technology, 2001-2002.

6. Groups with many permutable products, Isfahan University of Technology, 2002-2003.

7. Counting centralizers in finite groups, Isfahan University of Technology, 2002-2003.

8. Groups with combinatorial conditions on subsets, Isfahan University of Technology, 2004-2005.

9. Topological indices of nanotubes and rooted product of graphs, Center of Excellence of Algebraic Methods and Applications (CEAMA), 2006-2008.

10. Topological indices of some nanotubes and composite graphs Center of Excellence of Algebraic Methods and Applications (CEAMA), 2006-2008.

Research Interest:
- Algebra, Group Theory, Discrete structures, Algebraic graph theory, Applications of Algebra.

Honorary Activities:
- Reviewer of the American Mathematical Reviews

- Editorial member of International Journal of Group Theory

- Editorial member of Transactions on Combinatorics

- Editorial member of Iranian Journal of Mathematical Chemistry

- **Referee for**
  - Journal of Applied Mathematics & Computing. (Korean Society for Computational & Applied Mathematics and the Korean SIGCAM)
  - Applied Mathematics Letters (Elsevier Inc.)
  - Utilitas Mathematica (Univ. Natal Dept. Math. Appl. Math. Durban, South Africa)
  - Ars Combinatoria (Charles Babbage Res. Centre, Canada)
  - Bulletin of the Iranian Mathematical Society
  - Current Nano Science (Bentham Science Publishing)
  - Discrete Applied Mathematics (Elsevier Inc.)
  - Discrete Mathematics (Elsevier Inc.)
  - Discussiones Mathematicae Graph Theory (Technical University Press)
  - European Journal of Combinatorics (Elsevier Inc.)
  - Graphs and Combinatorics (Springer)
  - Iranian Journal of Mathematical Chemistry (University of Kashan)
  - International Journal of Nanoscience and Nanotechnology (International Research Publishing House)
  - International Journal of Combinatorics (Hindawi Publishing Corporation)
  - Journal Advanced Research in Pure Mathematics (Institute of Advanced Scientific Research, Inc.)
  - Journal of Nano Material (Hindawi Publishing Corporation)
  - MATCH Communications in Mathematical and in Computer Chemistry (University of Kragujevac)
  - Mathematics Scientific Journal (Islamic Azad University of Arak)
  - Journal of Sciences, Islamic Republic of Iran (University of Tehran)
  - Iranian Journal of Science and Technology (University of Shiraz)
  - Journal of Optoelectronics and Advanced Materials (INOE Publishing House)

- **Collaboration in Conference Organizing:**
  - Member of the Scientific and Administrative Committees of the 11th Algebra Seminar IRAN. (Isfahan 1999-2000)
  - Member of the Scientific Committee of the 3th International ISC Conference on Information Security and Cryptology (Isfahan 2004-2005)
  - Member of the Scientific and Administrative Committees of the 5th Seminar on Commutative Algebra and Related Topics IRAN. (Isfahan 2008)

- Member of the Scientific and Administrative Committees of the Workshop on the Recent Progress on the Ring and Module Theory IRAN. (Isfahan 2006)
- Member of the Scientific and Administrative Committees of the International Workshop on the Metric Graph Theory and Application IRAN. (Isfahan 2008)
- Member of the Scientific Committee of the 1th International Conference on Mathematical Chemistry (Tehran 2008)
- Member of the Scientific Committee of The 2th International Conference on Mathematical Chemistry (Kashan 2009)
- Member of the Scientific Committee of The 3th International Conference on Mathematical Chemistry (Tehran 2010)
- Member of the Scientific Committee of The Fourth International Conference on Group Theory of Iran (Isfahan, 2012)
- Member of the Scientific Committee of The First Iranian Conference on Chemical Graph Theory (Theran, 2010)

Professional Experience:

- Deputy of Graduate Studies, IUT Department of Mathematics (2002-2006)
- Member of Graduate Studies Committee, IUT Department of Mathematics (2002-2003)
- Member of research Committee, IUT Department of Mathematics (2002-2006)
- Member of Undergraduate Studies Committee, IUT Department of Mathematics (2003-2005)
- Member of Department Committee, IUT Department of Mathematics (2002-2005)
- Member of Graduate Studies Planning Committee, IUT (2004-2006)
- Head of the Center of Excellence for Mathematics, University of Isfahan (2005-2011)
- IUT distinguished research award (2007)
- Visiting Professor, University of Western Australia (October 2008- August 2009)
- Deputy of Research, IUT Department of Mathematics (2009-2011)
- Isfahan State distinguished research award (2011)
- IUT distinguished lecturer award (2012)
- Deputy of Graduate Studies, IUT Department of Mathematics (2017-2022)

- **Computer Skills:** Mathematics Softwares   GAP, MATHEMATICA, MAPLE, and various computer softwares

Supervised Ph. D. Students:

1- A. Ghorbani, (1999) Generalized Hopfian modules, Some Characterizations of Artinian rings, (Advisor)
2- M. Eliasi, (2008) Topological indices of some nanotubes and nanotorus and composite graphs
3- A. Heydari, (2008) On the topological Indices of nanotubes and rooted product of graphs
4- M. Arezoomand, (2015) n-Cayley graphs over finite groups
5- M. Amooshahi, (2015) Addition Cayley graphs and some of their properties

6- H. Ahmadi, (2015) On the join graph and the intersection graph of subgroups of a finite group
7- L. Mousavi, (2016) Characterization of finite groups by some of related graphs
8- Kh. Khedri, (2018) Character degree graph of finite groups
9- Z. Rezazadeh, (2018) Conjugation action of finite groups on certain subsets of subgroups
10- F. Tayanloo Beyg, (2019) Finite groups with a few non-abelian subgroups
11- Z. Mozafar, (2021) On the centralizer automorphisms of finite groups
12- Z. Bahrami, (2021) Join graph in the lattice of subgroups of a finite group

Supervised M.Sc. Students:

1- M. Yousefzade, (1999) Injective minimal rings, (Advisor)
2- M. Ghorbani, (2001) Unique factorization in Artinian modules, (Advisor)
3- K. Zaringhalami, (2000) Topics on locally graded groups
4- Sh. Askari, (2002) Noetherian rings which are finitely generated over their center, (Advisor)
5- F. Shamsini, (2003) Algebraic characterization of locally compact groups, (Advisor)
6- R. Keykhaee, (2003) Isomorphism of Cayley graphs of bounded valency
7- M. Jaberi, (2005) Cyclic and quadratic residue codes over ring Zpm
8- M. Moghadassi, (2006) Primitive polynomials with coefficients prescribed
9- M. Hamidi, (2004) Prime graph of simple groups
10- H. Mohamudi, (2004) Separation property of positive definite functions over locally compact groups
11- S. Gashti, (2004) Factorization in commutative rings, (Advisor)
12- A. Arfaanejad, (2007) Factoring polynomials over Galois rings and cyclic codes and Negacyclic codes
13- S. H. Shojaee, (2007) Primitive elements with zero traces
14- H. Ahmadi, (2008) The Graph of Conjugacy Classes of Finite Groups
15- M. Arezoomand, (2008) On the linear representations of symmetry goups of single-wall carbon nanotubes
16- A. Behtoei, (2008) Irreducible character graph of groups
17- Z. Amini, (2009) Frobenius groups with many involutions, (Advisor)
18- A. Safyanboldaji, (2011) On the number of centralizers in finite groups
19- M. A. Morshedlo, (2011) The structure of finite groups of conjugate Rank 2
20- F. Jamali, (2011) The energy of unitary Cayley graphs
21- M. Ahmadpour, (2012) The spectrum of semi-Cayley graphs over abelian groups
22- Kazem Shokri, (2012) Integral Cayley graphs over abelian groups
23- M. Aslanifar, (2012) Finite nonsolvable groups whose character graphs have no triangles
24- H. Zaherifar, (2012) Wiener index and its application on nonostractures
25- S. Akbari, (2012) On the distance spectra of graphs
26- M. Jahanbakhsh, (2012) Distance spectral radius of trees with fixed maximum degree
27- N. Poutbafrani, (2012) Distance spectral radius of trees with given matching number

28- M. Enteshari, (2012) Distance spectral radius of graphs with r pendant vertices
29- F. Karimi, (2012) Characterization of the finite simple group L16(2) by its prime graph, (Advisor)
30- R. Mandegari, (2013) Distance spectra and energy of integral circulant graphs
31- Z. Nosoohi, (2013) On unitary Cayley graphs of finite rings
32- Kh. Bacharinejad, (2013) On distance spectral radius and distance energy of graphs
33- P. Nikzad, (2013) Cayley sum graphs and eigenvalues of (3,6)-fullerenes
34- M. Sabeghinejad, (2013) One-matching bi-Cayley graphs over abelian groups
35- M. Adilipour, (2014) Connectivity of addition Cayley graphs
36- M. Varasteh, (2013) The distance spectra of Cayley graphs of Coxeter groups
37- S. Hedayat, (2014) Symplectic graphs modulo pq and p^n
38- S. M. Hossieni, (2014) Groups whose prime graph on conjugacy class sizes has few complete vertices
39- L. Jafari Taghvasani, (2014) On groups with given same-order types
40- E. Bampouri, (2015) Some Properties of Bi-Cayley Graphs
41- M. Ahmadi, (2016) The generating graph of some monolithic groups
42- N. Didban, (2016) On finite solvable groups whose cyclic p -subgroups of equal order are conjugate
43- M. Chenari, (2018) Addition Cayley and absorption Cayley graphs
44- A. Orak, (2018) Conjugation action of finite groups with on sets of subgroups
45- F. Mazroiee, (2018) Finite Groups with few TI-subgroups
46- A. Khadem, (2018) Groups with few non-nilpotent subgroups
47- H. Nourbakhsh, (2019) Co-maximal graphs of subgroups of groups
48- R. Chachazi, (2019) Subspace inclusion graph and nonzero component graph on a vector space
49- F. Salehi Rizi, (2019) Groups in which every non-abelian subgroup is self-centralizing
50- M. Eshraghi, (2020) Solvability of finite groups based on the sum of elements order
51- M. Hajian Motlagh, (2020) Finite groups with few non-cyclic subgroups
52- H. Esmaeli, (2021) On the sum of elements orders of a group
53- M. Afsharian, (2021) Upper bounds for sum of elements orders in non-cyclic finite groups

List of publications:

1- A property equivalent to n-permutability, J. Algebra **221** (1999) 570-578. (with A. Abdollahi, A. Mohammadi Hassanabadi)

2- A condition on finitely generated soluble groups, Comm. Algebra **27** No. 11 (1999)5633-5638. (with A. Abdollahi)

3- Some conditions on infinite subsets of infinite groups, Bull. Malaysian Math. Soc. (Second Series) **22** (1999) 87-93. (with A. Abdollahi)

4- A condition on certain variety of groups, Rend. Sem. Mat. Univ. Padova Vol.**104** (2000) 129-134. (with A. Abdollahi)

5- On a class of infinite rings, Algebra Colloq. **8**:2 (2001) 153-157. (with A. Abdollahi)

6- An n-Rewritability criterion for infinite groups, Comm. Algebra. **29**(4), (2001) 571-1581. (with A. Abdollahi, A. Mohammadi Hassanabadi)

7- A combinatorial condition on certain variety of groups, Arch. Math. **77** (2001) 456-460.

8- A question of Paul Erdos and nilpotent-by-finite groups, Bull. Aus. Math. Soc. **64**(2001) 245-254.

9- On a combinatorial problem in group theory, Southeast Asian Bull. Math. **26**(2003) 1029-1039.

10- On a class of residually finite group, Bull. Malaysian Math. Soc. (Second Series) **26** (2003) 209-219.

11- On finite groups with a certain number of centralizers, J. Appl. Math. & Computing. **17** (2005) No. 1-2, 217-227 (with A. Ashrafi)

12- On a permutablity problem for groups, J. Appl. Math. & Computing. **20** (2006) No. 1-2, 75-96.

13- On Finite Groups with exactly seven element centralizers, J. Appl. Math. &Computing. **22** (2006) No. 1-2, 403-410. (with A. Ashrafi)

14- Szeged and Balaban indices of zigzag polyhex nanotubes, MATCH Commun. Math. Comput. Chem. **56**(2) (2006) 383-402. (with M. Eliasi)

15- Wiener and Schultz indices of TUC4C8(R) nanotubes, J. Comp. Thoer. NanoSci.**4**(1) (2007) 158-167. (with A. Heydari)

16- Szeged index of TUC4C8(R) nanotubes, MATCH Commun. Math. Comput. Chem.**57**(1) (2007) 463-477. (with A. Heydari)

17- Wiener and Schultz indices of TUC4C8(S) nanotubes, MATCH Commun. Math.Comput. Chem. **57**(2) (2007) 665-676. (with A. Heydari)

18- Balaban index of zigzag polyhex nanotorus, J. Comp. Thoer. NanoSci. **4**(6) (2007)1174-1178 (with M. Eliasi)

19- Hyper Wiener index of zigzag polyhex nanotorus, Ars Combinatoria **85** (2007) 307-318. (with M. Eliasi)

20- Schultz index of zigzag polyhex nanotubes, Utilitas Mathematica **74**(2007) 55-64. (with M. Eliasi)

21- Extension of Wiener index and Wiener polynomial, Appl. Math. Lett. 21 (2008) 916-921. (with M. Eliasi)

22- Szeged index of armchair polyhex nanotubes, MATCH Commun. Math. Comput.Chem. 437-450 **59**(2) (2008). (with M. Eliasi)

23- Hyper Wiener index of TUC4C8(R) nanotubes, J. Comp. Thoer. NanoSci. **5**(11) (2008) 2275-2279. (with A. Heydari)

24- The Full non-rigid Group Theory for TBA (Tert-Butyl Alcohol), J. Iranian Chem.Soc. **5** (3) (2008) 514-518. (with M. Arezoomand)

25- Hosoya Polynomial of zigzag polyhex nanotorus, J. Serbian Chem. Soc. **73**(3) (2008) 311-319 (JSCS-3713). (with M. Eliasi)

26- An operation based on complete graphs with an application to the line graphs of trees, (with A. Heydari) To appear in Ars Combinatoria

27- Characterization of 3-rewritable finite nilpotent groups, Comm. Algebra **37** (2009) 894-922.

28- On finite groups with two irreducible character degrees, Bull. Iranian Math. Soc.**34** (2) (2008) 39-47. (with A. Heydari)

29- Distance in zigzag polyhex nanotorus, J. Theor. Comput. Chem. **7** (5) (2008) 1029-1039. (with M. Eliasi)

30- Hyper Wiener index of zigzag polyhex nanotubes, ANZIAM J. **50** (2008) 75-86. (with M. Eliasi)

31- The Schultz polynomial of zigzag polyhex nanotubes, Asian J. Chem. **21** (2) (2009) 931-941. (with M. Eliasi)

32- On characteristic polynomial of special class of graphs and spectra of balanced trees, Linear Algebra Appl. **429** (2008) 1744-1757. (with A. Heydari)

33- The Full Non-rigid Group Theory of cis-tetraamminedichlorocobalt (III), Asian J. Chem. **21** (2) (2009), 869-878. (with M. Arezoomand)

34- On finite groups with some conditions on subsets, Bull. Malays. Math. Sci. Soc. **32** (1) (2009) 63-73.

35- Szeged index of TUC4C8(S) Nanotubes, European J. Combin. **30** (2009) 1134-1141. (with A. Heydari)

36- Four new sums of graphs and their Wiener indices, Disc. Appl. Math. **157** (2009) 794-803. (with M. Eliasi)

37- Schultz polynomials of composite graphs, Appl. Anal. Discrete Math. **2** (2008) 258-296. (with M. Eliasi)

38- On the Wiener index of rooted product of graphs, Ars. Combin. In press 40.

39- Quadratic residue codes over Z9, J. Korean Math. Soc. **46** (1) (2009) 13-30.

40- The full symmetry and irreducible representations of nanotori, Acta Cryst. **A65** (2009) 249-252. (with M. Arezoomand)

41- Distance in Armchair Polyhex Nanotubes, MATCH Commun. Math. Comput. Chem. **62** (2009) 295-310. (with M. Eliasi)

42- Full Non-Rigid Group of Di-mu-oxo-bis (tetraamine manganese (II)) as a Wreath Product, MATCH Commun. Math. Comput. Chem. 62 (2009) 275-284. (with M. Arezoomand)

43- Maximum Zagreb index, minimum hyper-Wiener index and graph connectivity, Applied Mathematics Letters **22** (2009) 1571-1576. (with A. Behtoei and M. Jannesari)

44- A mathematical model for TUC4C8(S) nanotubes and their symmetry groups, J. Geom. Phys. 59 (2009) 1168-1174. (with M. Arezoomand)

45- Full non-rigid group of 2,3 ,5, 6-Tetramethylepyrazine as wreath product, J. Appl. Math. & Informatics 27 (2009), 3-4, 915 - 931. (with M. Arezoomand)

46- Distance in Zigzag Polyhex Nanotubes, Current NanoScience, **5**(4) (2009) 514-518. (with M. Eliasi)

47- On the characteristic and Laplacian polynomials of trees, Linear Algebra and its Applications, **432** (2010) 661-669. (with A. Heydari)

48- A characterization of block graphs, Discrete Appl. Math. **158** (2010) 219-221. (with A. Behtoei and M. Jannesari)

49- Some new relations between Wiener, hyper-Wiener, first and second Zagreb indices, MATCH Commun. Math. Comput. Chem. 65(1) (2011) 27-32. (with A. Behtoei and M. Jannesari)

50- Generalization of topological Indices, MATCH Commun. Math. Comput. Chem. 65(1) (2011) 71-78. (with A. Behtoei and M. Jannesari)

51- On the Distance-based topological indices of polyhex nanotori, MATCH Commun. Math. Comput. Chem. 65(1) (2011) 241-248. (with M. Arezoomand)

52- Cycles and bipartite graph on conjugacy class of groups, Rend. Sem. Mat. Univ. Padova. 123 (2010) 233-247.

53- A new method for computing the Wiener index of polyhex nanotorus, J. Comp. Thoer. NanoSci. 8(1) (2011) 2350-2355. (with M. Arezoomand)

54- On Szeged polynomial of graphs with even number of vertices, Ars Combin. 117 (2014) 147-153. (with M. Eliasi)

55- Applications of generalized hierarchical product of graphs in computing the Szeged index of chemical graphs, MATCH Commun. Math. Comput. Chem. 64(3) (2010) 951-602. (with M. Arezoomand)

56- On a Graph Associated to Groups, Bull. Malaysian Math. Soc. (Second Series) 34(3) (2011) 553-560. (with M. Mashkouri)

57- Wiener index some graph operations, Discrete Appl. Math. 160 (2012) 1333-1344. (with M. Eliasi, G. Raeisi)

58- On the Wiener index of rooted product of graphs Ars Combin, 111 (2013) 257-264 (with A. Heydari)

59- On the characteristic polynomial of n-Cayley digraphs, Electronic J. Combin.20 (2013) no. 3 paper 57, 14 pp. (with M. Arezoomand)

60- Zagreb Indices of Generalized Hierarchical Product of Graphs, 140 (2013) 131-140. (with M. Arezoomand)

61- On the Domination and Total Domination Numbers of Cayley Sum Graphs over Z_n, Kragujevac Journal of Mathematics, 38 (2014), no 2. 315-320. (with M. Amooshahi)

62- On the planarity of a graph related to the join of subgroups of a finite group, Bull. Iranian Math. Soc. **40** (2014), no. 6, 1413-1431. (with M. Ahmadi)

63- Cayley sum color and anti-circulant graphs, Linear Algebra Appl. 466 (2015), 409-420. (with M. Amooshahi)

64- Normality of 2-Cayley digraphs, Discrete Math. **338** (2015), no. 3, 41-47. (with M. Arezoomand)

65- Isomorphisms of Finite Semi-Cayley Graphs, Acta Math. Sin. (Engl. Ser.) **31** (2015), no. 4, 715-730. (with M. Arezoomand)

66- Planarity of the intersection graph of subgroups of a finite group, J. Algebra Appl. **15** (2016), no. 3, 1650040, 19 pp. (with M. Ahmadi)

67- A classification of finite groups with integral bi-Cayley graphs, Trans. Comb. **4** (2015), no. 4, 55-61. (with M. Arezoomand)

68- On Cayley Sum Graphs of Non-Abelian Groups, Graphs Combin. **32** (2016), no. 1, 17-29. (with M. Amooshahi)

69- Finite groups with regular join graph of subgroups, J. Algebra Appl. **15** (2016), no. 9, 1650170, 10 pp. (with M. Ahmadi)

70- Finite BCI-groups are solvable, Int. J. Group Theory **5** (2016), no. 2, 1-6. (with M. Arezoomand)

71- A charaterization of L_2(81) by NSE, Int. J. Group Theory **5** (2016), no. 1, 29-35. (with L. Mousavi)

72- On integral Cayley sum graphs, Indian J. Pure Appl. Math. **47** (2016), no. 4, 583-601. (with M. Amooshahi)

73- Which elements of a finite group are non-vanishing, Bull. Iranian Math. Soc. **42** (2016), no. 5, 1097-1106. (with M. Arezoomand)

74- NSE characterization of some linear groups. Bull. Iranian Math. Soc. **43** (2017), no. 5, 1531-1542. (with N. Ahanjideh and L. Mousavi)

75- Characterization of A5 and SL(25) by the number of conjugacy classes of non-cyclic subgroups, Comm. Algebra, 11 (2017) 4605-4609. (with M. Rezazadeh)

76- Finite groups admitting a connected cubic integral bi-Cayley graph, Algebraic Structures and Their Applications **(5)** 2 (2018) pp 35-43. (with M. Arezoomand)

77- Finite groups with K5-free prime graphs, Comm. Algebra, 47 (2019), no. 7, 2577-2630. (with Z. Akhlaghi and Kh. Khedri)

78- Finite groups with a unique non-abelian proper subgroup, J. Algebra Appl. **18** (2019), no. 11, 1950210, 13 pp. (with F. Tayanloo-Beyg)

79- Further results on the join graph of a finite group, Turkish J. Math. **43** (2019), no. 5, 2097-2113. (with Z. Bahrami)

80- Acentralizers of Abelian groups of rank 2, Hacet. J. Math. Stat. **49** (2020), no. 1, 273-281. (with Z. Mozafar)

81- Characterization of finite groups with a unique non-nilpotent proper subgroup, Int. J. Group Theory **10** (2021), no. 1, 47-53. (with F. Tayanloo-Beyg)

82- Finite non-nilpotent groups with two conjugacy classes of non-normal non-cyclic subgroups, Publ. Math. Debrecen **96** (2020), no. 3-4, 459-474. (with R. Brandl, and Z. Rezazadeh)

83- Extremal Zagreb indices of graphs of order n with p pendent vertices, MATCH Commun. Math. Comput. Chem. **86** (2021) 17-28. (with M. Enteshari)

84- Finite groups with three nonabelian subgroups, Turkish J. Math. **45** (2021), no. 6, 2393-2405. (with F. Tayanloo-Beyg)

85- Some results on the join graph of finite groups, Int. J. Group Theory **10** (2021), no. 4, 175-186. (with Z. Bahrami)

86- Acentralizers of groups of order p^3, J. Algebraic S ,ystems**11** (2023), no. 1, 37-43. (with Z. Mozafar)

87- Acentralizers of some finite groups, Kragujevac Journal of Mathematics.To appear ,

Papers in Seminars and Conferences:

1- B. Taeri, FC-groups with a condition on infinite subsets, 27-29 October, 1999, 11th Seminar on Algebra, Isfahan, Iran, pp 272-278.

2- A. Abdollahi, B. Taeri, A combinatorial condition on infinite subsets of infinite groups, 27-29 October, 1999, 11th Seminar on Algebra, Isfahan, Iran, pp 1-10.

3- A. Abdollahi, B. Taeri, A combinatorial condition on infinite rings, 27-30 August 2000, 31th Iranian Mathematics Conference, Tehran, pp 23-27.

4- On a class of finitely generated soluble groups, 19-20 July 2003, 11th Algebra Seminar Gulian University, pp 107-123.

5- A. Ashrafi, B. Taeri, Classification of finite groups by the number of element centralizers, 30-6 July 2005, August Groups St Andrews pp 148-157.

6- M. Eliasi, B. Taeri, Szeged and Balaban indices of zigzag polyhex nanotubes, 21-22 February 2007, 1st Conference of Nanotechnology in Environment, Isfahan, pp 129-145.

7- A. Heydari, B. Taeri, Wiener and Schultz indices of C_4C_8 nanotubes, 21-22 February 2007, 1st Conference of Nanotechnology in Environment, Isfahan, pp 146-162.

8- M. Eliasi, B. Taeri, Recent results on topological indices of nanotubes, 10-12 April 2007, First Sharjah, International Conference on Nanotechnology and its applications, Sharjah, pp 243-249.

Books:

1- Differential Equations (Including Mathematical Laboratory, MATHEMATICA and MAPLE) [in Persian], 1999, Jehad. (Distinguished Book Award, Isfahan State, 2002)

2- Engineering Mathematics [in Persian], 2001, Jehad.

3- The Foundations of Algebra (Including Mathematical Laboratory, GAP) [in Persian], 2003, Isfahan University of Technology. (Distinguished Book Award, Tehran University, 2003)

4- Calculus Laboratories with MATHEMATICA [in Persian], 2007, Jehad.

5- A Textbook of Graph Theory [translation from English], 2008, Jehad.

6- Mathematics for engineers and scientists [in Persian], 2012, Jehad. (Distinguished Book Award, Isfahan State, 2012)

7- Elements of Matrices and linear algebra [in Persian], 2013, Isfahan University of Technology

8- Group Theory, [in Persian], 2013, Jehad. (Distinguished Book Award, Isfahan State, 2013)

9- Elements of algebra [in Persian], 2014, Jehad.