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Educational History:

B.Sc. in Mathematics - University of Isfahan - Iran. (1992-1996)

M.Sc. in Mathematics - University of Isfahan - Iran. (1996-1997)

Title of M.Sc. Thesis: Some results and problem arising from a question of Paul Erdos

Supervisor: Prof. A. Mohammadi Hassanabadi

First Ph.D. in Mathematics - University of Isfahan - Iran. (1997-2000)

Title of Thesis: **Some combinatorial conditions on groups**

Supervisor of First Ph.D.: Prof. A. Mohammadi Hassanabadi

Second Ph.D. in Mathematics - [Universite de Provence, CMI](#) France (October 2000-June 2001)

Title of Thesis: [Quelques conditions d'Engel dans certaines classes de groupes.](#)

(In English: Some Engel conditions in certain classes of groups)

Supervisor of Second Ph.D.: Prof. Gerard Endimioni

Employment:

Assistant Professor, [Department of Mathematics](#), [University of Isfahan](#), 2001-2005.

Associate Professor, [Department of Mathematics](#), [University of Isfahan](#), 2005-2009.

Professor, [Department of Mathematics](#), [University of Isfahan](#), 2009-.

Courses Taught:

1. Algebra 1
2. Linear Algebra
3. Advanced Algebra
4. Topics in Group Theory
5. Coding Theory
6. Topics in Ring Theory
7. Graph Theory
8. Algebra 3

Research Interests:

1. Combinatorial conditions on finite and infinite subsets of groups and rings
2. Engel elements in groups
3. Non-inner automorphisms of order p in finite p -groups
4. Integral Cayley graphs and one-factorizations in Cayley graphs
5. Non-Commuting graph, non-nilpotent graph, Engel graph, non-cyclic graph of groups

Mathematics Subject Classifications (2000): [20](#); [16](#); [05](#); [20F45](#); [20D60](#); [20D45](#).

Professional Experience :

Head of Mathematics Department, University of Isfahan 2004-2006.

Head of Graduate Studies of University of Isfahan, 2006-2009.

Member of Scientific Committee of Mathematics Section of Institute for Studies in Fundamental Sciences (IPM), 2007-2009.

Head of Research Affairs of University of Isfahan, 2009-2011.

Head of the Center of Excellence for Mathematics, University of Isfahan, 2008-2011.

Dean of administrative and finance affairs of University of Isfahan, 2011-2014.

AWARDS and Honors:

1. First grade student in B.Sc.
2. First grade student in M.Sc.
3. First grade student in Ph.D.
4. Second prize in Alkharazmi young festival 1999.
5. First prize in Sheikh Bahaei festival 1999.
6. Ten months scholarship from France government. Selected by Institute for Studies in Theoretical Physics and Mathematics ([IPM](#)) for this scholarship.
7. Selected by Internatinal Mathematical Union ([IMU](#)) for a grant to attendance in Internatinal Congress of Mathematicians ([ICM](#)) 2002 in [China-Beijing](#).
8. Scholarship from the **abdus salam** international centre for theoretical physics ([ICTP](#)) in Italy-Trieste for passing one month in the centre from 24 July 2003 to 24 August 2003.
9. Awarded to become a [Junior Associate](#) of ICTP for the period 2003-2008.
10. Distinguished researcher in basic sciences of the University of Isfahan (2005-2006).
11. Distinguished lecturer of 2006-2007 in Faculty of Sciences in University of Isfahan.

12. Received "[Institute for Studies in Theoretical Physics and Mathematics \(IPM\) Young Mathematician Prize of 2005.](#)"

13. Head of distinguished Center of Excellence in Basic Sciences (Selected by Ministry of Science and Education) 1388 (2010).

Honorary Activities:

1. Reviewer of [Zentralblatt MATH.](#)

2. Reviewer of [the American Mathematical Reviews.](#)

3. Editor-in-Chief of [International Journal of Group Theory.](#) To submit a paper one must first [register in the Online Editorial System of IJGT.](#)

4. Editor-in-Chief of [Transactions on Combinatorics.](#) To submit a paper one must first [register in the Online Editorial System of TOC.](#)

5. Referee for

a) Algebra Colloquium. (World Scientific).

b) Journal of Applied Mathematics & Computing. (Korean Society for Computational & Applied Mathematics and the Korean SIGCAM)

c) Communications in Algebra (Taylor & Francis)

d) [Far East Journal of Mathematical Sciences \(FJMS\)](#) (Pushpa Publishing House)

e) Bulletin of the Malaysian Mathematical Sciences Society

f) Linear Algebra and its Applications (Elsevier Inc.)

g) Journal of Sciences, Islamic Republic of Iran (University of Tehran)

h) International Electronic Journal of Algebra (Int. Electron. J. Algebra, Turkey)

i) Utilitas Mathematica (Univ. Natal Dept. Math. Appl. Math. Durban, South Africa)

j) Ars Combinatoria (Charles Babbage Res. Centre, Canada)

k) Journal of Group Theory (Walter de Gruyter)

l) Frontiers of Mathematics in China (Springer Heidelberg)

m) Publicationes Mathematicae Debrecen (The [Institute of Mathematics, University of Debrecen](#), Hungary)

n) International Journal of Mathematics and Mathematical Sciences (Hindawi Publishing Corporation)

p) Acta Mathematica Sinica (Institute of Mathematics, Chinese Academy of Sciences and Chinese Mathematical Society, published by Springer)

q) Journal of Algebra (Elsevier Inc.)

r) Bulletin of the Iranian Mathematical Society

s) American Mathematical Monthly

t) Journal of Algebraic Combinatorics (Springer)

Collaboration in Conference Organizing:

- 1) Member of the Scientific and Administrative Committees of [The first Two-Days Group Theory Seminar in IRAN.](#)
- 2) Member of the Scientific Committee of the [20th Seminar on Algebra of IRAN.](#)
- 3) Member of the Scientific Committee of [The Second Group Theory Conference in IRAN, Mashhad.](#)
- 4) Member of the Scientific Committee of [The Third Conference and Workshop on Group Theory, IRAN, Tehran.](#)
- 5) Member of the Scientific Committee of [The First Biennial International Group Theory Conference 2011, Malaysia, Johor Bahru.](#)
- 6) Member of the Scientific and Organizing Committee of [The Third Algebraic Combinatorics Conference of Iran, 2011, University of Isfahan.](#)

- 7) Member of the Scientific Committee of [The Fourth Group Theory Conference of IRAN, Isfahan Payame Noor University, March 7-9, 2012.](#)
- 8) Member of the Scientific Committee of [The Fifth Group Theory Conference of IRAN, Islamic Azad University, Mashhad- Iran, March 13-15, 2013.](#)
- 9) Member of the Scientific Committee of [The 23th Algebra Seminar of IRAN, Khansar Faculty of Computer and Mathematics, Khansar- Isfahan, Iran, November 21-22, 2013.](#)
- 10) Member of the Scientific Committee of [the 6th National Mathematics Conference of Payam Noor University, Isfahan, Iran, 5-6 March 2014.](#)
- 11) Member of the Scientific Committee of [The Sixth Group Theory Conference of IRAN, Golestan University, Gorgan, March 12-13, 2014.](#)
- 12) Member of the Scientific Committee of [The 7th Group Theory Conference of IRAN and 3rd Biennial International Group Theory Conference, Ferdowsi University of Mashad, Mashhad, 28-31 January, 2015.](#)
- 13) Member of the Scientific Committee of [The 8th Group Theory Conference of IRAN, University of Tabriz, Tabriz, 3-5 February, 2016.](#)
- 14) Member of the Scientific Committee of [The 4th Biennial International Group Theory Conference, Malaysia, Kuala Lumpur, Universiti Teknologi Malaysia, 23-26 January, 2017.](#)
- 15) Member of the Scientific Committee of [The 9th Group Theory Conference of IRAN, University of Kashan, Kashan, 1-3 February, 2016.](#)
- 16) Member of the Scientific Committee of [The 10th Group Theory Conference of IRAN, Kharazmi University, Tehran, 24-26 January, 2018.](#)

[See My Researcher ID](#)

[See my Scopus Preview Author](#)

[See my papers in Google Scholar](#)

Papers:

Published or Accepted in 2018

100. Alireza Abdollahi and Z. Taheri, Zero divisors and units with small supports in group algebras of torsion-free groups, *Communications in Algebra*, 46 No. 2 (2018) 887-925. [\[PDF\]](#)

Published or Accepted in 2017

99. Alireza Abdollahi and H. Mousavi, Finite nilpotent groups whose cyclic subgroups are TI-subgroups, *Bull. Malays. Math. Sci. Soc.*, 40 (2017) 1577-1589. [\[PDF\]](#)

98. Alireza Abdollahi, B. Daoud, M. D. G. Farrokhi and Y. Guerboussa, Groups of prime generalized exponent, *International Journal of Algebra and Computation*, 27 No. 7 (2017) 849-862. [\[PDF\]](#)

97. Alireza Abdollahi, Groups of prime power orders covered by a certain number of proper subgroups, to appear in *Bulletin of the Iranian Mathematical Society*. [\[PDF\]](#)

96. Alireza Abdollahi, R. Woodroffe and G. Zaimi, Frankl's Conjecture for subgroup lattices, *Electronic Journal of Combinatorics*, 24, No. 3 (2017), #P3.25. [\[PDF\]](#)

95. Alireza Abdollahi, M. Arezoomand, Finite nilpotent groups that coincide with their 2-closures in all of their faithful permutation representations, to appear in *Journal of Algebra and Its Applications*. [\[PDF\]](#)

94. Alireza Abdollahi, M. Ghuedri and Y. Guerboussa, Non-triviality of Tate cohomology for certain classes of finite p -groups, *Communications in Algebra*, 45, No. 12 (2017), 5188-5192. [\[PDF\]](#)

93. Alireza Abdollahi, M. Jazaeri and Edwin R. van Dam, Distance-regular Cayley graphs with least eigenvalue -2 , *Designs, Codes and Cryptography*, 84 No. 1 (2017) 73-85. [\[PDF\]](#)

92. Alireza Abdollahi, S. M. Ghorraishi and M. Ahmadi, Finite p -groups with the least number of outer p -automorphisms, *Journal of Algebra and Its Applications*, Vol. 16, No. 5 (2017) 1750111 (12 pages). [\[PDF\]](#)

91. Alireza Abdollahi and S. M. Ghoraiishi, On noninner automorphisms of 2-generator finite p -groups, *Comm. Algebra*, Vol. 45, No. 8 (2017) 3636-3642. [\[PDF\]](#)

90. Alireza Abdollahi, Sh. Janbaz and M Ghahramani, A large family of cospectral Cayley graphs over dihedral groups, *Discrete Mathematics*, Vol. 340 (2017) 1116-1121. [\[PDF\]](#)

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89. Alireza Abdollahi and M. Jazaeri, Integral graphs with distinct eigenvalues, to appear in *Ars Combinatoria*. [\[PDF\]](#)

88. Alireza Abdollahi, Sh. Janbaz and M. Jazaeri, Groups all of whose undirected Cayley graphs are determined by their spectra, *Journal of Algebra and Its Applications*, Vol. 15, No. 9 (2016) 1650175 (15 pages) . [\[PDF\]](#)

87. **Alireza Abdollahi** and Amir Loghman, Cayley graphs isomorphic to the product of two Cayley graphs, *Ars Combinatoria*, 126 (2016) 301-310. [\[PDF\]](#)

Published in 2015

86. Alireza Abdollahi and M. Zallaghi, Character sums for Cayley graphs, *Comm. Algebra*, 43 (2015) 5159-5167. [\[PDF\]](#)

85. Alireza Abdollahi, Sh. Janbaz and M. R. Oboudi, Distance between spectra of graphs, *Linear Algebra and its Applications*, Vol. 466 (2015) 401-408. [\[PDF\]](#)

84. Alireza Abdollahi, Non-solvable groups generated by involutions in which every involution is left 2-Engel, *Journal of Group Theory*, Vol. 18 No. 1 (2015) 111-114. [\[PDF\]](#)

Published in 2014

83. A. Tavakoli, A. Rejali, A. Yousofzadeh and Alireza Abdollahi, A note about configuration of a group, *MATEMATIKA*, Vol. 30, No. 2 (2014) 117-121. [\[PDF\]](#)

82. Alireza Abdollahi, Sh. Janbaz and M. R. Oboudi, Cospectrality measures of graphs with at most six vertices, *Journal of Algebraic Structures and their Applications*, Vol. 1 No. 1 (2014) 57-67. [\[PDF\]](#)

81. Alireza Abdollahi and S. M. Ghoraiishi, p -Groups for which each outer p -automorphism centralizes only p elements, *Glasnik Matematički* Vol. 49(69) (2014) 119 -122 [\[PDF\]](#)

80. Alireza Abdollahi and Shahrooz Janbaz, Connected graphs cospectral with a Friendship graph, *Trans. Comb.*, 3 No. 2 (2014) 17-20. [\[PDF\]](#)
79. Alireza Abdollahi and Mohammad Reza Oboudi, Cospectrality of graphs, *Linear Algebra and its Applications*, 451 (2014) 169-181. [\[PDF\]](#)
78. Alireza Abdollahi, S. M. Ghoraiishi, Y. Guerboussa, M. Reguiat and B. Wilkens, Noninner automorphisms of order p for finite p -groups of coclass 2, *Journal of Group Theory*, 17 (2014) 267-272. [\[PDF\]](#)
77. Alireza Abdollahi and S. M. Ghoraiishi, On noninner 2-automorphisms of finite 2-groups, *Bulletin of the Australian Mathematical Society*, 90 No. 2 (2014) 227-231. [\[PDF\]](#)
76. Alireza Abdollahi and M. Jazaeri, Groups all of whose undirected Cayley graphs are integral, *European Journal of Combinatorics* 38 (2014) 102-109. [\[PDF\]](#)
75. Alireza Abdollahi, Groups with maximal irredundant covers and minimal blocking sets, *Ars Combinatoria* 113 (2014) 337-339. [\[PDF\]](#)
74. Alireza Abdollahi and Hamid Shahverdi, Non-commuting graphs of nilpotent groups, *Communications in Algebra* 49 No. 9 (2014) 3944-3949. [\[PDF\]](#)

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73. Alireza Abdollahi, Shahrooz Janbaz and Mohammad Reza Oboudi, Graphs cospectral with a friendship graph or its complement, *Trans. Comb.*, 2 No. 4 (2013) 37-52. [\[PDF\]](#)
72. Alireza Abdollahi and S. M. Ghoraiishi, Noninner automorphisms of finite p -groups leaving the center elementwise fixed, *Int. J. Group Theory*, 2 no. 4 (2013) 17-20. [\[PDF\]](#)
71. Alireza Abdollahi and S. M. Ghoraiishi and Bettina Wilkens, Finite p -groups of class 3 have noninner automorphisms of order p , *Contributions to Algebra and Geometry*, 54 No. 1 (2013) 363-381. [\[PDF\]](#)
70. Alireza Abdollahi and M. Jazaeri, On groups admitting no integral Cayley graphs besides complete multipartite graphs, *Appl. Anal. Discrete Math.* 7 (2013), 119-128. [\[PDF\]](#)
69. Alireza Abdollahi, S. Akbari, H. Dorbidi and H. Shahverdi, Commutativity pattern of finite non-abelian p -groups determine their orders, *Communications in Algebra*, 41 No. 2 (2013) 451-461. [\[PDF\]](#)
68. Alireza Abdollahi and A. Loghman, On one-factorizations of replacement products, *Filomat*, 27: 1 (2013) 57-63. [\[PDF\]](#)

Published in 2012

67. Alireza Abdollahi, Determinants of adjacency matrices of graphs, Trans. Comb. 1 No. 4 (2012) 9-16. [\[PDF\]](#)

66. Alireza Abdollahi and H. Shahverdi, Characterization of the alternating group by its non-commuting graph, Journal of Algebra, 357 (2012) 203-207. [\[PDF\]](#)

64. A. Tavakoli, Alireza Abdollahi, H.E. Bell, Rings with a setwise polynomial-like condition, Bulletin of the Iranian Mathematical Society 38 No. 2 (2012) 305-311. [\[PDF\]](#)

Published or Accepted in 2011

63. Alireza Abdollahi, R. Brandl and A. Tortora, Groups generated by a finite Engel set, Journal of Algebra 347 (2011) 53-59. [\[PDF\]](#)

64. Alireza Abdollahi and Francesco G. Russo, On a problem of P. Hall for Engel words, Arch. Math. (Basel) 97 (2011) 407-412. [\[PDF\]](#)

62. Alireza Abdollahi, Cohomologically trivial modules over finite groups of prime power order, Journal of Algebra 342 (2011) 154-160. [\[PDF\]](#)

61. Alireza Abdollahi and E. Vatandoost, Integral quartic Cayley graphs of abelian groups, The Electronic Journal of Combinatorics 18 (2011), #P89. [\[PDF\]](#)

60. Alireza Abdollahi, Engel elements in groups, London Mathematical Society Lecture Note Series: 387, Groups St Andrews 2009 in

Bath, Volume 1, Cambridge University Press, 2011, pp. 94-117. [\[PDF\]](#)

Published or Accepted in 2010

59. Alireza Abdollahi, A. Faghihi, S.A. Linton and E.A. O'Brien, Finite 3-groups of class 3 whose elements commute with their automorphic images, Arch. Math. (Basel) 95 No.1 (2010) 1-7. [\[PDF\]](#)

58. Alireza Abdollahi and H. Khosravi, Right 4-Engel elements of a group, Journal of Algebra and Its Applications 9 (2010) 763-769. [\[PDF\]](#)

57. Alireza Abdollahi, Powerful p -groups have noninner automorphisms of order p and some cohomology, *Journal of Algebra* 323 (2010) 779-789. [\[PDF\]](#)
56. Alireza Abdollahi and H. Khosravi, On the right and left 4-Engel elements, *Communications in Algebra* 38 No. 3 (2010) 933-943. [\[PDF\]](#)
55. Alireza Abdollahi, A. Azad, A. Mohammadi Hassanabadi and M. Zarrin, On the clique number of non-commuting graphs of certain groups, *Algebra Colloquium* 17 No. 4 (2010) 611-620. [\[PDF\]](#)
54. Alireza Abdollahi and M. Zarrin, Non-nilpotent graph of a group, *Communications in Algebra*, 38 No. 12 (2010) 4390-4403. [\[PDF\]](#)

Published or Accepted in 2009

53. Alireza Abdollahi and E. Vatandoost, Which Cayley graphs are integral?, *The Electronic Journal of Combinatorics* 16 (2009), #R122. [\[PDF\]](#)
52. Alireza Abdollahi and A. Mohammadi Hassanabadi, Non-cyclic graph associated with a group, *Journal of Algebra and Its Applications*, 8 No. 2 (2009) 243-257. [\[PDF\]](#)
51. Alireza Abdollahi and A. Tavakoli, A note on centrality in infinite groups, *Southeast Asian Bulletin of Mathematics*, 33 (2009) 207-208. [\[PDF\]](#)
50. Alireza Abdollahi, H.R. Maimani and R. Torabi, On the automorphism group of a possible symmetric $(81,16,3)$ design, *Utilitas Mathematica*, 78 (2009) 243-250. [\[PDF\]](#)

49. Alireza Abdollahi, A. Rejali and A. Yousofzadeh, Configuration of nilpotent groups and isomorphism, *Journal of Algebra and Its Applications* 8, No. 3 (2009) 339-350. [\[PDF\]](#)

48. Alireza Abdollahi, Characterization of $SL(2,q)$ by its non-commuting graph, *Beitrage zur Algebra und Geometrie*, 50, No. 2, (2009) 443-448. [\[PDF\]](#)

Papers:

Published or Accepted in 2008

47. Alireza Abdollahi, A. Faghihi and A. Mohammadi Hassanabadi, 3-Generator groups whose elements commute with their endomorphic images are abelian, *Communications in Algebra*, 36 No. 10 (2008) 3783-3791. [\[PDF\]](#)
46. Alireza Abdollahi, A. Faghihi and A. Mohammadi Hassanabadi, Minimal number of generators and minimum order of a non-Abelian group whose elements commute with their endomorphic images, *Communications in Algebra*, 36 No. 5 (2008) 1976-1987. [\[PDF\]](#)

45. Alireza Abdollahi, M.J. Ataei and A. Mohammadi Hassanabadi, Minimal blocking sets in $PG(n,2)$ and covering groups by subgroups, *Communications in Algebra*, 36 No. 2 (2008) 365-380. [\[PDF\]](#)

44. Alireza Abdollahi, Commuting graphs of full matrix rings over finite fields, *Linear Algebra and its Applications*, 428 (2008) 2947-2954. [\[PDF\]](#)

43. Alireza Abdollahi, 1-factorizations of Cayley graphs, *Ars Combinatoria*, 86 (2008) 129-131. [\[PDF\]](#)

42. Alireza Abdollahi and H. R. Maimani, A new technique for constructing pairwise balanced designs from groups, *Ars Combinatoria*, 86 (2008) 409-413. [\[PDF\]](#)

41. Alireza Abdollahi and S.M. Jafarian Amiri, Minimal coverings of completely reducible groups, *Publicationes Mathematicae Debrecen*, 72/1-2 (2008), 167-172 . [\[PDF\]](#)

Published in 2007

40. Alireza Abdollahi, Engel graph associated with a group, *Journal of Algebra*, 318 (2007) 680-691. [\[PDF\]](#)

39. Alireza Abdollahi, H.E. Bell and A.A. Klein, On commutativity and centrality in infinite rings, *Communications in Algebra*, 35 (2007) 1323-1332. [\[PDF\]](#)

38. Alireza Abdollahi, A combinatorial property of Burnside varieties of groups, *Ischia group theory 2006*, 1--6, World Sci. Publ., Hackensack, NJ, 2007. [\[PDF\]](#)

37. Alireza Abdollahi and S.M. Jafarian Amiri, On groups with an irredundant 7-cover, *Journal of Pure and Applied Algebra*, 209 (2007) 291-300. [\[PDF\]](#)

36. Alireza Abdollahi, S.M. Jafarian Amiri and A. Mohammadi Hassanabadi, Groups with specific number of centralizers, *Houston Journal of Mathematics*, 33, No. 1 (2007), 43-57 . [\[PDF\]](#)

35. Alireza Abdollahi, Finite p -groups of class 2 have noninner automorphisms of order p , *Journal of Algebra*, 312 (2007) 876-879. [\[PDF\]](#)

34. Alireza Abdollahi and A. Mohammadi Hassanabadi, Non-cyclic graph of a group, *Communications in Algebra*, 35 (2007) 2057-2081. [\[PDF\]](#)

33. Alireza Abdollahi, F. Ashraf and S.M. Shaker, The symmetric group of degree six can be covered by 13 and no fewer proper subgroups, *Bulletin of the Malaysian Mathematical Sciences Society*, Second Series, 30 No. 1 (2007) 57-58. [\[PDF\]](#)

Published in 2006

- 32. Alireza Abdollahi**, B. Daoud et G. Endimioni, Groupes n-abeliens generalises, Bulletin of the Belgian Mathematical Society, 13, No.2 (2006) 287-294. [\[PDF\]](#)
- 31. Alireza Abdollahi**, Groupes satisfaisant une condition de nilpotence, Mathematical Reports (București) 8 (58), no.4 (2006) 385-389. [\[PDF\]](#)
- 30. Alireza Abdollahi**, A. Azad, A. Mohammadi Hassanabadi and M. Zarrin, B. H. Neumann's question on ensuring commutativity of finite groups, Bulletin of the Australian Mathematical Society, 74 (2006) 121-132. [\[PDF\]](#)
- 29. Alireza Abdollahi**, S. Akbari and H.R. Maimani, Non-commuting graph of a group, Journal of Algebra, 298 (2006) 468-492. [\[PDF\]](#)

Published in 2005

- 28. Alireza Abdollahi**, Groupes satisfaisant une condition d'Engel, Journal of Algebra, 283, No. 2 (2005) 431-446. [\[PDF\]](#)
- 27. Alireza Abdollahi** and S. Akbari, Rings virtually satisfying a polynomial identity, Journal of Pure and Applied Algebra, 198 (2005) 9-19. [\[PDF\]](#)
- 26. Alireza Abdollahi** and G. Endimioni, On conditions for an endomorphism to be an automorphism, Algebra Colloquium, 12, No. 4 (2005) 709-714. [\[PDF\]](#)
- 25. Alireza Abdollahi**, M.J. Ataei, S.M. Jafarian Amiri and A. Mohammadi Hassanabadi, Groups with a maximal irredundant 6-cover, Communications in Algebra, 33, No. 9 (2005) 3225-3238. [\[PDF\]](#)
- 24. Alireza Abdollahi** and Aliakbar Mohammadi Hassanabadi, 3-rewritable nilpotent 2-groups of class 2, Communications in Algebra, 33, No. 5 (2005) 1417-1425. [\[PDF\]](#)
- 23. Alireza Abdollahi** and A. Rejali, Paradoxical decomposition of semigroups, Semigroup Forum, 71, (2005) 471-480. [\[PDF\]](#)

Published in 2004

- 22. Alireza Abdollahi**, Powers of a product of commutators as products of squares, International Journal of Mathematics and Mathematical Sciences, 2004:7 (2004) 373-375. [\[PDF\]](#)
- 21. Alireza Abdollahi**, Left 3-Engel elements in groups, Journal of Pure and Applied

Algebra, 188 (2004) 1-6. [\[PDF\]](#)

20. Alireza Abdollahi and Aliakbar Mohammadi Hassanabadi, Characterization of abelian-by-cyclic 3-rewritable groups, Rend. Sem. Mat. Univ. Padova 112 (2004) 173-180. [\[PDF\]](#)

19. Alireza Abdollahi and A. Mohammadi Hassanabadi, Finite groups with a certain number of elements pairwise generating a non-nilpotent subgroup, Bulletin of the Iranian Mathematical Society, 30, No. 2 (2004) 1-20. [\[PDF\]](#)

18. Alireza Abdollahi, Ali Rejali and George A. Willis, Group properties characterised by configurations, Illinois Journal of Mathematics, 48 no. 3 (2004) 861-873. [\[PDF\]](#)

Published in 2003

17. Alireza Abdollahi, Certain locally nilpotent varieties of groups, Bull. Austral. Math. Soc. 67 (2003) 115-119. [\[PDF\]](#)

Published in 2002

16. Alireza Abdollahi, A combinatorial problem in infinite groups, Bull. Malays. Math. Sci. Soc. (2) 25 (2002) 101-114. [\[PDF\]](#)

15. Alireza Abdollahi and Nadir Trabelsi, Quelques extensions d'un probleme de Paul Erdos sur les groupes, Bull. Belg. Math. Soc.

9 (2002) 205-215. [\[PDF\]](#)

14. Alireza Abdollahi and Gunnar Traustason, On locally finite p -groups satisfying an Engel condition, Proc. Amer. Math. Soc.

130 (2002) 2827-2836. [\[PDF\]](#)

Published in 2001

13. Alireza Abdollahi, Some Engel conditions on finite subsets of certain groups, Houston J. Math. 73 no. 3 (2001) 511-522. [\[PDF\]](#)

12. Alireza Abdollahi and Aliakbar Mohammadi Hassanabadi, A permutability problem in infinite groups and Ramsey's theorem, Bull. Austral. Math. Soc. 64 no. 1 (2001) 27-31. [\[PDF\]](#)

11. Alireza Abdollahi, Aliakbar Mohammadi Hassanabadi and Bijan Taeri, An n -rewritability criterion for infinite groups, Comm. Algebra 29 no. 4 (2001) 1571-1581. [\[PDF\]](#)

10. Alireza Abdollahi and Bijan Taeri, On a class of infinite rings, Algebra Colloq. 8 no. 2 (2001) 153-157. [\[PDF\]](#)

Published in 2000

9. Alireza Abdollahi, Infinite groups with an Engel condition on infinite subsets, Bull. Iranian Math. Soc. 26 no. 1 (2000) 73-78. [\[PDF\]](#)

8. Alireza Abdollahi, Finitely generated soluble groups with an Engel condition on infinite subsets, Rend. Sem. Mat. Univ. Padova 103 (2000) 47-49. [\[PDF\]](#)

7. Alireza Abdollahi, Some Engel conditions on infinite subsets of certain groups, Bull. Austral. Math. Soc. 62 (2000) 141-148. [\[PDF\]](#)

6. Alireza Abdollahi and Bijan Taeri, A condition on a certain variety of groups, Rend. Sem. Mat. Univ. Padova 104 (2000) 129-134. [\[PDF\]](#)

Published in 1999

5. Alireza Abdollahi, A characterization of infinite 3-abelian groups, Arch. Math. (Basel) 73 no. 2 (1999) 104-108. [\[PDF\]](#)

4. Alireza Abdollahi, Aliakbar Mohammadi Hassanabadi and Bijan Taeri A property equivalent to n -permutability for infinite groups, J. Algebra 221 (1999) 570-578. [\[PDF\]](#)

3. Alireza Abdollahi and Bijan Taeri, Some conditions on infinite subsets of infinite groups, Bull. Malaysian Math. Soc. (2) 22 no. 1 (1999) 87-93. [\[PDF\]](#)

2. Alireza Abdollahi and Bijan Taeri, A condition on finitely generated soluble groups, Comm. Algebra 27 no. 11 (1999) 5633-5638. [\[PDF\]](#)

Published in 1998

1. Alireza Abdollahi and Aliakbar Mohammadi Hassanabadi, A characterization of infinite abelian groups, Bull. Iranian Math. Soc. 24 no. 2

(1998) 41-48. [\[PDF\]](#)

Presentation in Conferences:

1998

1. Alireza Abdollahi, Integral of a group, 29th Iranian International Conference on Mathematics, Amirkabir University of Technology (Tehran Polytechnic), Iran, March 28-

31, 1998.

2. Alireza Abdollahi, A condition on infinite subsets of infinite hyper-abelian groups, 10th Iranian Algebra Seminar, Kordestan University, Sanandaj, Iran, October 21-22, 1998.

1999

3. Alireza Abdollahi, An Engel condition on certain residually finite groups, 30th Iranian International Conference on Mathematics, University of Mohaghegh Ardebili, Ardebil, Iran, August 1-4, 1999.

4. Alireza Abdollahi, A characterization of infinite n -permutable groups, 11th Iranian Algebra Seminar, Isfahan University of Technology, Isfahan, Iran, October 27-29, 1999.

5. Alireza Abdollahi and Aliakbar Mohammadi Hassanabadi, Groups with many 3-rewritable products, 11th Iranian Algebra Seminar, Isfahan University of Technology, Isfahan, Iran, October 27-29, 1999.

6. Alireza Abdollahi and Bijan Taeri, A combinatorial condition on infinite subsets of infinite groups, 11th Iranian Algebra Seminar, Isfahan University of Technology, Isfahan, Iran, October 27-29, 1999.

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