CURRICULUM VITAE

PERSONAL DATA

- *First Name:* ALIREZA
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  http://scholar.google.com/citations?hl=en&user=Xflsc-8AAAAJ
  http://www.scopus.com/authid/detail.uri?authorId=9273738500
  http://genealogy.math.ndsu.nodak.edu/id.php?id=116630
  http://jrnl2015.elmjo.ir/cgi-bin/nph-v2s2-fs.cgi/en/00/http/www.ams.org/
  mathscinet/search/author.html=3fmrauthid=3d673987
- *Citations:* GOOGLE SCHOLAR: **1182**
  THE MR CITATION DATABASE: **461**   (in **203** publications)
  SCOPUS: **599**   (by **296** documents)
- *h-index:* **17**   (Google Scholar)
- *h-index:* **12**   (Scopus)
- *i10-index:* **27**   (Google Scholar)

ADDRESS

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ACADEMIC BACKGROUND

- *Iran University of Science and Technology, IRAN; 1998–2001; Ph.D. in Finite Group Theory.*
  Thesis' topic: *A Characterization of Finite Groups by Their Elements Orders*,
  Supervisor: Prof. M. R. DARAFSHEH.

- *Iran University of Science and Technology, IRAN; 1993–1996; M. Sc. in Finite Group Theory.*
  Projects' title: *The Classification of Groups With the Small Squaring Property on 3-Sets*,
  Supervisor: Dr. A. HASSANI.

- *Birjand University, IRAN; 1988–1993; B. Sc. in Pure Mathematics.*

EMPLOYMENT

- *Assistant Professor, Department of Mathematics, K. N. Toosi University of Technology, 2003 – 2008.*

- *Associate Professor, Department of Mathematics, K. N. Toosi University of Technology, 2008 – 2014.*

- *Full Professor, Faculty of Mathematics, K. N. Toosi University of Technology, 2014 – Up to now.*

HONORS

- First grade student in Ph.D., February 2001.

- Selected by International Mathematical Union (IMU) for a grant to attendance in International Congress of Mathematicians (ICM), August 20–28 (2002), in China-Beijing.

- Selected by Suzhou University for a grant to attendance in International Conference on Algebra (A Satellite Conference of ICM 2002), August 29- September 2 (2002), China-Suzhou.

- Distinguished Researcher of K. N. Toosi University of Technology, December 2005.

- Distinguished Lecturer of K. N. Toosi University of Technology, May 2009.

- Head of the Department of Mathematics, June 2009-January 2011.

- Invited speaker at The 44th Annual Iranian Mathematics Conference, Ferdowsi University of Mashhad, 27–30 August 2013.

- Invited speaker at Third Biennial International Group Theory Conference, Ferdowsi University of Mashhad, Mashhad-Iran, 28–31 January 2015.

- Invited speaker at International Workshop on Quantitative Properties of Groups and Related Topics (IWQPG), Chongqing University of Arts and Sciences, Yongchuan, Chongqing, China, 16–19 May, 2015.

- Invited speaker at Seminar on Group Theory, School of Mathematics and Statistics, Southwest University, Chongqing, China, 20–23 May, 2015.

- I spent my sabbatical leave in USA at Kent State University, during 1 November 2016 until 1 September 2017.

- Invited speaker at International Workshop on Groups, Representations and Related Topics (IWGRR), Chongqing University of Arts and Sciences, Yongchuan, Chongqing, China, 17–20 May, 2018.

- Invited speaker at Third Conference on Computational Algebra, Computational Number Theory and Applications, University of Kashan, 12–14 December 2018.

- International Conference on Group Theory in honor of Victor Mazurov on the occasion of his 80th birthday, Novosibirsk, Russia, 2–8 July, 2023.

HONORARY ACTIVITIES

- Reviewer of Zentralblatt MATH (zbMATH), Reviewer ID: 11687,
  (http://www.zentralblatt-math.org/zmath/en/)

- Reviewer of American Mathematical Society (AMS), Reviewer Number: 053458,
  (https://mathscinet.ams.org/mathscinet/index.html)

- Editor of International Journal of Group Theory (IJGT). (http://uijs.ui.ac.ir/ijgt/)

MEMBERSHIP OF SCIENTIFIC SOCIETIES

American Mathematical Society (MR Author ID: 673987)

RESEARCH INTERESTS

- *Group Theory, Especially Arithmetical Properties of Finite Groups.*

- *Linear Algebra, Especially Evaluating Determinants of Matrices with Recursive Entries.*

- *Graph Theory, Especially Graphs Associated With Algebraic Structures.*

- *Discrete Mathematics, Especially Double Counting and Finding Some Relations on Pascal Triangle.*

- *Number Theory, Especially Determinant Representations of Sequences.*

INTERNATIONAL CONFERENCES

- *International Congress of Mathematicians* 2002, Beijing, China, August 20–28, **2002**.

- *International Conference on Algebra*, Suzhou, China, August 29 - September 2, **2002**.

- *Eighteenth Brazilian Algebra School*, Campinas, Brazil, July 19–23, **2004**.

- *A Conference Groups* & *Group Rings XI*, Bedlewo (near Poznan), Poland, June 4–11, **2005**.

- *The* 6*th International Pure Mathematics Conference* 2005 *on Algebra, Analysis, Geometry and Mechanics*, Islamabad, Pakistan, August 20–22, **2005**.

- *Fourteenth Ramanujan Symposium-International Conference on Noncommutative Rings, Group Rings, Diagram Algebras, and Applications*, Ramanujan Institute for Advanced study in Mathematics, University of Madras, India, December 18–22, **2006**.

- *The Second International Congress in Algebra and Combinatorics*, Beijing-Xi'an, China, July 6–10, **2007**.

- 77*th Workshop on General Algebra,* 24*th Conference for Young Algebraists*, University of Potsdam, Institute of Mathematics, Potsdam, Germany, March 20–22, **2009**.

- *The International Conference on Algebra* 2010*, Advances in Algebraic Structures (ICA* 2010*)*, Gadjah-Mada University, Yogyakarta-Indonesia, 7–10 October, **2010**.

- *Third Biennial International Group Theory Conference*, Ferdowsi University of Mashhad, Mashhad, Iran, 28–31 January, **2015**.

- *International Workshop on Quantitative Properties of Groups and Related Topics (IWQPG)*, Chongqing University of Arts and Sciences, Yongchuan, Chongqing, China, 16–19 May, **2015**.

- *Seminar on Group Theory*, School of Mathematics and Statistics, Southwest University, Chongqing, China, 20–23 May, **2015**.

- *The Second Conference on Computational Group Theory, Computational Number Theory and Applications*, University of Kashan, Kashan, Iran, 13–15 October, **2015**.

- *International Workshop on Groups, Representations and Related Topics (IWGRR)*, Chongqing University of Arts and Sciences, Yongchuan, Chongqing, China, 17–20 May, **2018**.

- *Third Conference on Computational Algebra, Computational Number Theory and Applications*, University of Kashan, 12–14 December **2018**.

- *International Conference on Group Theory in Honor of Victor Mazurov on the Occasion of His 80th Birthday*, Novosibirsk, Russia, 2–8 July **2023**.

RESEARCH PAPERS (Total Citations: **461** in the MR Citation Database)

[101] T. L. B. DE ALMEIDA, A. R. MOGHADDAMFAR and I. N. NAKAOKA, More on (non)stabilizing graphs arising from specific actions, in preparation.

[100] T. FOGUEL, A. R. MOGHADDAMFAR, J. SCHMIDT and A. VELASQUEZ-BERROTERAN, Groups with equal covering, in preparation.

[99] A. R. MOGHADDAMFAR, S. NAVID SALEHY and S. NIMA SALEHY, Exotic evidence associated with Pascal Triangle, Submitted for publication.

[98] M. BAHRAMI-TAGHANAKI, A. R. MOGHADDAMFAR, S. NAVID SALEHY and S. NIMA SALEHY, Matrix decompositions of Stirling-like matrices and their determinants, Submitted for publication.

[97] M. BAHRAMI-TAGHANAKI, A. R. MOGHADDAMFAR, S. NAVID SALEHY and S. NIMA SALEHY, Some identities involving Stirling numbers arising from matrix decompositions, Submitted for publication.

[96] M. BAHRAMI-TAGHANAKI, A. R. MOGHADDAMFAR, S. NAVID SALEHY and S. NIMA SALEHY, On matrices whose entries are Stirling numbers of the second kind (II), Submitted for publication.

[95] M. BAHRAMI-TAGHANAKI, A. R. MOGHADDAMFAR, S. NAVID SALEHY and S. NIMA SALEHY, On matrices whose entries are Stirling numbers of the second kind (I), Submitted for publication.

[94] M. BAHRAMI-TAGHANAKI, T. FOGUEL, A. R. MOGHADDAMFAR, I. N. NAKAOKA and J. SCHMIDT, Submitted for publication.

[93] A. R. MOGHADDAMFAR, Evaluations of determinants of several matrices whose entries satisfy (in)homogeneous recurrence relations, *Southeast Asian Bull. Math.*, 2024.

[92] T. LI, A. R. MOGHADDAMFAR, A. V. VASIL'EV and ZH. WANG, On recognition of the direct squares of the simple groups with abelian Sylow 2-subgroups, Ricerche di Matematica, 2024.

[91] M. ETEMADI and A. R. MOGHADDAMFAR, More on the generalized Pascal triangles, *Mat. Vesnik*, 75(4)(2023), 275–285.

[90] T. FOGUEL, A. MAHMOUDIFAR, A. R. MOGHADDAMFAR, and J. SCHMIDT, Groups with semipartitions, *J. Algebra Appl.*, 22(8)(2023), 2350169 (21 pages).

[89] X. Y. CHEN, A. MAHMOUDIFAR, A. R. MOGHADDAMFAR and F. SALEHZADEH, The complexity of specific commuting graphs, *J. Algebra Appl.*, 21(6)(2022), 2250119 (13 pages).

[88] X. Y. CHEN, A. R. MOGHADDAMFAR and M. ZOHOURATTAR, Some properties of various graphs associated with finite groups, *Algebra and Discrete Mathematics*, 31(2)(2021), 195–211.

[87] T. FOGUEL, J. HILLER, M. L. LEWIS, and A. R. MOGHADDAMFAR, Groups that have a partition by commuting subsets, *J. Group Theory*, 24(3) (2021), 549–571.

[86] M. AKBARI, X. Y. CHEN and A. R. MOGHADDAMFAR, OD-Characterization of some simple unitary groups, *Bull. Iranian Math. Soc.*, 47(1)(2021), 197–215.

[85] B. AKBARI, M. L. LEWIS, J. MIRZAJANI, and A. R. MOGHADDAMFAR, The solubility graph associated with a finite group, *Internat. J. Algebra Comput.*, 30(8)(2020), 1555–1564.

[84] M. AKBARI, X. Y. CHEN and A. R. MOGHADDAMFAR, An OD-characterizable class of simple groups, *Algebra and Discrete Mathematics*, 29(1)(2020), 41–50.

[83] Y. BAGHERI, A. R. MOGHADDAMFAR and F. RAMEZANI, Concerning some properties of signed graphs associated with specific graphs, *Discrete Applied Mathematics*, 279(2020), 25–33.

[82] M. L. LEWIS, J. MIRZAJANI, A. R. MOGHADDAMFAR, A. V. VASIL'EV and M. A. ZVEZDINA, Simple groups whose prime graph or solvable graph is split, *Bull. Malays. Math. Sci. Soc.*, 43(3) (2020), 2523–2547.

[81] A. MAHMOUDIFAR, A. R. MOGHADDAMFAR and F. SALEHZADEH, Group partitions via commutativity, *Int. Electron. J. Algebra*, 25(1) (2019), 224–231.

[80] S. KIRKLAND, A. R. MOGHADDAMFAR, S. NAVID SALEHY, S. NIMA SALEHY and M. ZOHOURATTAR, The complexity of power graphs associated with finite groups, *Contrib. Discrete Math.*, 13(2)(2018), 124–136.

[79] M. L. LEWIS, D. V. LYTKINA, V. D. MAZUROV, A. R. MOGHADDAMFAR, Splitting via noncommutativity, *Taiwanese J. Math.*, 22(5) (2018), 1051–1082.

[78] A. R. MOGHADDAMFAR, S. NAVID SALEHY and S. NIMA SALEHY, A matrix-theoretic perspective on some identities involving well-known sequences, *Bull. Malays. Math. Sci. Soc.*, 41(1) (2018), 15–28.

[77] A. R. MOGHADDAMFAR, S. RAHBARIYAN, S. NAVID SALEHY and S. NIMA SALEHY, The number of spanning trees of power graphs associated with specific groups and some applications, *Ars Combin.*, 113 (2017), 269–296. (**1** Citation)

[76] A. R. MOGHADDAMFAR, S. RAHBARIYAN, S. NAVID SALEHY and S. NIMA SALEHY, Some infinite matrices whose leading principal minors are well-known sequences, *Util. Math.*, 104(2017), 47–66.

[75] A. R. MOGHADDAMFAR, On alternating and symmetric groups which are quasi OD-characterizable, *J. Algebra Appl.*, 16 (4)(2017), 1750065 (14 pages). (**1** Citation)

[74] A. MOHAMADZADEH and A. R. MOGHADDAMFAR, Several quantitative characterizations of some specific groups, *Comment. Math. Univ. Carolin.*, 58(1)(2017), 19–34.

[73] A. MAHMOUDIFAR and A. R. MOGHADDAMFAR, Commuting graphs of groups and related numerical parameters, *Comm. Algebra*, 45(7)(2017), 3159–3165.

[72] M. AKBARI and A. R. MOGHADDAMFAR, Groups for which the noncommuting graph is a split graph, *Int. J. Group Theory*, 6(1)(2017), 29–35. (**1** Citation)

[71] B. AKBARI, N. IIYORI and A. R. MOGHADDAMFAR, A new characterization of some simple groups by order and degree pattern of solvable graph, *Hokkaido Math. J.*, 45(3)(2016), 337–363.

[70] A. R. MOGHADDAMFAR, S. NAVID SALEHY and S. NIMA SALEHY, Proof of a conjecture on determinants of matrices whose entries arise as recurrences, *Southeast Asian Bull. Math.*, 40(3)(2016), 389–396.

[69] V. D. MAZUROV and A. R. MOGHADDAMFAR, Recognizing by spectrum for the automorphism groups of sporadic simple groups, *Commun. Math. Stat.*, 3(4)(2015), 491–496.

[68] A. R. MOGHADDAMFAR and S. RAHBARIYAN, A quantitative characterization of Mathieu group M_{12}, *Southeast Asian Bull. Math.*, 39(2)(2015), 235–248.

[67] B. AKBARI and A. R. MOGHADDAMFAR, On recognition by order and degree pattern of finite simple groups, *Southeast Asian Bull. Math.*, 39(2)(2015), 163–172. (**1** Citations)

[66] A. R. MOGHADDAMFAR and S. RAHBARIYAN, OD-Characterization of some projective special linear groups over the binary field and their automorphism groups, *Comm. Algebra*, 43(6)(2015), 2308–2334. (**2** Citations)

[65] B. Akbari and A. R. Moghaddamfar, OD-Characterization of certain four dimensional linear groups with related results concerning degree patterns, *Front. Math. China*, 10(1)(2015), 1–31. (**1** Citation)

[64] A. R. Moghaddamfar and S. Rahbariyan, A quantitative characterization of some finite simple groups through order and degree pattern, *Note Mat.*, 34(2)(2014), 91-105. (**1** Citation)

[63] A. R. Moghaddamfar, Some results concerning noncommuting graphs associated with finite groups, *Southeast Asian Bull. Math.*, 38(5)(2014), 661–676. (**1** Citation)

[62] M. Akbari and A. R. Moghaddamfar, Some quantitative characterizations of certain symplectic groups over the binary field, *Int. Electron. J. Algebra*, 16(2014), 32–52. (**2** Citations)

[61] A. R. Moghaddamfar, S. Rahbariyan and W. J. Shi, Certain properties of the power graph associated with a finite group, *J. Algebra Appl.* 13(7)(2014), 1450040, 18 pages. (**16** Citations)

[60] A. R. Moghaddamfar and H. Tajbakhsh, More determinant representations for sequences, *J. Integer Seq.*, 17(5)(2014), Article 14.5.6, 16 pages.

[59] M. Akbari and A. R. Moghaddamfar, The existence or nonexistence of non-commuting graphs with particular properties, *J. Algebra Appl.*, 13(1)(2014), 1350064, 11 pages. (**2** Citations)

[58] A. R. Moghaddamfar, S. Navid Salehy and S. Nima Salehy, Determinant representations of sequences: a survey, *Spec. Matrices*, 1(2013), 46–60. (**5** Citations)

[57] M. Akbari, A. R. Moghaddamfar and S. Rahbariyan, A characterization of some finite simple groups through their orders and degree patterns, *Algebra Colloq.*, 19(3)(2012), 473–482. (**12** Citations)

[56] B. Akbari and A. R. Moghaddamfar, Recognizing by order and degree pattern of some projective special linear groups, *Internat. J. Algebra Comput.*, 22(6)(2012), 1250051, 22 pages. (**5** Citations)

[55] M. Kheirabadi and A. R. Moghaddamfar, Recognizing some finite simple groups by noncommuting graph, *J. Algebra Appl.*, 11(4)(2012), 1250077, 14 pages. (**2** Citations)

[54] A. R. Moghaddamfar and H. Tajbakhsh, Lucas numbers and determinants, *Integers*, 12(1)(2012), 21–51. (**1** Citation)

[53] A. R. Moghaddamfar, S. M. H. Pooya, S. Navid Salehy and S. Nima Salehy, More on evaluating determinants, *Mat. Vesnik*, 64(3)(2012), 211–222. (**1** Citation)

[52] A. R. Moghaddamfar, Recognizability of finite groups by order and degree pattern, *Proceedings of the International Conference on Algebra 2010*, 422–433. (**3** Citations)

[51] R. Kogani-Moghaddam and A. R. Moghaddamfar, *"Groups with the same order and degree pattern"*, *Sci. China Math.*, 55(4)(2012), 701–720. (**9** Citations)

[50] M. Akbari and A. R. Moghaddamfar, Simple groups which are 2-fold OD-characterizable, *Bull. Malays. Math. Sci. Soc.*, 35(1)(2012), 65–77. (**8** Citations)

[49] A. R. Moghaddamfar, Some counter-examples to a conjecture concerning OC-recognizability of finite simple groups, Journal of Southwest University (Natural Science Edition), 33(2)(2011), 98–100.

[48] A. R. Moghaddamfar and S. Rahbariyan, More on the OD-characterizability of a finite group, *Algebra Colloq.*, 18(4)(2011), 663–674. (**18** Citations)

[47] A. R. Moghaddamfar, K. Moghaddamfar and H. Tajbakhsh, New families of integer matrices whose leading principal minors form some well-known sequences, *Electron. J. Linear Algebra*, 22(2011), 598–619. (Citations **1**)

[46] M. Akbari, M. Kheirabadi and A. R. Moghaddamfar, Recognition by noncommuting graph of finite simple groups $L_4(q)$, *Front. Math. China*, 6(1)(2011), 1–16. (**2** Citations)

[45] N. Mirashe, A. R. Moghaddamfar, S. H. Mozafari, The determinants of matrices constructed by subdiagonal, main diagonal and superdiagonal, *Lobachevskii J. Math.*, 31(3)(2010), 295–306.

[44] A. Imani and A. R. Moghaddamfar, The inverse of the Pascal lower triangular matrix modulo p, *Acta Math. Univ. Comenian. (N.S.)*, 79(1)(2010), 135–142. (**1** Citation)

[43] A. A. Hoseini and A. R. Moghaddamfar, Recognizing alternating groups A_{p+3} for certain primes p by their orders and degree patterns, *Front. Math. China*, 5(3)(2010), 541–553. (**18** Citations)

[42] A. R. Moghaddamfar, Determinants of several matrices associated with Pascal's triangle, *Asian-Eur. J. Math.*, 3(1)(2010), 119–131.

[41] A. R. Moghaddamfar and A. R. Zokayi, OD-Characterization of certain finite groups having connected prime graphs, *Algebra Colloq.*, 17(1)(2010), 121–130. (**21** Citations)

[40] A. R. Moghaddamfar, S. M. H. Pooya, S. Navid Salehy and S. Nima Salehy, On the matrices related to m-arithmetic triangle, *Linear Algebra Appl.*, 432(1)(2010), 53–69. (**1** Citation)

[39] A. R. Moghaddamfar, S. M. H. Pooya, S. Navid Salehy and S. Nima Salehy, Fibonacci and Lucas sequences as the principal minors of some infinite matrices, *J. Algebra Appl.*, 8(6)(2009), 869–883. (**3** Citations)

[38] A. R. Moghaddamfar and A. R. Zokayi, OD-Characterization of alternating and symmetric groups of degrees 16 and 22, *Front. Math. China*, 4(4)(2009), 669–680. (**18** Citations)

[37] A. R. Moghaddamfar and M. H. Pooya, Generalized Pascal triangles and Toeplitz matrices, *Electron. J. Linear Algebra*, 18(2009), 564–588. (**3** Citations)

[36] A. R. Moghaddamfar and A. R. Zokayi, On the admissibility of finite groups, *Southeast Asian Bull. Math.*, 33(3)(2009), 485–489.

[35] A. R. Moghaddamfar, M. H. Pooya, S. Navid Salehy and S. Nima Salehy, A symbolic evaluation of determinants of matrices with recursive entries, *Lobachevskii J. Math.*, 30(1)(2009), 46–56.

[34] A. R. Moghaddamfar, S. Navid Salehy and S. Nima Salehy, Evaluating some determinants of matrices with recursive entries, *Bull. Korean Math. Soc.*, 46(2)(2009), 331–346.

[33] A. R. Moghaddamfar, A comparison of the order components in Frobenius and 2-Frobenius groups with finite simple groups, *Taiwanese J. Math.*, 13(1)(2009), 67–89. (**2** Citations)

[32] N. Mirashe, A. R. Moghaddamfar, S. H. Mozafari, S. M. H. Pooya, S. Navid Salehy and S. Nima Salehy, Constructing new matrices and investigating their determinants, *Asian-Eur. J. Math.*, 1(4)(2008), 575–588. (**1** Citation)

[31] A. R. Moghaddamfar, S. Navid Salehy and S. Nima Salehy, Certain matrices related to the Fibonacci sequence having recursive entries, *Electron. J. Linear Algebra*, 17(2008), 543–576.

[30] A. R. Moghaddamfar and A. R. Zokayi, Recognizing finite groups through order and degree pattern, *Algebra Colloq.*, 15(3)(2008), 449–456. (**29** Citations)

[29] A. R. Moghaddamfar, S. Navid Salehy and S. Nima Salehy, The determinants of matrices with recursive entries, *Linear Algebra Appl.*, 428(11-12)(2008), 2468–2481. (**3** Citations)

[28] A. R. Moghaddamfar, S. M. H. Pooya, S. Navid Salehy and S. Nima Salehy, More calculations on determinant evaluations, *Electron. J. Linear Algebra*, 16(2007), 19–29. (**2** Citations)

[27] A. R. MOGHADDAMFAR and W. J. SHI, The number of finite groups whose element orders is given, *Beiträge Algebra Geom.*, 47(2)(2006), 463–478. (**4** Citations)

[26] M. R. DARAFSHEH, A. R. MOGHADDAMFAR and A. R. ZOKAYI , The characterization of $PGL(2,p)$ for some p by their element orders, *Int. Math. Forum*, 1(37-40)(2006), 1825–1831.

[25] A. R. MOGHADDAMFAR, About noncommuting graphs, *Siberian Math. J.*, 47(5)(2006), 911–914. Translated from *Sibirsk. Mat. Zh.*, 47(5)(2006), 1112–1116. (**14** Citations)

[24] V. D. MAZUROV and A. R. MOGHADDAMFAR, The recognition of simple group $S_8(2)$ by its spectrum, *Algebra Colloq.*, 13(4)(2006), 643–646. (**2** Citations)

[23] A. R. MOGHADDAMFAR, On spectrum of linear groups over the binary field and recognizability of $L_{12}(2)$, *Internat. J. Algebra Comput.*, 16(2)(2006), 341–349. (**4** Citations)

[22] A. R. MOGHADDAMFAR, A. R. ZOKAYI and M. KHADEMI, A characterization of the finite simple group $L_{11}(2)$ by its element orders, *Taiwanese Journal of Mathematics*, 9(3)(2005), 445–455. (**4** Citations)

[21] M. R. DARAFSHEH, N. S. KARAMZADEH and A. R. MOGHADDAMFAR, Relation between Frobenius and 2-Frobenius groups with order components of finite groups, *J. Appl. Math. Comput.*, 21(1-2)(2006), 437–450. (**1** Citation)

[20] M. S. LUCIDO and A. R. MOGHADDAMFAR, Recognition by spectrum of some linear groups over the binary field, *Siberian Math. J.*, 47(1)(2006), 86–96. Translated from *Sibirsk. Mat. Zh.*, 47(1)(2006), 108–122. (**2** Citations)

[19] M. R. DARAFSHEH, Y. FARJAMI, M. KHADEMI and A. R. MOGHADDAMFAR, Some results on the recognizability of the linear groups over the binary field, *Comment. Math. Univ. Carolin.*, 46(4)(2005), 589–600. (**2** Citations)

[18] M. A. GRECHKOSEEVA, M. S. LUCIDO, V. D. MAZUROV, A. R. MOGHADDAMFAR, and A. V. VASIL'EV, On recognition of the projective special linear groups over the binary field, *Sib. Èlektron. Mat. Izv.*, 2(2005), 253–263. (**8** Citations)

[17] A. R. MOGHADDAMFAR, A. R. ZOKAYI and M. R. DARAFSHEH, A characterization of finite simple groups by the degrees of vertices of their prime graphs, *Algebra Colloq.*, 12 (3)(2005), 431–442. (**32** Citations)

[16] A. R. MOGHADDAMFAR, W. J. SHI, W. ZHOU and A. R. ZOKAYI, On the noncommuting graph associated with a finite group, *Siberian Math. J.*, 46(2)(2005), 325–332. Translated from *Sibirsk. Mat. Zh.*, 46(2)(2005), 416–425. (**25** Citations)

[15] M. R. DARAFSHEH and A. R. MOGHADDAMFAR, Finite groups which are product of $L_2(7)$ or $L_2(8)$ with a symmetric group, *Algebra Colloq.*, 12(1)(2005), 1–10.

[14] A. R. MOGHADDAMFAR and M. R. DARAFSHEH, A family of finite simple groups which are 2-recognizable by their elements order, *Comm. Algebra*, 32(11)(2004), 4507–4513. (**3** Citations)

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[12] A. R. MOGHADDAMFAR, A. R. ZOKAYI and M. R. DARAFSHEH, On the characterizability of the automorphism groups of sporadic simple groups by their element orders, *Acta Math. Sin. (Engl. Ser.)*, 20(4)(2004), 653–662. (**1** Citation)

[11] M. S. LUCIDO and A. R. MOGHADDAMFAR, Groups with complete prime graph connected components, *J. Group Theory*, 7(3)(2004), 373–384. (**27** Citations)

[10] M. R. Darafsheh, A. R. Moghaddamfar and A. R. Zokayi, A recognition of simple groups $PSL(3,q)$ by their element orders, *Acta Math. Sci. Ser. B Engl. Ed.*, 24(1)(2004), 45–51. (**3** Citations)

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[8] F. Salehzadeh, 2015–2021, *The Commuting Graph of Finite Groups and Some Applications.*

[7] Y. Bagheri, 2017–2021, *Coloring and Switching Isomorphism Problems on Some Families of Signed Graphs.*

[6] Majid Akbari, 2012–2020, *Recognition of Some Algebraic Structures by Associated Simple Graphs.*

[5] J. Mirzajani, 2015–2020, *Solvable Graphs Associated With Finite Groups and Related Topics.*

[4] M. Zohouratar, 2015–2019, *Some Numerical Results on Power Graphs Associated With Finite Groups.*

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[2] B. Akbari, 2009–2014, *OD-Characterizability of Finite Groups.*
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MASTER'S STUDENTS

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[48] B. Masoudi, 2021, *Groups that have a partition by commuting subsets.*

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[45] M. Faghihian, 2021, *On finite groups isospectral to simple groups.*

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[43] N. Kian, 2020, *Large abelian normal subgroups.*

[42] F. Golpayegani, 2019, *Equally partitioned groups.*

[41] Z. Rasooli-Konjin, 2019, *Groups with specific number of centralizers.*

[40] F. Shabanpoor-Saber, 2019, *On Camina p-groups.*

[39] L. Karvand, 2019, *Derived subgroups and centers of capable groups.*

[38] B. Gholizadeh, 2019, *On the determinants of matrices with recursive entries.*

[37] H. Veisi, 2018, *Undirected power graphs of finite groups and related topics.*

[36] M. Sarkhosh, 2018, *Recognizability of groups $G_2(q)$ by spectrum.*

[35] Sh. Heydari, 2018, *Characteristic polynomial analysis of matrix representations of graphs.*

[34] P. Ghorbani, 2018, *On energy and Laplacian energy of graphs.*

[33] M. Yousefi, 2015, *Noncommuting graphs associated with finite groups and related topics.*

[32] M. R. Jalali, 2015, *On some parameters associated with solvable graphs of finite groups.*

[31] A. Hozhabrinia, 2015, *The number of spanning trees of power graphs associated with specific groups and some applications.*

[30] S. Khavari, 2015, *Concerning some properties of the power graph associated with a finite group.*

[29] Kh. Khazaei, 2014, *A generalization of prime graphs of finite groups.*

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