

CURRICULUM VITAE

SAEID AZAM

Professor of Mathematics

University of Isfahan

Dec. 12, 2025

Scientific Services

- Editor of the Journal of Transactions in combinatorics, Since 2011.
- Editor of the International journal of group theory, Since 2011.
- (Associate) Editor of the Bulletin of the Iranian Mathematical Society, Since 2011.
- Associate member of the the Academy of Science, Islamic Republic of Iran, since 2010.
- Editor-in-chief of the Bulletin of the Iranian Mathematical Society, 2007-2010.
- Founding member of the Center of Excellence in Banach Algebras, University of Isfahan,
- Editor of the Journal of Basic Sciences, Univ. of Isfahan, 2006–2008.
- The chair of Isfahan-Branch of the School of Mathematics, Institute for Research in Fundamental Sciences (IPM), (since 1396).
- Board of Trustees of Riazi Kermani Prize (Iranian Mathematical Society) (1394–1400).
- Board of Trustees of Prize of the Iranian Mathematical Society, since 1401.
- Board of Trustees of Aghigh Institute of Higher Education (as a representative of the Minister) (1394–1400).
- Member of the advisory scientific committee of the Caucasian Conference, since 2017.
- Member of the council of policy making for university (of Isfahan) internationalization, (since 1396).
- **Member of the Board of Promotion of IPM (Institute for research in fundamental sciences)(for 3 years).**
- **Member of the Board of Promotion, Isfahan University of Technology, 1396–1400.**
- The member of the scientific board (Math division) of IPM (Institute for research in fundamental sciences)(From 2006).
- The Chair of the Math. Dept. Univ. of Isfahan, Iran, (2001-2004).
- Supervision of 9 Ph.D. students, eight are already graduated.
- Supervision of a number of master students.
- Member of the:
 - Board (and sub-board) of promotion, University of Isfahan (more than 6 years).**
 - Research Council of the University of Isfahan (for 4 years).
 - Research Council of Faculty of Science, University of Isfahan.
 - Scientific Committee of the Mathematical Competition for the Iranian University Students for three years.
 - Board of Trustees of the House of Mathematics in Isfahan.
 - Scientific Advisory Committee for the 20–th Iranian Algebra Seminar (1388).
 - Scientific Advisory Committee for the 31–th Iranian Mathematics Conference.
- The representative of the Iranian Mathematical Society at the University of Isfahan.
- The chair of the 13-th analysis and its applications.
- The referee for, Journal of Algebra, Academic Press, Mathematical Review, American Mathematical Society, Journal of Lie Theory, Journal of RIMS, Japan, Communications in algebra, Frontiers in Mathematics, China, Annali di Matematica Pura ed Applicata, Some Iranian research journals, Moscow mathematical Journal.

Azam, Saeid; Parishani, Fatemeh; Tan, Shaobin

A characterization of minimal extended affine root systems (relations to elliptic Lie algebras). (English) [Zbl 08058304](#)

Publ. Res. Inst. Math. Sci. 61, No. 2, 233-275 (2025).

MSC: 17B67 20F55 17B22 17B65

Full Text: [DOI](#) [arXiv](#)



Azam, S.

Chevalley bases for elliptic extended affine Lie algebras of type A_1 . (English) [Zbl 08049801](#)

J. Algebra 680, 148-173 (2025).

MSC: 17B67 17B65 17B50 17B60

Full Text: [DOI](#) [arXiv](#)



Azam, Saeid

Localization and filtration in extended affine Lie algebras. [arXiv:2510.08243](#)

Preprint, arXiv:2510.08243 [math.QA] (2025).

MSC: 17B67

Full Text: [arXiv](#)



Azam, Saeid

Chevalley bases for extended affine Lie algebras. [arXiv:2509.05743](#)

Preprint, arXiv:2509.05743 [math.QA] (2025).

MSC: 17B67 17B65 33D80

Full Text: [arXiv](#)



Azam, Saeid; Farhadi, Mehdi Izadi

Involutive root-graded Lie algebras and Lie tori of type A . [arXiv:2508.16954](#)

Preprint, arXiv:2508.16954 [math.QA] (2025). (To appear in Publ. Res. Inst. Math. Sci.)

MSC: 17B67 16W10 17B65 17B70

Full Text: [arXiv](#)



Azam, Saeid

Characters for extended affine Lie algebras: a combinatorial approach. (English)

[Zbl 1559.17036](#)

J. Algebr. Comb. 60, No. 1, 1-27 (2024).

MSC: 17B67 17B22 16W10 17B65

Full Text: [DOI](#) [arXiv](#)



Azam, Saeid; Farhadi, Mehdi Izadi

Chevalley involutions for Lie tori and extended affine Lie algebras. (English) [Zbl 1554.17020](#)

J. Algebra 634, 1-43 (2023).

MSC: 17B67 17B65 19C99 20G44 22E65

Full Text: [DOI](#) [arXiv](#)



Azam, Saeid; Darehgazani, Abbas

A realization approach to extended affine Lie superalgebras. (English) Zbl 1543.17027

Osaka J. Math. 60, No. 3, 613-635 (2023).

MSC: 17B67 17B22 17B65 17B70

Reviewer: Robert McRae (Beijing)

Full Text: [Link](#)



Azam, Saeid; Soltani, Mohammad Bagher; Tomie, Masaya; Yoshii, Yoji

Characterization and enumeration of reflectable bases of types $E_{6,7,8}$. (English)

Zbl 1515.17036

Commun. Algebra 50, No. 6, 2694-2718 (2022).

MSC: 17B67 20F55

Reviewer: Takao Imai (Chiba)

Full Text: [DOI](#)

Azam, Saeid; Farahmand Parsa, Amir; Izadi Farhadi, Mehdi

Integral structures in extended affine Lie algebras. (English) Zbl 1512.17043

J. Algebra 597, 116-161 (2022).

MSC: 17B67 17B65 19C99 20G44 22E65

Full Text: [DOI](#) [arXiv](#)



Azam, Saeid; Tomie, Masaya; Yoshii, Yoji

Classification of pointed reflection spaces. (English) Zbl 1510.17019

Osaka J. Math. 58, No. 3, 563-589 (2021).

MSC: 17B22 05B35

Reviewer: Haowu Wang (Bonn)

Full Text: [Link](#)



Azam, Saeid; Parishani, Fatemeh

Cayley graph characterization of geometric reflections. (English) Zbl 1543.20045

J. Lie Theory 31, No. 2, 413-438 (2021).

MSC: 20F55 17B67 05C25

Reviewer: Hongsheng Hu (Changsha)

Full Text: [Link](#)

Azam, Saeid; Soltani, Mohammad Bagher; Tomie, Masaya; Yoshii, Yoji

A graph-theoretical classification for reflectable bases. (English) Zbl 1464.17016

Publ. Res. Inst. Math. Sci. 55, No. 4, 689-736 (2019).

MSC: 17B22 17B67 17B65 20F55 51F15

Reviewer: Dmitry Artamonov (Moskva)

Full Text: [DOI](#)

Azam, Saeid; Parsa, Amir Farahmand

Groups of extended affine Lie type. (English) Zbl 1471.17044

Publ. Res. Inst. Math. Sci. 55, No. 3, 627-649 (2019).

MSC: 17B67 17B65 19C99 20G44 22E65

Reviewer: Le Anh Vu (Ho Chi Minh City)

Full Text: [DOI](#) [arXiv](#)



Azam, Saeid; Kharaghani, Zahra

Combinatorics of extended affine root systems (type A_1). (English) Zbl 1452.17014

J. Algebra Appl. 18, No. 3, Article ID 1950051, 22 p. (2019).

MSC: 17B22 17B67 20F55

Full Text: [DOI](#)

Azam, Saeid; Darehghazani, Abbas

Extended affine Lie superalgebras and their affinizations. (English) Zbl 1468.17033

Commun. Algebra 47, No. 7, 2549-2576 (2019).

MSC: 17B67 17B65 17B70

Reviewer: Le Anh Vu (Ho Chi Minh City)

Full Text: DOI

Azam, S.; Behboodi, G.

Derivations of extended multi-loop algebras. (English) Zbl 1436.17024

J. Lie Theory 29, No. 1, 247-262 (2019).

MSC: 17B40 17B65 17B67 17B70

Full Text: Link

Azam, S.

A new characterization of Kac-Moody-Malcev superalgebras. (English) Zbl 1427.17037

J. Algebra Appl. 16, No. 8, Article ID 1750144, 15 p. (2017).

MSC: 17B67 17A70 17B20

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Azam, S.; Behboodi, G.; Yousofzadeh, M.

Direct unions of Lie tori (realization of locally extended affine Lie algebras). (English)

Zbl 1403.17024

Commun. Algebra 44, No. 12, 5309-5341 (2016).

MSC: 17B67 17B65 17B70

Full Text: DOI

Khan, M.; Azam, S.; Bosan, S.

s-topological vector spaces. (English) Zbl 1412.57013

J. Linear Topol. Algebra 4, No. 2, 153-158 (2015).

MSC: 57N17 57N99

Full Text: Link



Azam, Saeid; Nikouei, Mohammad

A length function for Weyl groups of extended affine root systems of type A_1 . (English)

Zbl 1339.20035

Algebra Colloq. 22, No. 4, 621-638 (2015).

MSC: 20F55 17B22 20F05 17B67

Reviewer: Erich W. Ellers (Toronto)

Full Text: DOI arXiv



Azam, Saeid; Yoshii, Yoji; Yousofzadeh, Malihe

Jordan tori for a torsion free abelian group. (English) Zbl 1394.17068

Front. Math. China 10, No. 3, 477-509 (2015).

MSC: 17C50 16W50 17C10

Full Text: DOI arXiv



Azam, Saeid; Neeb, Karl-Hermann

Finite dimensional compact and unitary Lie superalgebras. (English) Zbl 1387.17017

J. Pure Appl. Algebra 219, No. 10, 4422-4440 (2015).

MSC: 17B20 17B05

Full Text: DOI arXiv



Azam, Saeid; Yamane, Hiroyuki; Yousofzadeh, Malihe

Classification of finite-dimensional irreducible representations of generalized quantum groups via Weyl groupoids. (English) Zbl 1357.17015

Publ. Res. Inst. Math. Sci. 51, No. 1, 59-130 (2015).

MSC: 17B37 17B10 17B20

Full Text: DOI arXiv



Azam, Saeid; Hosseini, S. Reza; Yousofzadeh, Malihe

Extended affinization of invariant affine reflection algebras. (English) Zbl 1357.17022

Osaka J. Math. 50, No. 4, 1039-1072 (2013).

MSC: 17B67 17B65

Full Text: arXiv Euclid



Azam, Saeid; Nikouei, Mohammad

Weyl groups associated with affine reflection systems of type A_1 (Coxeter type defining relations). (English) Zbl 1272.20041

Publ. Res. Inst. Math. Sci. 49, No. 1, 123-153 (2013).

MSC: 20F55 17B22 20F05 17B67

Reviewer: Erich W. Ellers (Toronto)

Full Text: DOI arXiv



Azam, Saeid; Yamane, Hiroyuki; Yousofzadeh, Malihe

Reflectable bases for affine reflection systems. (English) Zbl 1305.17011

J. Algebra 371, 63-93 (2012).

MSC: 17B22 17B67 20F55 51F15

Full Text: DOI arXiv



Azam, Saeid; Yousofzadeh, Malihe

Root systems arising from automorphisms. (English) Zbl 1292.17010

J. Algebra Appl. 11, No. 3, 1250057, 29 p. (2012).

MSC: 17B22 17B67 17B70

Full Text: DOI

Azam, Saeid; Shahsanaei, Valiollah

Extended affine Weyl groups: presentation by conjugation via integral collection. (English)

Zbl 1257.20041

Commun. Algebra 39, No. 2, 730-749 (2011).

MSC: 20F55 17B22 20F05

Full Text: DOI arXiv



Azam, Saeid; Yamane, Hiroyuki; Yousofzadeh, Malihe

A finite presentation of universal coverings of Lie tori. (English) Zbl 1204.17018

Publ. Res. Inst. Math. Sci. 46, No. 3, 507-548 (2010).

MSC: 17B67 17B65 17B35 17B70

Reviewer: Jean-Marie Bois (Kiel)

Full Text: DOI arXiv



[Azam, Saeid; Khalili, Valiollah](#)

Lie tori and their fixed point subalgebras. (English) Zbl 1184.17009

Algebra Colloq. 16, No. 3, 381-396 (2009).

MSC: 17B67 17B22

Full Text: [DOI Link](#)

[Azam, Saeid; Shahsanaei, Valiollah](#)

Extended affine Weyl groups of type A_1 . (English) Zbl 1162.20026

J. Algebr. Comb. 28, No. 4, 481-493 (2008).

MSC: 20F55 20F05 17B20

Full Text: [DOI EMIS](#)



[Azam, Saeid](#)

Derivations of tensor product algebras. (English) Zbl 1209.17015

Commun. Algebra 36, No. 3, 905-927 (2008).

MSC: 17B40 17B67 17B65

Full Text: [DOI arXiv](#)



[Azam, Saeid; Shahsanaei, Valiollah](#)

On the presentations of extended affine Weyl groups. (English) Zbl 1144.20020

Publ. Res. Inst. Math. Sci. 44, No. 1, 131-161 (2008).

MSC: 20F55 20F05 17B20 17B67

Full Text: [DOI](#)

[Azam, Saeid; Shahsanaei, Valiollah](#)

Presentation by conjugation for A_1 -type extended affine Weyl groups. (English)

Zbl 1144.20311

J. Algebra 319, No. 5, 1932-1953 (2008).

MSC: 20F55 20F05 17B20 17B67

Full Text: [DOI](#)



[Azam, Saeid; Shahsanaei, Valiollah](#)

Presentation by conjugation for A_1 -type extended affine Weyl groups. (English)

Zbl 1143.20024

J. Algebra 319, No. 4, 1428-1449 (2008).

MSC: 20F55 20F05 17B20 17B67

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[Azam, Saeid](#)

Derivations of multi-loop algebras. (English) Zbl 1172.17016

Forum Math. 19, No. 6, 1029-1045 (2007).

MSC: 17B67 17B40 17B65

Reviewer: [Juan Núñez Valdés \(Sevilla\)](#)

Full Text: [DOI](#)

[Azam, Saeid; Shahsanaei, Valiollah](#)

Simply laced extended affine Weyl groups (a finite presentation). (English) Zbl 1133.20026

Publ. Res. Inst. Math. Sci. 43, No. 2, 403-424 (2007).

MSC: 20F55 17B20 20F05 17B67

Reviewer: [Ye Jiachen \(Shanghai\)](#)

Full Text: [DOI arXiv Link](#)



[Azam, Saeid](#)

Generalized reductive Lie algebras: connections with extended affine Lie algebras and Lie tori. (English) [Zbl 1105.17012](#)
Can. J. Math. 58, No. 2, 225-248 (2006).
MSC: [17B65](#) [17B67](#) [17B40](#)

Reviewer: [Duncan J. Melville](#) (Canton)

Full Text: [DOI](#)

[Azam, Saeid](#); [Berman, Stephen](#); [Yousofzadeh, Malihe](#)

Fixed point subalgebras of extended affine Lie algebras. (English) [Zbl 1128.17020](#)
J. Algebra 287, No. 2, 351-380 (2005).
MSC: [17B67](#)

Full Text: [DOI](#) [arXiv](#)



[Azam, Saeid](#); [Khalili, Valiollah](#); [Yousofzadeh, Malihe](#)

Extended affine root systems of type BC . (English) [Zbl 1100.17003](#)
J. Lie Theory 15, No. 1, 145-181 (2005).
MSC: [17B20](#)

Reviewer: [Mark R. Sepanski](#) (Waco)

Full Text: [EuDML](#) [EMIS](#)



[Azam, Saeid](#)

Generalized reductive Lie algebras. [arXiv:math/0403013](#)
Preprint, arXiv:math/0403013 [math.QA] (2005).
MSC: [17B65](#) [17B60](#) [17B67](#)

Full Text: [arXiv](#)



[Azam, Saeid](#)

Nonreduced extended affine Weyl groups. (English) [Zbl 1093.20021](#)
J. Algebra 269, No. 2, 508-527 (2003).
MSC: [20F55](#) [17B20](#) [17B67](#) [20E07](#)

Full Text: [DOI](#)



[Azam, Saeid](#)

Generalized loop algebras, extended affine Lie algebras and root systems. (English)
[Zbl 1030.17026](#)

Bajo, Ignacio (ed.) et al., Proceedings of the 1st colloquium on Lie theory and applications, Universidade de Vigo, Vigo, Spain, July 17-22, 2000. Vigo: Universidade de Vigo, Servicio de Publicacións. Colecc. Congr. 35, 25-35 (2002).
MSC: [17B67](#)

[Azam, Saeid](#)

Extended affine root systems. (English) [Zbl 1014.17020](#)
J. Lie Theory 12, No. 2, 515-527 (2002).
MSC: [17B65](#)

Reviewer: [Gordon Brown](#) (Boulder)

Full Text: [EuDML](#) [EMIS](#)



[Azam, Saeid](#)

Classification of extended affine root systems. (English) [Zbl 1005.17017](#)
Proceedings of the 31st Iranian mathematics conference, Tehran, Islamic Republic of Iran, August 27-30, 2000. Tehran: University of Tehran, 169-176 (2000).
MSC: [17B65](#)

[Azam, Saeid](#)

Construction of extended affine Lie algebras by the twisting process. (English) [Zbl 0972.17014](#)
Commun. Algebra 28, No. 6, 2753-2781 (2000).
MSC: 17B67 17B65

Reviewer: [Dražen Adamović \(Zagreb\)](#)

Full Text: [DOI](#)

[Azam, Saeid](#)

A presentation for reduced extended affine Weyl groups. (English) [Zbl 0952.20028](#)
Commun. Algebra 28, No. 1, 465-488 (2000).
MSC: 20F55 20F05 17B20

Reviewer: [Chen Chengdong \(Shanghai\)](#)

Full Text: [DOI](#)

[Azam, Saeid](#)

On the relation of extended affine Weyl groups and indefinite Weyl groups. (English)
[Zbl 1038.17019](#)
J. Algebra 222, No. 1, 174-189 (1999).
MSC: 17B67

Full Text: [DOI](#)



[Azam, Saeid](#)

Extended affine Weyl groups. (English) [Zbl 0927.17013](#)
J. Algebra 214, No. 2, 571-624 (1999).
MSC: 17B67 20F55 17B20

Reviewer: [Volodymyr Mazorchuk \(Kyiv\)](#)

Full Text: [DOI](#)



[Azam, Saeid](#)

Nonreduced extended affine root systems of nullity 3. (English) [Zbl 0897.17007](#)
Commun. Algebra 25, No. 11, 3617-3654 (1997).
MSC: 17B22 17B67

Reviewer: [Andrew N. Pressley \(London\)](#)

Full Text: [DOI](#)

[Allison, Bruce N.](#); [Azam, Saeid](#); [Berman, Stephen](#); [Gao, Yun](#); [Pianzola, Arturo](#)

Extended affine Lie algebras and their root systems. (English) [Zbl 0879.17012](#)
Mem. Am. Math. Soc. 126, No. 603, 122 p. (1997)..
MSC: 17B67 17-02 17B22 17B65

Reviewer: [Andrew N. Pressley \(London\)](#)

Full Text: [DOI](#)