

Papers in *J. Algebra* during the last 5 years (2018- March 2023)
64 items

MR4512513 Pending [Ebrahimi, Ramin](#) Yoneda extensions of abelian quotient categories. *J. Algebra* 616 (2023), 212–226. [18E10](#) ([18A99](#) [18E20](#))

MR4463019 Reviewed [Abdollah, Zahra](#); [Malakooti Rad, Parastoo](#); [Ghalandarzadeh, Shaban](#); [Shahriari, Shahriar](#) On torsion elements and their annihilators. *J. Algebra* 610 (2022), 199–222. (Reviewer: John D. LaGrange) [13C70](#) ([05C25](#) [13A70](#) [13C12](#))

MR4457392 Reviewed [Yousofzadeh, Malihe](#) Representations of twisted affine Lie superalgebras—a recognition theorem. *J. Algebra* 609 (2022), 407–436. (Reviewer: Zihua Chang) [17B10](#) ([17B67](#))

MR4441339 Pending [Khosravi, Behnam](#); [Praeger, Cheryl E.](#) Normal edge-transitive Cayley graphs and Frattini-like subgroups. *J. Algebra* 607 (2022), part A, 473–498. [05C25](#) ([08A30](#) [08A35](#) [20B25](#))
[3 Citations](#)

MR4434878 Reviewed [Casas, José Manuel](#); [Hosseini, Seyedeh Narges](#) On isoclinism of Hom-Lie algebras. *J. Algebra* 606 (2022), 894–915. (Reviewer: Bintao Cao) [17B61](#) ([18G90](#))

MR4425206 Reviewed [Yousofzadeh, Malihe](#) Tensor product representations. *J. Algebra* 606 (2022), 19–29. (Reviewer: Aleksandr Nikolaevich Sergeev) [17B10](#)

MR4425205 Reviewed [Kimura, K.](#); [Pournaki, M. R.](#); [Terai, N.](#); [Yassemi, S.](#) Very well-covered graphs and local cohomology of their residue rings by the edge ideals. *J. Algebra* 606 (2022), 1–18. (Reviewer: Ashkan Nikseresht) [13F55](#) ([05C75](#) [05C90](#) [13D45](#) [13H10](#) [55U10](#))
[1 Citation](#)

MR4406398 Pending [Azimi, Y.](#) Constructing (non-)catenarian rings. *J. Algebra* 597 (2022), 266–274. [13C15](#) ([13A15](#) [13B99](#) [13C14](#))
[2 Citations](#)

MR4372130 Reviewed [Azam, Saeid](#); [Farahmand Parsa, Amir](#); [Izadi Farhadi, Mehdi](#) Integral structures in extended affine Lie algebras. *J. Algebra* 597 (2022), 116–161. (Reviewer: Ziting Zeng) [17B67](#) ([17B65](#) [19C99](#) [20G44](#) [22E65](#))
[1 Citation](#)

MR4372128 Reviewed [Behzad, Ommolbanin](#); [Contiero, André](#); [Martins, David](#) On the vertex operator representation of Lie algebras of matrices. *J. Algebra* 597 (2022), 47–74. (Reviewer: Hongyan Guo) [17B10](#) ([05E05](#) [14M15](#) [15A75](#) [17B69](#))
[1 Citation](#)

MR4352592 Reviewed [Diyanatnezhad, Raziye](#); [Nasr-Isfahani, Alireza](#) Relations for Grothendieck groups of n -cluster tilting subcategories. *J. Algebra* 594 (2022), 54–73. (Reviewer: Octavio Mendoza Hernández) [16G10](#) ([16E20](#) [18A25](#) [18F30](#))

[MR4335773](#) Reviewed [Moradifar, Pooyan](#); [Šaroch, Jan](#) Finitistic dimension conjectures via Gorenstein projective dimension. *J. Algebra* 591 (2022), 15–35. [16E10](#) ([16D70](#))

[1 Citation](#)

[MR4295964](#) Reviewed [Aaghabali, Mehdi](#); [Bien, Mai Hoang](#) Subnormal subgroups and self-invariant maximal subfields in division rings. *J. Algebra* 586 (2021), 844–856. (Reviewer: Theo Grundhöfer)

[17A35](#) ([16K40](#))

[1 Citation](#)

[MR4291493](#) Reviewed [Akhlaghi, Zeinab](#); [Dolfi, Silvio](#); [Pacifci, Emanuele](#) On Huppert's rho-sigma conjecture. *J. Algebra* 586 (2021), 537–560. (Reviewer: Erzsébet Horváth) [20C15](#)

[1 Citation](#)

[MR4256907](#) Reviewed [Tarizadeh, Abolfazl](#); [Chen, Justin](#) Avoidance and absorbance. *J. Algebra* 582 (2021), 88–99. (Reviewer: Ünsal Tekir) [13A15](#) ([13C05](#) [13E99](#) [14A05](#))

[2 Citations](#)

[MR4243360](#) Reviewed [Asadollahi, Javad](#); [Hafezi, Rasool](#); [Sadeghi, Somayeh](#) nZ -Gorenstein cluster tilting subcategories. *J. Algebra* 580 (2021), 127–157. (Reviewer: Guoqiang Zhao) [18E10](#) ([16E65](#)

[16G10](#) [18E99](#) [18G80](#))

[2 Citations](#)

[MR4237456](#) Reviewed [Dehghani, Najmeh](#); [Tariq Rizvi, S.](#) When mutually epimorphic modules are isomorphic. *J. Algebra* 578 (2021), 433–455. [16D40](#) ([16D50](#) [16D80](#) [16E50](#) [16E60](#) [16P20](#))

[2 Citations](#)

[MR4234805](#) Reviewed [Hosseini, Seyedeh Narges](#); [Edalatzadeh, Behrouz](#); [Salemkar, Ali Reza](#) Characterizing nilpotent Leibniz algebras by their multiplier. *J. Algebra* 578 (2021), 356–370. (Reviewer: Zeynep Özkurt) [17A32](#)

[MR4200710](#) Reviewed [Dao, Hailong](#); [Eghbali, Mohammad](#); [Lyle, Justin](#) Hom and Ext, revisited. *J. Algebra* 571 (2021), 75–93. (Reviewer: Justin Hoffmeier) [13D05](#) ([13C13](#) [13D02](#) [13H05](#) [13H10](#))

[5 Citations](#)

[MR4198198](#) Reviewed [Rouzbahani Malayeri, Mohammad](#); [Saeedi Madani, Sara](#); [Kiani, Dariush](#) Binomial edge ideals of small depth. *J. Algebra* 572 (2021), 231–244. (Reviewer: Yi-Huang Shen)

[05E40](#) ([13C15](#))

[6 Citations](#)

[MR4190564](#) Reviewed [Darehgazani, Abbas](#); [Shirnejad, Fateme](#); [Yousofzadeh, Malihe](#) Affine Lie superalgebras. *J. Algebra* 570 (2021), 636–677. (Reviewer: Stefano Capparelli) [17B67](#)

[1 Citation](#)

[MR4190563](#) Reviewed [Hedayatzadeh, S. Mohammad Hadi](#) Explicit isomorphism between Cartier and Dieudonné modules. *J. Algebra* 570 (2021), 611–635. (Reviewer: Wen-Wei Li) [14L15](#) ([14G17](#))

[MR4186635](#) Reviewed [Facchini, Alberto](#); [Nazemian, Zahra](#); [Příhoda, Pavel](#) Covering classes and uniserial modules. *J. Algebra* 570 (2021), 1–23. (Reviewer: Jian Long Chen) [16P70](#) ([16S50](#) [16W80](#))

1 Citation

MR4183856 [Reviewed](#) [Khukhro, E. I.](#); [Moretó, Alexander](#); [Zarrin, M.](#) The average element order and the number of conjugacy classes of finite groups. *J. Algebra* **569** (2021), 1–11. (Reviewer: Zeinab Akhlaghi) [20D15](#) ([20C15](#) [20D60](#) [20E45](#))

4 Citations

MR4164946 [Reviewed](#) [Safa, Hesam](#) On the dimension of the Schur Lie-multiplier of a pair of Leibniz algebras. *J. Algebra* **567** (2021), 705–718. (Reviewer: Jörg Feldvoss) [17A32](#) ([17B55](#) [18B99](#))

4 Citations

MR4146855 [Reviewed](#) [Yousofzadeh, Malihe](#) Finite weight modules over twisted affine Lie superalgebras. *J. Algebra* **564** (2020), 436–479. (Reviewer: Zhihua Chang) [17B10](#) ([17B65](#))

3 Citations

MR4137694 [Reviewed](#) [Jahandoust, Saeed](#); [Sharif, Tirdad](#) Quintessential-modulated ideals. *J. Algebra* **564** (2020), 119–150. (Reviewer: Monireh Sedghi) [13E05](#) ([13A15](#) [13B22](#))

MR4134874 [Reviewed](#) [Ebrahimi, Ramin](#); [Nasr-Isfahani, Alireza](#) Representation of n -abelian categories in abelian categories. *J. Algebra* **563** (2020), 352–375. (Reviewer: Wolfgang Rump) [18E10](#) ([18E20](#) [18E99](#))

2 Citations

MR4124837 [Reviewed](#) [Shimomoto, Kazuma](#); [Taniguchi, Naoki](#); [Tavanfar, Ehsan](#) A study of quasi-Gorenstein rings II: Deformation of quasi-Gorenstein property. *J. Algebra* **562** (2020), 368–389. (Reviewer: Lizhong Chu) [13A02](#) ([13D45](#) [13H10](#))

1 Citation

MR4104446 [Reviewed](#) [Mohsenipour, Shahram](#) Discrete orderings in the real spectrum. *J. Algebra* **560** (2020), 1–16. (Reviewer: Tobias Kaiser) [06F25](#) ([03C60](#) [14P99](#) [16W80](#))

MR4065997 [Reviewed](#) [Maleki, Rasoul Ahangari](#); [Sega, Liana M.](#) The absolutely Koszul and Backelin-Roos properties for spaces of quadrics of small codimension. *J. Algebra* **551** (2020), 232–284. (Reviewer: Yonggang Hu) [13D02](#) ([16S37](#))

MR4054063 [Reviewed](#) [Azarpanah, F.](#); [Hesari, A. A.](#); [Salehi, A. R.](#) Computation of depth in $C(X)$. *J. Algebra* **550** (2020), 54–68. (Reviewer: Omid Ali Shahnay Karamzadeh) [54C40](#) ([13A15](#))

MR4052279 [Reviewed](#) [Behboodi, M.](#); [Moradzadeh-Dehkordi, A.](#); [Qourchi Nejadi, M.](#) Virtually uniserial modules and rings. *J. Algebra* **549** (2020), 365–385. (Reviewer: Ross P. Abraham) [16D70](#) ([13A18](#) [13F30](#) [16D60](#))

2 Citations

MR4050672 [Reviewed](#) [Ebrahimi, Ramin](#); [Nasr-Isfahani, Alireza](#) Pure semisimple n -cluster tilting subcategories. *J. Algebra* **549** (2020), 177–194. [16G10](#) ([16E30](#) [18E99](#))

2 Citations

[MR4050669](#) Reviewed [Edalatzadeh, Behrouz](#); [Hosseini, Seyedeh Narges](#); [Salemkar, Ali Reza](#) On characterizing pairs of nilpotent Lie algebras by their second relative homologies. *J. Algebra* [549](#) (2020), 112–127. (Reviewer: Jörg Feldvoss) [17B30](#) ([17B55](#))

[MR4019081](#) Reviewed [Amirzadeh Dana, P.](#); [Moussavi, A.](#) Polynomial extensions of modules with the quasi-Baer property. *J. Algebra* [542](#) (2020), 230–248. (Reviewer: Xiaoqiang Luo) [16D80](#) ([16D40](#) [16D70](#))

[MR4016942](#) Reviewed [Seyed Fakhari, S. A.](#) Regularity of symbolic powers of edge ideals of unicyclic graphs. *J. Algebra* [541](#) (2020), 345–358. (Reviewer: Clare D'Cruz) [13D02](#) ([05E99](#) [13F55](#))
[11 Citations](#)

[MR4002622](#) Reviewed [Shirnejad, Fateme](#); [Yousofzadeh, Malihe](#) Extended affine root supersystems of type $A(\ell, \ell)$. *J. Algebra* [540](#) (2019), 42–62. (Reviewer: Hiro-Fumi Yamada) [17B67](#)
[1 Citation](#)

[MR3980472](#) Reviewed [Facchini, Alberto](#); [Heidari Zadeh, Leila](#) On a partially ordered set associated to ring morphisms. *J. Algebra* [535](#) (2019), 456–479. (Reviewer: Zhong Kui Liu) [16B50](#) ([16S85](#))
[2 Citations](#)

[MR3979079](#) Reviewed [Chang, Gyu Whan](#); [Hamdi, Haleh](#) Noetherian extensions of commutative rings. *J. Algebra* [534](#) (2019), 344–357. (Reviewer: Hamed Ahmed) [13A15](#) ([13E05](#) [13F05](#))

[MR3975712](#) Reviewed [Niroomand, Peyman](#); [Johari, Farangis](#) Some results on the Schur multipliers of nilpotent Lie algebra. *J. Algebra* [534](#) (2019), 34–50. (Reviewer: José María Ancochea Bermúdez) [17B30](#) ([17B05](#) [17B99](#))
[2 Citations](#)

[MR3959168](#) Reviewed [Ladra, Manuel](#); [Shahryari, Mohammad](#); [Zargeh, Chia](#) HNN-extensions of Leibniz algebras. *J. Algebra* [532](#) (2019), 183–200. (Reviewer: Ismail Demir) [17A32](#) ([16S15](#) [17A36](#) [17B30](#))
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[MR3959164](#) Reviewed [Yousofzadeh, Malihe](#) Extended affine Lie superalgebras containing Cartan subalgebras. *J. Algebra* [532](#) (2019), 61–79. (Reviewer: Stephen Slebarski) [17B67](#)
[2 Citations](#)

[MR3952142](#) Reviewed [Bigdeli, Mina](#); [Yazdan Pour, Ali Akbar](#); [Zaare-Nahandi, Rashid](#) Decomposable clutters and a generalization of Simon's conjecture. *J. Algebra* [531](#) (2019), 102–124. (Reviewer: Rahim Zaare-Nahandi) [13D02](#) ([05C65](#) [05E45](#) [13F55](#))
[8 Citations](#)

[MR3951493](#) Reviewed [Fallah-Moghaddam, R.](#) Maximal subgroups of $SL_n(D)$. *J. Algebra* [531](#) (2019), 70–82. (Reviewer: Bui Xuan Hai) [16K20](#) ([15B33](#) [20H25](#))
[3 Citations](#)

[MR3934522](#) Reviewed [Azarpanah, F.](#); [Esmailvandi, D.](#); [Salehi, A. R.](#) Depth of ideals of $C(X)$. *J. Algebra* [528](#) (2019), 474–496. (Reviewer: Omid Ali Shahny Karamzadeh) [13A15](#) ([54C40](#))

2 Citations

MR3910809 [Reviewed Hosseini, Esmail](#) On λ -pure acyclic complexes in a Grothendieck category. *J. Algebra* [525 \(2019\)](#), 245–258. (Reviewer: Sinem Odabaşı) [18E15 \(03E75 18G35\)](#)

1 Citation

MR3900718 [Reviewed Bahlekeh, Abdolnaser; Fotouhi, Fahimeh Sadat; Salarian, Shokrollah](#) Gorenstein orders of finite lattice type. *J. Algebra* [523 \(2019\)](#), 15–33. (Reviewer: Min Huang) [16G30 \(13H10 16G60\)](#)

MR3863472 [Reviewed Baniasad Azad, Morteza; Khosravi, Behrooz](#) A criterion for solvability of a finite group by the sum of element orders. *J. Algebra* [516 \(2018\)](#), 115–124. (Reviewer: Xiuyun Guo) [20D60 \(20D10 20F16\)](#)

18 Citations

MR3859963 [Reviewed Saeedi Madani, Sara; Kiani, Dariush](#) Binomial edge ideals of regularity 3. *J. Algebra* [515 \(2018\)](#), 157–172. (Reviewer: Nursel Erey) [13D02 \(05E40\)](#)

19 Citations

MR3853060 [Reviewed Eliahou, Shalom; Herzog, Jürgen; Mohammadi Saem, Maryam](#) Monomial ideals with tiny squares. *J. Algebra* [514 \(2018\)](#), 99–112. (Reviewer: Somayeh Bandari) [13F20](#)

11 Citations

MR3853057 [Reviewed Fazelpour, Ziba; Nasr-Isfahani, Alireza](#) Connections between representation-finite and Köthe rings. *J. Algebra* [514 \(2018\)](#), 25–39. (Reviewer: Yuming Liu) [16D70 \(16D90 16G60\)](#)

1 Citation

MR3849885 [Reviewed Nasrollah Nejad, Abbas; Shahidi, Zahra; Zaare-Nahandi, Rashid](#) Torsion-free Aluffi algebras. *J. Algebra* [513 \(2018\)](#), 190–207. (Reviewer: Huy Tài Hà) [13A30 \(13C12 13D02 13E15\)](#)

2 Citations

MR3841517 [Reviewed Dolfi, Silvio; Khedri, Khatoon; Pacifici, Emanuele](#) Groups whose degree graph has three independent vertices. *J. Algebra* [512 \(2018\)](#), 66–80. (Reviewer: Marco Antonio Pellegrini) [20C15 \(05C25 05E18\)](#)

1 Citation

MR3834785 [Reviewed Edalatzadeh, Behrouz; Hosseini, Seyedeh Narges](#) Characterizing nilpotent Leibniz algebras by a new bound on their second homologies. *J. Algebra* [511 \(2018\)](#), 486–498. (Reviewer: José M. Sánchez Delgado) [17A32](#)

4 Citations

MR3834772 [Reviewed Gil Canto, Cristóbal; Nasr-Isfahani, Alireza](#) The commutative core of a Leavitt path algebra. *J. Algebra* [511 \(2018\)](#), 227–248. (Reviewer: Roozbeh Hazrat) [16W99 \(16D70\)](#)

9 Citations

MR3828790 [Reviewed Fløystad, Gunnar; Nematbakhsh, Amin](#) Rigid ideals by deforming quadratic letterplace ideals. *J. Algebra* [510 \(2018\)](#), 413–457. (Reviewer: Timothy B. P. Clark) [13F20 \(05E18 13D40\)](#)

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[MR3807051](#) [Reviewed Asashiba, Hideto; Hafezi, Rasool; Vahed, Raziieh](#) Gorenstein versions of covering techniques for linear categories and their applications. *J. Algebra* **507** (2018), 320–361. (Reviewer: Luis Oyonarte) [18A32](#) ([16B50](#) [16E65](#) [16G20](#))

[3 Citations](#)

[MR3789921](#) [Reviewed Niroomand, Peyman; Johari, Farangis](#) The structure, capability and the Schur multiplier of generalized Heisenberg Lie algebras. *J. Algebra* **505** (2018), 482–489. (Reviewer: Harald Löwe) [17B30](#) ([17B05](#))

[8 Citations](#)

[MR3779998](#) [Reviewed Zangoiezhadeh, Ebrahim; Khashyarmanesh, Kazem](#) Some splitting theorems for extension and torsion functors of local cohomology modules. *J. Algebra* **503** (2018), 329–339. (Reviewer: Majid Rahro Zargar) [13D45](#) ([13D07](#))

[1 Citation](#)

[MR3768134](#) [Reviewed Edalatzadeh, Behrouz; Pourghobadian, Parisa](#) Leibniz algebras with small derived ideal. *J. Algebra* **501** (2018), 215–224. (Reviewer: Nil Mansuroğlu) [17A32](#)

[5 Citations](#)

[MR3768125](#) [Reviewed Nokhodkar, A.-H.](#) Separable extensions of orthogonal involutions in characteristic two. *J. Algebra* **501** (2018), 44–50. [16W10](#) ([11E04](#) [16K20](#))

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[MR3726109](#) [Reviewed Salemkar, Ali Reza; Aslizadeh, Arezoo](#) The nilpotent multipliers of the direct sum of Lie algebras. *J. Algebra* **495** (2018), 220–232. (Reviewer: Bing Sun) [17B05](#) ([17B30](#))

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[MR3723171](#) [Reviewed Eshraghi, Hossein](#) Representation dimension via tilting theory. *J. Algebra* **494** (2018), 77–91. (Reviewer: Tiwei Zhao) [16E10](#) ([16G10](#) [16G50](#) [18G25](#))