

LIST OF PUBLICATIONS
Ernesto Spinelli

Papers in international peer-reviewed journals:

- [1] T. Juhasz - G.T. Lee - S.K. Sehgal - E. Spinelli: **On the lower bound for the derived length of the unit group of a nontorsion group algebra.** *Algebr. Represent. Theory*, DOI:10.1007/s10468-019-09855-x, in press.
- [2] O.M. Di Vincenzo - V.R.T. da Silva - E. Spinelli: **A characterization of minimal varieties of \mathbb{Z}_p -graded PI algebras.** *J. Algebra* **539** (2019), 397-418.
- [3] O.M. Di Vincenzo - V.R.T. da Silva - E. Spinelli: **Minimal superalgebras generating minimal supervarieties.** *Math. Z.* **288** (2018), 383-400.
- [4] G.T. Lee - S.K. Sehgal - E. Spinelli: **Bounded Engel and solvable unitary units in group rings.** *J. Algebra* **501** (2018), 225-232.
- [5] O.M. Di Vincenzo - V.R.T. da Silva - E. Spinelli: **Minimal supervarieties with factorable ideal of graded polynomial identities.** *J. Pure Appl. Algebra* **220** (2016), 1316-1330.
- [6] G.T. Lee - E. Spinelli: **Group rings whose skew elements are bounded Lie Engel.** *J. Pure Appl. Algebra* **219** (2015), 3181-3194.
- [7] G.T. Lee - S.K. Sehgal - E. Spinelli: **Lie identities on skew elements in group algebras.** Avitabile, Marina (ed.) et al., *Lie algebras and related topics. Workshop on Lie algebras, in honor of Helmut Strade's 70th birthday, Università degli Studi di Milano-Bicocca, Milano, Italy, May 22-24, 2013.* Providence, RI: American Mathematical Society (AMS). *Contemporary Mathematics* **652** (2015), 103-121.
- [8] G.T. Lee - S.K. Sehgal - E. Spinelli: **Free groups with involution satisfying a *-group identity.** *Arch. Math. (Basel)* **104** (2015), 509-512.
- [9] O.M. Di Vincenzo - E. Spinelli: **Graded polynomial identities on upper block triangular matrix algebras.** *J. Algebra* **415** (2014), 50-64.
- [10] G.T. Lee - S.K. Sehgal - E. Spinelli: **Group rings whose unitary units are nilpotent.** *J. Algebra* **410** (2014), 343-354.
- [11] F. Catino - G.T. Lee - E. Spinelli: **Group algebras whose symmetric elements are Lie metabelian.** *Forum Math.* **26** (2014), 1459-1471.
- [12] G.T. Lee - S.K. Sehgal - E. Spinelli: **Group rings with solvable unit groups of minimal derived length.** *Algebr. Represent. Theory* **17** (2014), 1597-1601.
- [13] G.T. Lee - E. Spinelli: **Lie metabelian skew elements in group rings.** *Glasg. Math. J.* **56** (2014), 187-195.
- [14] O.M. Di Vincenzo - E. Spinelli: **On some minimal supervarieties of exponential growth.** *J. Algebra* **368** (2012), 182-198.
- [15] F. Catino - R. Rizzo - E. Spinelli: **Lie identities for skew and symmetric elements of semiprime superalgebras with superinvolution.** *J. Algebra* **368** (2012), 199-208.
- [16] O.M. Di Vincenzo - E. Spinelli: **A characterization of *-minimal algebras with involution.** *Israel J. Math.* **186** (2011), 381-400.
- [17] F. Catino - G.T. Lee - E. Spinelli: **The bounded Lie Engel property on torsion group algebras.** *J. Pure Appl. Algebra* **215** (2011), 2639-2644.
- [18] O.M. Di Vincenzo - E. Spinelli: **On the *-minimality of algebras with involution.** *J. Algebra* **323** (2010), 121-131.

- [19] G.T. Lee - S.K. Sehgal - E. Spinelli: **Nilpotency of group ring units symmetric with respect to an involution.** J. Pure Appl. Algebra **214** (2010), 1592-1597.
- [20] F. Catino - S. Siciliano - E. Spinelli: **Restricted enveloping algebras with minimal Lie derived length.** Algebr. Represent. Theory **13** (2010), 653-660.
- [21] F. Catino - E. Spinelli: **On the derived length of the unit group of a group algebra.** J. Group Theory **13** (2010), 577-588.
- [22] G.T. Lee - E. Spinelli: **Group rings whose symmetric units generate an n -Engel group.** Comm. Algebra **38** (2010), 4056-4062.
- [23] G.T. Lee - S.K. Sehgal - E. Spinelli: **Group algebras whose symmetric and skew elements are Lie solvable.** Forum Math. **21** (2009), 661-671.
- [24] G.T. Lee - S.K. Sehgal - E. Spinelli: **Lie properties of symmetric elements in group rings II.** J. Pure Appl. Algebra **213** (2009), 1173-1178.
- [25] O.M. Di Vincenzo - E. Spinelli: **Some results on $*$ -minimal algebras with involution.** Giambruno, A. (ed.) et al., Groups, Rings and Group Rings 2008. International conference, Ubatuba, Brazil, July 27 - August 2, 2008. Providence, RI: American Mathematical Society (AMS). Contemporary Mathematics **499** (2009), 75-87.
- [26] G.T. Lee - E. Spinelli: **Group rings whose symmetric units are solvable.** Comm. Algebra **37** (2009), 1604-1618.
- [27] E. Spinelli: **Lie dimension subgroups and central series related to group algebras.** Algebra Colloq. **16** (2009), 427-436.
- [28] E. Spinelli: **Group algebras with minimal Lie derived length.** J. Algebra **320** (2008), 1908-1913.
- [29] E. Spinelli: **Group algebras with minimal strong Lie derived length.** Canad. Math. Bull. **51** (2008), 291-297.
- [30] F. Catino - S. Siciliano - E. Spinelli: **A note on the nilpotency class of the unit group of a modular group algebra.** Math. Proc. R. Ir. Acad. **108** (2008), 65-68.
- [31] F. Catino - E. Spinelli: **A note on strong Lie derived length of group algebras.** Boll. Unione Mat. Ital. Sez. B Artic. Ric. Mat. **10** (2007), 83-86.
- [32] F. Catino - E. Spinelli: **Lie nilpotent group algebras and upper Lie codimension subgroups.** Comm. Algebra **34** (2006), 3859-3873.
- [33] V. Bovdi - T. Juhasz - E. Spinelli: **Modular group algebras with almost maximal Lie nilpotency indices.** Algebr. Represent. Theory **9** (2006), 259-266.
- [34] S. Siciliano - E. Spinelli: **Lie nilpotency indices of restricted universal enveloping algebras.** Comm. Algebra **34** (2006), 151-157.
- [35] S. Siciliano - E. Spinelli: **Lie metabelian restricted universal enveloping algebras.** Arch. Math. (Basel) **84** (2005), 398-405.
- [36] E. Spinelli: **Group algebras with almost maximal Lie nilpotency index.** Rend. Circ. Mat. Palermo **54** (2005), 352-358.
- [37] V. Bovdi - E. Spinelli: **Modular group algebras with maximal Lie nilpotency indices.** Publ. Math. Debrecen **65** (2004), 243-252.

Others:

- [38] E. Spinelli: **Lie properties of modular group algebras and restricted universal enveloping algebras.** Tesi di Dottorato, Dipartimento di Matematica "E. De Giorgi", Università degli Studi di Lecce (2005).

- [39] E. Spinelli: **Lie solvable group algebras and solvable unit group.** Contribution in Report 55/2007: Arithmetik von Gruppenringen (November 25th – December 1st, 2007), Oberwolfach Rep. **4** (2007), 3221-3222 e 3237.
- [40] G.T. Lee - S.K. Sehgal - E. Spinelli: **Problems on skew and symmetric elements in group rings.** Avitabile, Marina (ed.) et al., Lie algebras and related topics. Workshop on Lie algebras, in honor of Helmut Strade's 70th birthday, Università degli Studi di Milano-Bicocca, Milano, Italy, May 22-24, 2013. Providence, RI: American Mathematical Society (AMS). Contemporary Mathematics **652** (2015), 231-233.
- [41] O.M. Di Vincenzo - E. Spinelli: **Minimal varieties of PI associative (super)-algebras with respect to their (graded) exponent.** Invited contribution for the Proceedings of the International Conference "Groups, Rings and Group Rings 2014". Sao Paulo J. Math. Sci. **10** (2016), 248-262.
- [42] F. Catino - M.M. Miccoli - E. Spinelli: **Solvable rings.** Invited contribution in honour of Prof. Jenő Szep. Pure Math. Appl. **16** (2005), 125-144.
- [43] O.M. Di Vincenzo - V.R.T. da Silva - E. Spinelli: **Minimal varieties of PI-superalgebras with graded involution.** Submitted.