LIST OF SCIENTIFIC PUBLICATIONS

ERIC JESPERS

1 Publications in scientific journals with refereeing

(1) F. Cedo, E. Jespers, G. Klein, Finitely Presented Monoids and Algebras defined by Permutation Relations of Dihedral Type, IJAC, to appear 2016 (accepted 22 dec. 2015, 24 pages). DOI: 10.1142/S0218196716500089

(2) E. Jespers, J. Okninski, Krull orders in nilpotent groups: corrigendum and addendum, Archiv der Mathematik, published online DOI 10.1007/s00013-015-0860-4 (dec 2015), 4 pages. ISSN: 0003-889X

(3) F. Cedo, E. Jespers, G. Klein, Construction of a two unique product semigroup defined by permutation relations of quaternion type, Journal of Algebra 452 (2016) 196–211.


(9) F. Cedo, E. Jespers, G. Klein, Finitely Presented Monoids and Algebras defined by Permutation Relations of Abelian Type, II, Journal of Pure and Applied Algebra 219 (2015), 1095–1102. DOI: 10.1016/j.jpaa.2014.05.037. ISSN: 0022-4049


(11) F. Cedo, E. Jespers, J. Okninski, Nilpotent groups of class three and braces, Publ. Mat. 60 (2016), 55–79 DOI: 10.5565/PUBLMAT 60116 03


15. E. Jespers, S. O. Juriaans, A. Kiefer, A. de A. e Silva and A. C. Souza Filho From the Poincaré Theorem to generators of the unit group of integral group rings of finite groups, Math. Comp. 84 (2015), no. 293, 1489–1520. ISSN 1088-6842 (online) ISSN 0025-5718 (print)


18. E. Jespers, M.H. Shahzamanian, A description of a class of finite semigroups that are near to being Malcev nilpotent, J. Algebra Appl. 12, 1250221 (2013) [26 pages] DOI: 10.1142/S0219498812502210 Print ISSN: 0219-4988


26. F. Cedo, E. Jespers, J. Okninski, Algebras and groups defined by permutation relations of alternating type, J. Algebra 324 (2010), no. 6, 1290–1313. ISSN: 0021-8693


(43) I. Goffa, E. Jespers, Monoids of IG-type and maximal orders, J. Algebra 308 (2007), no. 1, 44–62. ISSN 0021–8693


(49) E. Jespers, J. Okninski, Monoids and groups of I-type, Algebras and Representation Theory vol. 8 (no. 5) (2005), 709–729.
(53) A. Dooms, E. Jespers, Generators for a Subgroup of Finite Index in the Unit Group of an Integral Semigroup Ring, J. Group Theory 7 no.4 (2004), 543–553.
(64) E. Jespers, J. Okninski, Semigroup algebras and noetherian maximal orders, J. Algebra 238 (2001), 590–622. ISSN 0021–8693
(79) E. Jespers, J. Okninski, Semigroup algebras that are principal ideal rings, J. Algebra 183 (1996), 837–863. ISSN 0021–8693
(90) E. Jespers, G. Leal, Degree 1 and 2 representations of nilpotent groups and applications to units of group rings, Manuscripta Mathematica 86 (1995), 479–498.
(104) E. Jespers, G. Leal, Generators of large subgroups of the unit group of integral group rings, Manuscripta Mathematica 78(1993), 303–315.
(114) E. Jespers, G. Leal, Describing units of integral group rings of some 2-groups, Comm. in Algebra 19 (6) (1991), 1809-1827.
(128) B. W. Green, E. Jespers, On the embedding of ideals in some one dimensional local rings, Arch. der Math. 50 (1988), 125-127.
(134) E. Jespers, On $\Omega$-Krull rings, Questiones Mathemticae 9 (1986), 311-338.
(138) E. Jespers, On radicals of graded rings and applications to semigroup rings, Comm. in Algebra 13 (11) (1985), 2457-2472.
(139) P. Wauters, E. Jespers, Asano-orders and graded rings, Comm. in Algebra 13 (4) (1985), 811-833.
(140) E. Jespers, P. F. Smith, Integral group rings of torsion-free polycyclic-by-finite groups are maximal orders, Comm. in Algebra 16(3) (1985), 669-680.
(146) E. Jespers, $\Omega$-Krull rings and skew semigroup rings, Comm. in Algebra 12 (3) (1984), 345-376.
(147) E. Jespers, On geometrical $\Omega$-Krull rings, Comm. in Algebra 7 (11) (1983), 771-792.

2 Publications in conference proceedings with refereeing
(1) E. Jespers, Groups and set theoretic solutions of the Yang-Baxter equation, Note di Matematica 30, no.1 (2010), 1–12.


3 Publications in conference proceedings without refereeing


4 Publications: books


5 Papers submitted for publication

(2) A. Gordienko, G. Janssens, E. Jespers, Semigroup graded algebras and the graded pi-exponent, 42 pages.
(3) David Bachiller, Ferran Cedó, Eric Jespers, Solutions of the Yang-Baxter equation associated with a left brace, 18 pages.
(4) D. Bachiller, F. Cedó, E. Jespers, J. Okninski, A family of irretractable square-free solutions of the Yang-Baxter equation, 24 pages.

6 Papers in preparation
(1) E. Jespers, M. Van Campenhout, Finitely generated algebras defined by homogeneous quadratic monomial relations and their underlying monoids II.
(2) G. Janssens, E. Jespers, D. Temmerman, Construction of free groups and monoids on generic constructions of units.
(3) E. Jespers, D. Riley, Verbal Spaces.
(4) D. Bachiller, F. Cedo, E. Jespers, J. Okninski, Constructions of simple left braces.