LIST OF PUBLICATIONS

SEIDON ALSAODY

Papers.

(9) (With P. Gille) Isotopes of Octonion Algebras, $\mathbf{G}_2$-Torsors and Triality. Submitted for publication. Preprint

(8) (With A. Stolin) Lie Bialgebras, Fields of Cohomological Dimension at Most 2 and Hilbert's Seventeenth Problem. J. Algebra 476 (2017), 368–394. Link Preprint

(7) Composition Algebras and Outer Automorphisms of Algebraic Groups via Triality. Comm. Algebra 45 (2017), 2401–2416. Link Preprint

(6) Classification of the Finite-Dimensional Real Division Composition Algebras having a Non-Abelian Derivation Algebra. J. Algebra 445 (2016), 35–77. Link Preprint

(5) An Approach to Finite-Dimensional Real Division Composition Algebras through Reflections. Bull. Sci. Math. 139 (2015), 357–399. Link

(4) Corestricted Group Actions and Eight-Dimensional Absolute Valued Algebras. J. Pure Appl. Algebra 219 (2015), 1519–1547. Link

(3) Morphisms in the Category of Finite-Dimensional Absolute Valued Algebras. Colloq. Math. 125 (2011), 147–174. Link

(2) (With J. Serra) Connective Segmentation Generalized to Arbitrary Complete Lattices. In: P. Soille, M. Pesaresi, and G. K. Ouzounis (Eds.): ISMM 2011, LNCS 6671 (2011), 61–72. Link

(1) Determining the Elements of a Semigroup. U.U.D.M. Report 2007:3, ISSN 1101-3591, Dept. of Mathematics, Uppsala University.

Theses.

- A Categorical Study of Composition Algebras via Group Actions and Triality. Doctoral Thesis. (Based on (3)–(7) above.) Uppsala University, 2015. Link

- Generalisations of the Algebraic Theory of Connective Segmentation. Master Thesis. (Condensed into (2) above.) Uppsala University/ESIEE Paris, 2010. Link