

LIST OF PUBLICATIONS

- 1) [Grabowska, Katarzyna](#); [Grabowski, Janusz](#) Solvable Lie algebras of vector fields and a Lie's conjecture. [SIGMA Symmetry Integrability Geom. Methods Appl. 16 \(2020\)](#), Paper No. 065, 14 pp.
- 2) [Grabowska, Katarzyna](#); [Grabowski, Janusz](#); [Kuś, Marek](#); [Marmo, Giuseppe](#) Lie groupoids in information geometry. [J. Phys. A 52 \(2019\), no. 50](#), 505202, 22 pp.
- 3) [Cariñena, J. F.](#); [Grabowski, J.](#); [de Lucas, J.](#) Quasi-Lie schemes for PDEs. [Int. J. Geom. Methods Mod. Phys. 16 \(2019\), no. 7](#), 1950096, 36 pp.
- 4) [Bruce, Andrew James](#); [Grabowski, Janusz](#), Pre-Courant algebroids. [J. Geom. Phys. 142 \(2019\)](#), 254–273.
- 5) [Grabowski, Janusz](#); [Kuś, Marek](#); [Marmo, Giuseppe](#); [Shulman, Tatiana](#), Geometry of quantum dynamics in infinite-dimensional Hilbert space. [J. Phys. A 51 \(2018\), no. 16](#), 165301, 35 pp.
- 6) [Grabowska, Katarzyna](#); [Grabowski, Janusz](#), n -tuple principal bundles. [Int. J. Geom. Methods Mod. Phys. 15 \(2018\), no. 12](#), 1850211, 18 pp.
- 7) [Bruce, Andrew James](#); [Grabowski, Janusz](#); [Vitagliano, Luca](#), Representations up to homotopy from weighted Lie algebroids. [J. Lie Theory 28 \(2018\), no. 3](#), 715–737.
- 8) [Bruce, Andrew James](#); [Grabowska, Katarzyna](#); [Grabowski, Janusz](#), On the concept of a filtered bundle. [Int. J. Geom. Methods Mod. Phys. 15 \(2018\), no. 1](#), 1850013, 34 pp.
- 9) [Grabowski, Janusz](#); [Jóźwikowski, Michał](#); [Rotkiewicz, Mikołaj](#), Duality for graded manifolds. [Rep. Math. Phys. 80 \(2017\), no. 1](#), 115–142.
- 10) [Bruce, Andrew James](#); [Grabowska, Katarzyna](#); [Grabowski, Janusz](#) Remarks on contact and Jacobi geometry. [SIGMA Symmetry Integrability Geom. Methods Appl. 13 \(2017\)](#), Paper No. 059, 22 pp.
- 11) [Bruce, Andrew James](#); [Grabowska, Katarzyna](#); [Grabowski, Janusz](#) Introduction to graded bundles. [Note Mat. 37 \(2017\), suppl. 1](#), 59–74.
- 12) [Grabowska, Katarzyna](#); [Grabowski, Janusz](#) Remarks on generalized Lie algebroids and related concepts. [J. Math. Phys. 58 \(2017\), no. 2](#), 023505, 7 pp.
- 13) [Grabowski, Janusz](#); [Bruce, Andrew J.](#); [Grabowska, Katarzyna](#); [Urbański, Paweł](#) New developments in geometric mechanics. *Geometry of jets and fields*, 57–72, [Banach Center Publ., 110, Polish Acad. Sci. Inst. Math., Warsaw, 2016](#).
- 14) [Cariñena, José F.](#); [Rañada, Manuel F.](#); [Falceto, Fernando](#); [Grabowski, Janusz](#) Revisiting Lie integrability by quadratures from a geometric perspective. *Geometry of jets and fields*, 25–40, [Banach Center Publ., 110, Polish Acad. Sci. Inst. Math., Warsaw, 2016](#).
- 15) [Grabowski, Janusz](#) An introduction to loopoids. [Comment. Math. Univ. Carolin. 57 \(2016\), no. 4](#), 515–526.
- 16) [Bruce, Andrew James](#); [Grabowski, Janusz](#); [Rotkiewicz, Mikołaj](#) Polarisation of graded bundles. [SIGMA Symmetry Integrability Geom. Methods Appl. 12 \(2016\)](#), Paper No. 106, 30 pp.

- 17) [Covolo, Tiffany; Grabowski, Janusz; Poncin, Norbert](#) Splitting theorem for Z^{n-2} -supermanifolds. [J. Geom. Phys.](#) 110 (2016), 393–401.
- 18) [Cariñena, J. F.; Falceto, F.; Grabowski, J.](#) Solvability of a Lie algebra of vector fields implies their integrability by quadratures. [J. Phys. A](#) 49 (2016), no. 42, 425202, 13 pp.
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- 21) [Bruce, Andrew James; Grabowska, Katarzyna; Grabowski, Janusz](#) Graded bundles in the category of Lie groupoids. [SIGMA Symmetry Integrability Geom. Methods Appl.](#) 11 (2015), Paper 090, 25 pp.
- 22) [Cariñena, J. F.; Falceto, F.; Grabowski, J.; Rañada, M. F.](#) Geometry of Lie integrability by quadratures. [J. Phys. A](#) 48 (2015), no. 21, 215206, 18 pp.
- 23) [Bruce, Andrew James; Grabowska, Katarzyna; Grabowski, Janusz](#) Higher order mechanics on graded bundles. [J. Phys. A](#) 48 (2015), no. 20, 205203, 32 pp.
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