

## LIST OF PUBLICATIONS

- 1) Grabowska, Katarzyna; Grabowski, Janusz; Kuś, Marek; Marmo, Giuseppe, Lifting statistical structures. [Rev. Math. Phys. 35 \(2023\), no. 2](#), Paper No. 2250042, 51 pp.
- 2) Grabowska, Katarzyna; Grabowski, Janusz, A geometric approach to contact Hamiltonians and contact Hamilton-Jacobi theory. [J. Phys. A 55 \(2022\), no. 43](#), Paper No. 435204, 34 pp.
- 3) Grabowska, Katarzyna; Grabowski, Janusz; Ravanpak, Zohreh, VB-structures and generalizations. [Ann. Global Anal. Geom. 62 \(2022\), no. 1](#), 235–284.
- 4) Grabowski, Janusz; Ravanpak, Zohreh, Nonassociative analogs of Lie groupoids. [Differential Geom. Appl. 82 \(2022\)](#), Paper No. 101887, 32 pp.
- 5) Grabowska, Katarzyna; Grabowski, Janusz; Ravanpak, Zohreh, Transitive Lie algebras of nilpotent vector fields and their Tanaka prolongations. [J. Lie Theory 31 \(2021\), no. 4](#), 1003–1014.
- 6) Bruce, Andrew James; Grabowski, Janusz, Symplectic  $Z^{n-2}$ -manifolds. [J. Geom. Mech. 13 \(2021\), no. 3](#), 285–311.
- 7) Grabowski, Janusz; Ravanpak, Zohreh, Discrete mechanics on unitary octonions. [Int. J. Geom. Methods Mod. Phys. 18 \(2021\), no. 6](#), 2150093, 20 pp.
- 8) Grabowska, Katarzyna; Grabowski, Janusz; Kuś, Marek; Marmo, Giuseppe, Information geometry on groupoids: the case of singular metrics. [Open Syst. Inf. Dyn. 27 \(2020\), no. 3](#), 2050015, 19 pp.
- 9) Bruce, Andrew James; Grabowski, Janusz, Odd connections on supermanifolds: existence and relation with affine connections. [J. Phys. A 53 \(2020\), no. 45](#), 455203, 24 pp.
- 10) 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.
- 11) Grabowska, Katarzyna; Grabowski, Janusz; Kuś, Marek; Marmo, Giuseppe, Lie groupoids in information geometry. [J. Phys. A 52 \(2019\), no. 50](#), 505202, 22 pp.
- 12) 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.
- 13) Bruce, Andrew James; Grabowski, Janusz, Pre-Courant algebroids. [J. Geom. Phys. 142 \(2019\)](#), 254–273.
- 14) 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.
- 15) Grabowska, Katarzyna; Grabowski, Janusz,  $n$ -tuple principal bundles. [Int. J. Geom. Methods Mod. Phys. 15 \(2018\), no. 12](#), 1850211, 18 pp.
- 16) Bruce, Andrew James; Grabowski, Janusz; Vitagliano, Luca, Representations up to homotopy from weighted Lie algebroids. [J. Lie Theory 28 \(2018\), no. 3](#), 715–737.

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