

Publication List
Mihai D. Staic

1. Samuel Carolus, Jacob Laubacher, **Mihai D. Staic**, A Simplicial Construction for Noncommutative Settings, arXiv:1905.13310, submitted (2019).
2. Samuel Carolus, **Mihai D. Staic**, G -Algebra Structure on the Higher Order Hochschild Cohomology $H_{S^2}^*(A, A)$, arXiv:1804.05096, submitted (2018).
3. Alina Petescu-Nita, **Mihai D. Staic**, Automorphisms of the k -algebra $k[X_1, \dots, X_m]$, *Journal of Algebra and Its Applications*, **18** (2019), no. 3, 1950046, 9 pp.
4. Florin Panaite, Paul Schrader, **Mihai D. Staic**, Hom-Tensor Categories and the Hom-Yang-Baxter Equation. *Appl. Categ. Structures* **27** (2019), no. 4, 323363.
5. Jacob Laubacher, **Mihai D. Staic** and Alin Stancu, Bar Simplicial Modules and Secondary Cyclic (Co)homology, *Journal of Noncommutative Geometry*, **12** (2018), 865-887.
6. Bruce R. Corrigan-Salter and **Mihai D. Staic**, Higher Order and Secondary Hochschild Cohomology, *C. R. Math. Acad. Sci. Paris* **354** (2016), no. 11, 1049–1054.
7. **Mihai D. Staic**, Secondary Hochschild Cohomology, *Algebra and Representation Theory*, **19** (2016), 47–56.
8. **Mihai D. Staic** and Alin Stancu, Operations on the Secondary Hochschild Cohomology, *Homology Homotopy Appl.*, **17** (2015), 129–146.
9. Mike Hughes, **Mihai D. Staic** and Xie Xiangdong, Classification of a class of nonrigid Carnot groups, *Journal of Lie Theory*, **25** (2015), 717–732.
10. **Mihai D. Staic** and Alina Nita-Petrescu, Symmetry group of two special types of carbon nanotori, *Acta Crystallogr. Sect. A*, Volume **69** (4), (2013), 435–439.
11. Florin Panaite and **Mihai D. Staic**, More examples of pseudosymmetric braided categories, *Journal of Algebra and Its Applications*, **12** (4), (2013), 1250186, 21 pp.

12. **Mihai D. Staic**, An explicit description of the simplicial group $K(A, n)$, *J. Aust. Math. Soc.*, **95** (2013), 133–144.
13. **Mihai D. Staic**, Secondary Cohomology and k -invariants, *Bull. Belg. Math. Soc.*, **19**(3) (2012), 561-572.
14. **Mihai D. Staic** and Vladimir Turaev, Remarks on 2-dimensional HQFT's, *Algebraic and Geometric Topology*, **10** (2010), no. 3, 1367–1393.
15. Florin Panaite, **Mihai D. Staic** and Freddy Van Oystaeyen, Pseudosymmetric braidings, twines and twisted algebras, *Journal of Pure and Applied Algebra*, **244** (2010), no. 6, 864–887.
16. Florin Panaite and **Mihai D. Staic**, A quotient of the braid group related to pseudosymmetric braided categories, *Pacific Journal of Mathematics*, **144** (2010), no.1, 155–167.
17. **Mihai D. Staic**, From 3-algebras to Δ -groups and symmetric cohomology, *Journal of Algebra*, **322** (2009), no. 4, 1360-1378.
18. **Mihai D. Staic**, Symmetric cohomology of groups in low dimension, *Archiv der Mathematik*, **93** (2009), no. 3, 205–211.
19. Florin Panaite and **Mihai D. Staic**, Generalized (anti) Yetter-Drinfeld modules as components of a braided T -category, *Israel Journal of Mathematics*, **158** (2007), 349–365.
20. Florin Panaite, **Mihai D. Staic** and Freddy Van Oystaeyen, On some classes of lazy cocycles and categorical structures, *Journal of Pure and Applied Algebra*, **209** (2007), no. 3, 687–701.
21. **Mihai D. Staic**, A note on anti-Yetter-Drinfeld modules, *Hopf algebras and generalizations*, *Contemporary Mathematics*, **441** (2007), 149–153.
22. **Mihai D. Staic**, Pure-braided Hopf algebras and Knot invariants, *Journal of Knot Theory and its Ramifications*, **13** (2004), no. 3, 385-400.
23. **Mihai D. Staic**, Pseudo-quasitriangular subbialgebras of Quantum Systems, *Communications in Algebra*, **30** (2002), no. 5, 2133-2141.
24. **Mihai D. Staic**, On the dimension of irreducible modules of a semisimple Hopf algebra, *Communications in Algebra*, **30** (2002), no. 1, 437-442.