

Pablo S. Ocal

Publication list

- 12 **Warped Frobenius algebras and topological quantum field theories**, with R. Das and J. Plavnik
 - Preprint, available on request.
- 11 **Structure and geometry of the tableaux algebra**, with S. Daugherty, N. Gonzalez, B. Muniz, J. Pan, and J. Torres
 - arXiv:2510.27209
- 10 **Realizing compatible pairs of transfer systems by combinatorial N-infinity-operads**, with D. Chan, M. Cho, D. Mehrle, A. M. Osorno, B. Szczesny, and P. Verdugo
 - arXiv:2510.26047
- 9 **Locally recoverable algebro-geometric codes from projective bundles**, with K. Aguilar, A. Alvarez, R. Ardila, C. Rodriguez Avila, and A. Varilly-Alvarado, to appear in *Des. Codes Cryptogr.*
 - arXiv:2409.04201
- 8 **Universal support for triangulated categories**, with P. Balmer, *C. R. Math. Acad. Sci. Paris*, 2024
 - arXiv:2308.10815
- 7 **Symmetric monoidal equivalences of topological quantum field theories in dimension two and Frobenius algebras**, *Proc. Amer. Math. Soc.*, 2024
 - arXiv:2307.05309
- 6 **A compositional account of motifs, mechanisms, and dynamics in biochemical regulatory networks**, with R. Aduddell, J. Fairbanks, A. Kumar, E. Patterson, and B. T. Shapiro, *Compositionality*, 2024
 - arXiv:2301.01445
- 5 **A primer on twists in the noncommutative realm focusing on algebra, representation theory, and geometry**, with K. Ueyama and P. Veerapen, *Contemp. Math.*, 2024
 - arXiv:2211.15885
- 4 **A dichotomy between twisted tensor products of bialgebras and Frobenius algebras**, with A. Oswald, *J. Algebra*, 2024
 - arXiv:2211.14754
- 3 **Homotopy liftings and Hochschild cohomology of some twisted tensor products**, with T. Oke and S. Witherspoon, *J. Algebra Appl.*, 2022
 - arXiv:2005.06660
- 2 **Gerstenhaber brackets on Hochschild cohomology of general twisted tensor products**, with T. Karadag, D. McPhate, T. Oke, and S. Witherspoon, *J. Pure Appl. Algebra*, 2021
 - arXiv:1909.02181
- 1 **The relative Künneth theorem**, Texas A&M University OAKTrust, 2021