

Liste de publications de MATH

Articles dans des revues avec comité de lecture

A paraître

Bonheure, D., & Galdi, G. P. (2024). Global Weak Solutions to a Time-Periodic Body-Liquid Interaction Problem. *Annales de l'Institut Henri Poincaré. Analyse non linéaire.*, To appear.

Leemans, D., Stokes, K., & Tranchida, P. A. (2024). On trialities and their absolute geometries. *Advances in geometry*.

Cameron, P., Fernandes, M. E., & Leemans, D. (2024). The number of string C-groups of high rank. *Advances in mathematics*.

Leemans, D., & Toledo Roy, M. A. (2024). Faithful and thin non-polytopal maniplexes. *Ars Mathematica contemporanea*.

Batista, E., Hautekiet, W., Saracco, P., & Vercruysse, J. (2025). Towards a classification of simple partial comodules of Hopf algebras. *Journal of algebra*, 664, 312-347. doi:10.1016/j.jalgebra.2024.10.005

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Cruzeiro, E. Z., De Mol, C., Massar, S., & Pironio, S. (2024). Quantum-inspired classification based on quantum state discrimination. *Quantum Machine Intelligence*, 6(2). doi:10.1007/s42484-024-00216-6

Bonheure, D., Galdi, G. P., & Gazzola, F. (2024). Stability of equilibria and bifurcations for a fluid-solid interaction problem. *Journal of differential equations*, 408, 324-367. doi:10.1016/j.jde.2024.07.007

Morsomme, H., Alonso Garcia, J., & Devolder, P. (2024). Intergenerational risk sharing in pay-as-you-go pension schemes. *Scandinavian actuarial journal*, 1-29. doi:10.1080/03461238.2024.2427229

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Deelstra, G., Devolder, P., & Roelants Du Vivier, B. (2024). Impact of correlation between interest rates and mortality rates on the valuation of various life insurance products. *ASTIN bulletin*, 2024, 1-31.

Bernard, G., & Verdebout, T. (2024). Power enhancement for dimension detection of Gaussian signals. *Statistica sinica*, 34, 2161-2182.

- Hallin, M., Liu, H., & Verdebout, T. (2024). Nonparametric Measure-transportation-based Methods for Directional Data. *Journal of the Royal Statistical Society. Series B. Methodological*, 86, 1172-1196.
- Denuit, M., Huyghe, J., Trufin, J., & Verdebout, T. (2024). Testing for auto-calibration with Lorenz and Concentration curves. *Insurance. Mathematics & economics*, 117, 130-139. doi:10.1016/j.insmatheco.2024.04.003
- Grosskopf, P., & Vercruysse, J. (2024). Free and co-free constructions for Hopf categories. *Journal of pure and applied algebra*, 228(10), 107704. doi:10.1016/j.jpaa.2024.107704
- Berger, J., Saracco, P., & Vercruysse, J. (2024). Everybody knows what a normal gabi-algebra is. *Advances in mathematics*, 451, 109797. doi:10.1016/j.aim.2024.109797
- Batista, E., Hautekiet, W., & Vercruysse, J. (2024). A comonadicity theorem for partial comodules. *Quaestiones mathematicae*. doi:10.2989/16073606.2024.2322011
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- Bonheure, D., Casteras, J.-B., & Premoselli, B. (2024). Classification of radial blow-up at the first critical exponent for the Lin–Ni–Takagi problem in the ball. *Mathematische Annalen*. doi:10.1007/s00208-024-02888-8
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- Wolf, F. L., Deelstra, G., & Grzelak, L. (2024). Consistent asset modelling with random coefficients and switches between regimes. *Mathematics and computers in simulation*, 223, 65-85. doi:10.1016/j.matcom.2024.03.021
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Alonso Garcia, J., Sherris, M., Thirurajah, S., & Ziveyi, J. (2024). Taxation and policyholder behavior: the case of guaranteed minimum accumulation benefits. *ASTIN bulletin*, 1-28. doi:10.1017/asb.2023.38