Loredana Bălilescu

Publications 2021-2025

[1] **L. Bălilescu**, T. Ghosh, J. San Martín, *Burnett coefficients in periodically perforated domains*, in preparation (2025).

[2] **L. Bălilescu**, J. San Martín, J.-F. Scheid, *Convergence of a Lagrange–Galerkin method for the equations modelling of fish–like swimming*, work in progress (2025).

[3] **L. Bălilescu**, C. Conca, J. San Martín, *Bloch waves homogenization in the graphene*, submitted for publication (2025).

[4] **L. Bălilescu**, C. Conca, T. Ghosh, J. San Martín, M. Vanninathan, *Bloch wave spectral analysis in the class of generalized Hashin-Shtrikman micro-structures*, Mathematical Models and Methods in Applied Sciences (2022), 32 (3), pp. 497-532.

[5] **L. Bălilescu**, C. Conca, T. Ghosh, J. San Martín, M. Vanninathan, *Bloch spectral analysis in the class of non-periodic laminates*, ITM Web of Conferences 49, 02001 (2022), DOI 10.1051/itmconf/20224902001, e-ISSN 2271-2097.