

List of publications of Ángeles Martínez Calomardo

- [1] L. Bergamaschi and A. Martínez. Spectral acceleration of parallel iterative eigensolvers for large scale scientific computing. *Advances in Parallel Computing*, 32:107–116, 2018.
- [2] L. Bergamaschi, E. Facca, A. Martínez, and M. Putti. Spectral preconditioners for the efficient numerical solution of a continuous branched transport model. *J. Comput. Applied Math.*, 2018. Published online on Jan 31, 2018.
- [3] L. Bergamaschi, V. De Simone, D. di Serafino, and A. Martínez. BFGS-like updates of constraint preconditioners for sequences of KKT linear systems. *Numer. Lin. Alg. Appl.*, 2018. Published online on Feb 6, 2018.
- [4] L. Bergamaschi and A. Martínez. Two-stage spectral preconditioners for iterative eigensolvers. *Numer. Lin. Alg. Appl.*, 24(3):1–14, 2017.
- [5] A. Martínez. Tuned preconditioners for the eigensolution of large spd matrices arising in engineering problems. *Numer. Lin. Alg. Appl.*, 23(3):427–443, 2016.
- [6] L. Bergamaschi and A. Martínez. Efficiently preconditioned inexact Newton methods for large symmetric eigenvalue problems. *Optimization Methods & Software*, 30:301–322, 2015.
- [7] L. Bergamaschi and A. Martínez. Parallel RFSAI-BFGS preconditioners for large symmetric eigenproblems. *J. Applied Mathematics*, 2013, Article ID 767042, 10 pages, 2013.
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- [12] L. Bergamaschi, R. Bru, A. Martínez, and M. Putti. Quasi-Newton acceleration of ILU preconditioners for nonlinear two-phase flow equations in porous media. *Advances in Engineering Software*, 46(1):63–68, 2012.
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