

LIST OF PUBLICATIONS**Maya G. Neytcheva****Published in scientific journals:**

- J1 Yang Cao, Maya Neytcheva, Cell-by-cell approximate Schur complement technique in preconditioning of meshfree discretized piezoelectric equations, *Numerical Linear Algebra with Applications*, 29 (2021). Published Online: 2021-02-08. DOI <https://doi.org/10.1002/nla.2362>
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- J 11 Ali Dorostkar, Maya Neytcheva, Bjrn Lund, Numerical and computational aspects of some block-preconditioners for saddle point systems, *Parallel Computing*, 49 (2015), 164–178.
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- J 13 Xin He, Maya Neytcheva, Kees Vuik, On preconditioning of incompressible non-Newtonian flow problems, *Journal of Computational Mathematics*, 30 (2015), 33-58.
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- CP 1 Z.-Z. Bai, M. Neytcheva, L. Reichel, Special issue on Novel methods and theories in numerical algebra with interdisciplinary applications. *Numer. Linear Algebra Appl.* 25 (2018), 4.
- CP 2 J. Carretero, J. Garcia Blas, M. Neytcheva, International Journal of Computers & Electrical Engineering Special issue on 'Optimization of Parallel Scientific Applications with Accelerated HPC', 2015
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Other publications and written material:

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- O 1 M. Neytcheva, *Iterative solution methods for nonlinear problems*, Uppsala, Compendium for a graduate course (by December 2003 contains 66 pages).
 - O 2 O. Axelsson and M. Neytcheva, Lecture notes on *Supercomputers and Numerical Linear Algebra* (By December 15, 1996 contains 350 pages.)
 - O 3 M. Neytcheva, Arithmetic and Communication Complexity of Preconditioning Methods. Ph.D. thesis, September 1995, Nijmegen. (Contains 245 pages.)