Nela Bosner

Assistant Professor, Department of Mathematics,
University of Zagreb
PhD University of Zagreb, 2006.

Research interest: Numerical linear algebra, numerical analysis, scientific computing

Recent publications:

[1] N. Bosner, *„Balancing three matrices in controlt heory"* , **Mathematical communications 19** (2014) , 3; 497-516.
[2] N. Bosner, *„Efficient algorithm for simultaneous reduction to the m-Hessenberg-triangular-triangular form"* ,**BIT Numerical Mathematics (online)** (2014) , DOI: 10.1007/s10543-014-0516-y.
[3] N. Bosner, Z. Bujanović, Z. Drmač, *„Efficient Generalized Hessenberg Form and Applications"* , **ACM Transactions on Mathematical Software39** (2013), 3; 19:1-19:19.

Selected publications:

[1] N. Bosner, Z. Drmač, *„Subspace Gap Residuals for RayleighRitz Approximations"* , **SIAM Journal on MatrixAnalysisandApplications 31** (2009), 1; 54-67.
[2]   N. Bosner, J. L. Barlow, *„Block and parallel versions of one-sided bidiagonalization"* , **SIAM Journal on Matrix Analysis and Applications29** (2007) , 3; 927-953.
[3]   J. L. Barlow, N. Bosner, Z. Drmač, *„A new stable bidiagonal reduction algorithm"* , **Linear Algebra and its Application397** (2005), 35-84.