Publications by Bo Kågström.

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The publications are structured under the following headings:

- Books
- Scientific Journal Publications and Invited Book Chapters
- Peer-reviewed Conference Proceedings Publications
- Notes
- NLAFT Deliverables and Working Notes
- Technical Reports and Other Publications
- Scientific and Library Software

Publications are listed in reversed chronological order under each heading.

**Books**


**Scientific Journal Publications and Invited Book Chapters**


*Peer-reviewed Conference Proceedings Publications*


Notes


NLAFT Deliverables and Working Notes

As Coordinator and Scientific Director of NLAFET, acronym for Parallel Numerical Linear Algebra for Extreme Scale Systems, a selection of co-authored public deliverables and NLAFET working notes are listed below. NLAFET is a Horizon 2020 FET-HPC project funded by the European Union under Grant Agreement 671633. See www.nlafet.eu for more information and a complete description of NLAFET progress and results of all partner teams.


A. Dmytryshyn, B. Kågström, and V. Sergeiduk. The solution of $(X^T A + AX, X^T B + BX) = (0, 0)$ with skew-symmetric $A$ and $B$. Report UMINF-12.05, Dept. of Computing Science, Umeå University, SE-901 87 Umeå, Sweden, April, 2012. Revised October 2012.


**Scientific and Library Software**

Several of the publications have resulted in state-of-the-art scientific and library software that is publicly available, e.g., in Collected Algorithms of ACM, NETLIB: GEMM-based Level 3 BLAS, JNF and GUPTRI, RECSY, SCASY, LAPACK, ScaLAPACK-style routines, SLICOT, StratiGraph, MCS Toolbox, NLAFET Library including StarNEig. See a selection below:


