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### 6 Publications

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- Steffen Börm, Lars Grasedyck and Wolfgang Hackbusch: "Introduction to Hierarchical Matrices with Applications", Engineering Analysis with Boundary Elements 27(5), pp. 405–422, 2003.
- Ronald Kriemann: "Parallel  $\mathcal{H}$ -Matrix Arithmetics on Shared Memory Systems", Computing 74, pp. 273–297, 2005.
- Lars Grasedyck, Ronald Kriemann and Sabine Le Borne: "Parallel blackbox  $\mathcal{H}$ -LU preconditioning for elliptic boundary value problems", Computing and Visualization in Sciences, Vol. 11, pp 273–291, 2007.