

To: Prof. Olaf Schenk
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Parallel Computing

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Dear Professor Schenk, Dear Olaf,

Hereby we submit our article "*An improved exact algorithm and an NP-completeness proof for sparse matrix bipartitioning*" for inclusion in the special issue on PMAA 2018 of the journal Parallel Computing.

The work has been presented at the PMAA conference in June 2018 in Zurich. It contains among others an NP-completeness proof of the sparse matrix bipartitioning problem and a new algorithm for exact solution of the problem. We are proud now to be able to solve almost one third of the SuiteSparse (formerly Florida) collection to optimality.

We thank you for considering this paper for the special issue.

Best wishes,

Timon Knigge and Rob Bisseling