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New scaling-squaring Taylor algorithms for computing the matrix exponential. (English)

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MSC:

65F60 Numerical computation of matrix exponential and similar matrix functions

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matrix exponential; Taylor series; Paterson-Stockmeyer method; backward error analysis; computational cost analysis; scaling and squaring

Software:

LAPACK; MATLAB expm; mctoolbox; mftoolbox

Full Text: [DOI](#)

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