

Davis, Timothy A.; Palamadai Natarajan, Ekanathan

Algorithm 907: KLU: a direct sparse solver for circuit simulation problems. (English)

Zbl 1364.65066

ACM Trans. Math. Softw. 37, No. 3, Paper No. 36, 17 p. (2010).

MSC:

65F05 Direct numerical methods for linear systems and matrix inversion

65F50 Computational methods for sparse matrices

65Y15 Packaged methods for numerical algorithms

Cited in **9** Documents

Keywords:

LU factorization; circuit simulation; sparse matrices

Software:

KLU; UMFPACK; Xyce; Matlab; COLAMD; SparseMatrix; Sparse 1.3; CHOLMOD; AMD

Full Text: [DOI](#)