Yang, L. Minah; Fox, Alyson; Sanders, Geoffrey
Rounding error analysis of mixed precision block Householder QR algorithms. (English)

MSC:
65G50 Rounding error
65F25 Orthogonalization in numerical linear algebra
65F08 Preconditioners for iterative methods
65F10 Iterative numerical methods for linear systems

Keywords:
mixed precision; fp16; QR factorization; rounding error; block QR; fp32

Software:
LAPACK; mctoolbox

Full Text: DOI

References:


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