

**Scott, J. A.**

**An Arnoldi code for computing selected eigenvalues of sparse, real unsymmetric matrices.**

(English) [Zbl 0888.65041](#)

ACM Trans. Math. Softw. 21, No. 4, 432-475 (1995).

**MSC:**

**65F15** Numerical computation of eigenvalues and eigenvectors of matrices

**65F50** Computational methods for sparse matrices

**65F35** Numerical computation of matrix norms, conditioning, scaling

Cited in **8** Documents

**Keywords:**

preconditioning; large sparse matrix; Arnoldi methods; subspace iteration methods; dominant eigenvalues; Chebyshev acceleration; performance

**Software:**

ARPACK; BLAS; eigs; Harwell-Boeing sparse matrix collection; HSL; MA48; NAGWare; SRRIT

**Full Text:** [DOI](#) [Link](#)