



SIAM Journal on **SCIENTIFIC COMPUTING**

*Computational Results for
Scientific and Engineering Problems*



Editor-in-Chief
Jan S. Hesthaven
*Ecole Polytechnique
Fédérale de
Lausanne*

Contains research articles on numerical methods and techniques for scientific computation. Papers address computational issues relevant to the solution of scientific or engineering problems and include computational results demonstrating the effectiveness of the proposed techniques.

There are three distinct sections in each issue. Authors should state at submission which of the categories their works fits best.

The sections are:

Methods and Algorithms for Scientific Computing. Papers in this category may include theoretical analysis, provided that the relevance to applications in science and engineering is demonstrated. They should contain meaningful computational results and theoretical results or strong heuristics supporting the performance of new algorithms.

Computational Methods in Science and Engineering. Papers in this section will typically describe novel methodologies for solving a specific problem in computational science or engineering. They should contain enough information about the application to orient other computational scientists but should omit details of interest mainly to the applications specialist.

Software and High-Performance Computing. Papers in this category should concern the novel design and development of computational methods and high-quality software, parallel algorithms, high-performance computing issues, new architectures, data analysis, or visualization. The primary focus should be on computational methods that have potentially large impact for an important class of scientific or engineering problems.

SISC is published article by article at <http://epubs.siam.org/sisc>

Publication information

ISSN 1064-8275 (print) / 1095-7197 (electronic)
Frequency: electronically published continuously
Year established: 1980
Available formats: electronic and print
2017 volume number: 39

2017 Rates

Electronic only \$999 / Print add-on \$298

For more information on

SIAM Journal on Scientific Computing:

siam.

Society for Industrial and Applied Mathematics
3600 Market Street, 6th Floor, Philadelphia, PA
19104-2688 USA
Phone: +1-215-382-9800 x321 or 1-800-447-7426
(toll free in USA and Canada)
Fax: +1-215-386-7999 · Email: service@siam.org
Web: www.siam.org/journals/sisc.php