



SIAM Journal on **APPLIED MATHEMATICS**

*Solving Scientific Problems
with Mathematical Methods*



**EDITOR-IN-CHIEF
PAUL A. MARTIN
COLORADO SCHOOL
OF MINES**

Publishes research articles that treat scientific problems using methods that are of mathematical interest. Subject areas include the physical, engineering, financial, and life sciences. Examples are problems in fluid mechanics, solid mechanics, elasticity, electromagnetic theory and optics, mathematical biology, linear and nonlinear wave propagation, inverse problems, nonlinear dynamics, stochastic processes, signal processing, and image processing. Mathematical techniques include asymptotic methods, bifurcation theory, dynamical systems theory, and probabilistic and statistical methods.

SIAP is published article by article at epubs.siam.org/siap



All volumes of *SIAM Journal on Applied Mathematics* up to five years from the present are available through JSTOR. These volumes can be accessed through participating libraries from the JSTOR website: www.jstor.org/journals/00361399.html.

ISSN: 0036-1399 (print) / 1095-712X (electronic)
Frequency: electronically published continuously
Year established: 1953
Formats: electronic and print
2018 volume number: 78
2018 Rates
Electronic only \$855 / Print add-on \$120

**For more information on
SIAM Journal on Applied Mathematics:**

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/siap.php