



Jochen Garcke, Dirk Pflüger (Eds.)

Sparse Grids and Applications - Stuttgart 2014

Series: Lecture Notes in Computational Science and Engineering

This volume of LNCSE is a collection of the papers from the proceedings of the third workshop on sparse grids and applications. Sparse grids are a popular approach for the numerical treatment of high-dimensional problems. Where classical numerical discretization schemes fail in more than three or four dimensions, sparse grids, in their different guises, are frequently the method of choice, be it spatially adaptive in the hierarchical basis or via the dimensionally adaptive combination technique. Demonstrating once again the importance of this numerical discretization scheme, the selected articles present recent advances on the numerical analysis of sparse grids as well as efficient data structures. The book also discusses a range of applications, including uncertainty quantification and plasma physics.

1st ed. 2016, VIII, 336 p. 85 illus., 24 illus. in color.

Printed book

Hardcover

139,99 € | £119.99 | \$169.99

[1]149,79 € (D) | 153,99 € (A) | CHF

165,50

Softcover

139,99 € | £119.99 | \$169.99

[1]149,79 € (D) | 153,99 € (A) | CHF

165,50

eBook

117,69 € | £95.50 | \$129.00

[2]117,69 € (D) | 117,69 € (A) | CHF

132,00

Available from your library or
springer.com/shop

MyCopy [3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

