



Springer

1st
edition

2009, XII, 308 p.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-1-4020-8820-9

\$ 219,99

Available

Discount group

Professional Books (2)

Product category

Contributed volume

Series

Computational Methods in Applied Sciences

Other renditions

Softcover

ISBN 978-90-481-7997-8

Engineering : Engineering (general)

Ferreira, A.J.M., Kansa, E.J., Fasshauer, G.E., Leitao, V.M.A. (Eds.)

Progress on Meshless Methods

- Collects state-of-the-art research on the subject of meshless approximation techniques
- Valuable reference for researchers interested in the field of meshless approximation techniques
- Aims at promoting the application of meshless approximation techniques to a wide variety of engineering and science problems
- Covers a variety of meshless approximation techniques--one of the most active research areas in computational mechanics

In recent years meshless/meshfree methods have gained considerable attention in engineering and applied mathematics. The variety of problems that are now being addressed by these techniques continues to expand and the quality of the results obtained demonstrates the effectiveness of many of the methods currently available. The book presents a significant sample of the state of the art in the field with methods that have reached a certain level of maturity while also addressing many open issues. The book collects extended original contributions presented at the Second ECCOMAS Conference on Meshless Methods held in 2007 in Porto. The list of contributors reveals a fortunate mix of highly distinguished authors as well as quite young but very active and promising researchers, thus giving the reader an interesting and updated view of different meshless approximation methods and their range of applications. The material presented is appropriate for researchers, engineers, physicists, applied mathematicians and graduate students interested in this active research area.

Order online at springer.com/booksellers**Springer Nature Customer Service Center LLC**

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-1-4020-8820-9 / BIC: TBC / SPRINGER NATURE: SCT00004

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**