

Bock · Kostina · Phu · Rannacher (Eds.)
Modeling, Simulation and Optimization of Complex Processes

Hans Georg Bock · Ekaterina Kostina

Hoang Xuan Phu · Rolf Rannacher

Editors

Modeling, Simulation and Optimization of Complex Processes

Proceedings of the Third International Conference
on High Performance Scientific Computing,
March 6–10, 2006, Hanoi, Vietnam

 Springer

Hans Georg Bock
Universität Heidelberg
Interdisziplinäres Zentrum
für Wissenschaftliches Rechnen (IWR)
Im Neuenheimer Feld 368
69120 Heidelberg
Germany
bock@iwr.uni-heidelberg.de

Ekaterina Kostina
Universität Marburg
FB Mathematik und Informatik
Hans-Meerwein-Str.
35032 Marburg
Germany
kostina@mathematik.uni-Marburg.de

Hoang Xuan Phu
Vietnamese Academy of Science
and Technology (VAST)
Institute of Mathematics
18 Hoang Quoc Viet Road
10307 Hanoi
Vietnam
hxphu@math.ac.vn

Rolf Rannacher
Universität Heidelberg
Interdisziplinäres Zentrum
für Wissenschaftliches Rechnen (IWR)
Im Neuenheimer Feld 368
69120 Heidelberg
Germany
rannacher@iwr.uni-heidelberg.de

The cover picture shows a computer reconstruction (courtesy of Angkor Project Group, IWR) of the mountain temple of Phnom Bakheng in the Angkor Region, Siem Reap, Cambodia, where the pre-conference workshop "Scientific Computing for the Cultural Heritage" took place on March 2–5, 2006.

ISBN: 978-3-540-79408-0 e-ISBN: 978-3-540-79409-7

Library of Congress Control Number: 2008925522

Mathematics Subject Classification: 49-06, 60-06, 65-06, 68-06, 70-06, 76-06, 85-06, 90-06, 93-06, 94-06

© 2008 Springer-Verlag Berlin Heidelberg

This work is subject to copyright. All rights are reserved, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilm or in any other way, and storage in data banks. Duplication of this publication or parts thereof is permitted only under the provisions of the German Copyright Law of September 9, 1965, in its current version, and permission for use must always be obtained from Springer. Violations are liable for prosecution under the German Copyright Law.

The use of general descriptive names, registered names, trademarks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

Cover design: WMX Design GmbH, Heidelberg

Printed on acid-free paper

9 8 7 6 5 4 3 2 1

springer.com