

2/11/2016

Loading..

Your cart is empty.

...you'll find more products in the shopping cart.

Total

€239.99

[View cart](#)

[Manage Account](#)

[My Bookshelf](#)

[Manage Alerts](#)

[Article Tracking](#)

[Book Tracking](#)

[Login / Register](#)

[Change](#)

[Home](#)

[Subjects](#)

[Astronomy](#)

[Behavioral Sciences](#)

[Biomedical Sciences](#)

[Business & Management](#)

[Chemistry](#)

[Climate](#)

[Computer Science](#)

[Earth Sciences](#)

[Economics](#)

[Education & Language](#)

[Energy](#)

[Engineering](#)

[Environmental Sciences](#)

[Food Science & Nutrition](#)

[Geography](#)

[Law](#)

[Life Sciences](#)

[Materials](#)

[Mathematics](#)

[Medicine](#)

[Philosophy](#)

[Physics](#)

[Popular Science](#)

[Public Health](#)

[Social Sciences](#)

[Statistics](#)

[Water](#)

[Services](#)

[Advertisers](#)

2/11/2016

[Authors & Editors](#)
[Booksellers](#)
[Book Reviewers](#)
[Instructors](#)
[Journalists](#)
[Librarians](#)
[Rights & Permissions](#)
[Societies & Publishing Partners](#)
[Subscription Agencies](#)
[Help & Contact](#)
[Open Access & Springer](#)
[Products](#)
[Journals](#)
[Books](#)
[SpringerLink](#)
[Springer for R&D](#)
[Springer for Hospitals & Health](#)
[Databases and Software](#)
[Springer Shop](#)
[About us](#)

Save now: 50% off [select Books in Computer Science](#) and [all eBooks in Medicine & Psychology](#)

[Materials Characterization & Evaluation of Materials](#)

[Advanced Structured Materials](#)

© 2011

[Free Preview](#)



Heat Transfer in Multi-Phase Materials

Editors: **Öchsner**, Andreas, **Murch**, Graeme E. (Eds.)

Provides a profound understanding, which physical processes and mechanisms are relevant

Deals with Compound, cellular and porous materials

Includes the combination of structure materials including fluids

[see more benefits](#)

Buy this book

eBook

\$189.00

price for USA

[Buy eBook](#)

2/11/2016

ISBN 978-3-642-04403-8

Digitally watermarked, no DRM

Included format: EPUB, PDF

eBooks can be used on all Reading Devices

Download immediately after purchase

Hardcover

\$239.00

price for USA

[Buy Hardcover](#)

ISBN 978-3-642-04402-1

Free shipping for individuals worldwide

Usually dispatched within 3 to 5 business days.

Softcover

\$239.00

price for USA

[Buy Softcover](#)

ISBN 978-3-642-27039-0

Free shipping for individuals worldwide

Usually dispatched within 3 to 5 business days.

[FAQ Policy](#)

[About this book](#)

[About this book](#)

This book provides a profound understanding, which physical processes and mechanisms cause the heat transfer in composite and cellular materials. It shows models for all important classes of composite materials and introduces into the latest advances.

In three parts, the book covers composite materials (Part I), porous and cellular materials (Part II) and the appearance of a conjoint solid phase and fluid aggregate (Part III).

[Show all](#)

Table of contents

(14 chapters)

Continuum Modeling of Diffusive Transport in Inhomogeneous Solids

Böhm, Helmut J. (et al.)

Pages 3-32

[PreviewBuy Chapter](#)

\$29.95

Thermal Residual Stresses in Aluminium Matrix Composites

Teixeira-Dias, F. (et al.)

Pages 33-62

[PreviewBuy Chapter](#)

\$29.95

Heat Conduction in Two-Phase Composite Materials with Three-Dimensional Microstructures and Interfacial Thermal Resistance

Matt, Carlos Frederico (et al.)

Pages 63-97

[PreviewBuy Chapter](#)

\$29.95

Heat Transfer in Graphitic Foams

Straatman, Anthony G.

Pages 101-129

[PreviewBuy Chapter](#)

\$29.95

2/11/2016

Heat Transfer in Polyolefin Foams

Antunes, Marcelo (et al.)

Pages 131-161

[PreviewBuy Chapter](#)

\$29.95

[Show next](#)

9

[Read this book on SpringerLink](#)

[Download Preface 1 PDF](#)

(21.6 KB)

[Download Sample pages 1 PDF](#)

(344.5 KB)

[Download Table of contents PDF](#)

(24.1 KB)

Buy this book

eBook

\$189.00

price for USA

[Buy eBook](#)

ISBN 978-3-642-04403-8

Digitally watermarked, no DRM

Included format: EPUB, PDF

eBooks can be used on all Reading Devices

Download immediately after purchase

Hardcover

\$239.00

price for USA

[Buy Hardcover](#)

ISBN 978-3-642-04402-1

Free shipping for individuals worldwide

Usually dispatched within 3 to 5 business days.

Softcover

\$239.00

price for USA

[Buy Softcover](#)

ISBN 978-3-642-27039-0

Free shipping for individuals worldwide

Usually dispatched within 3 to 5 business days.

[FAQ Policy](#)

Book Metrics

[Citations](#)

2

[Readers](#)

17

[Downloads](#)

15670

Provided by **Bookmetrix**

Services for this Book

[Download Product Flyer](#)[Access an Online Book Review Copy](#)[Download High-Resolution Cover](#)

2/11/2016

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

[Google++](#)

Recommended for you



[Nanotechnology-Enabled Sensors](#)

Kalantar-zadeh, K. (et al.) (2008)



[Hybrid Adhesive Joints](#)

da Silva, L.F.M. (et al.) (Eds.) (2011)



[Transmission Electron Microscopy](#)

Williams, D.B. (et al.) (2009)

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.