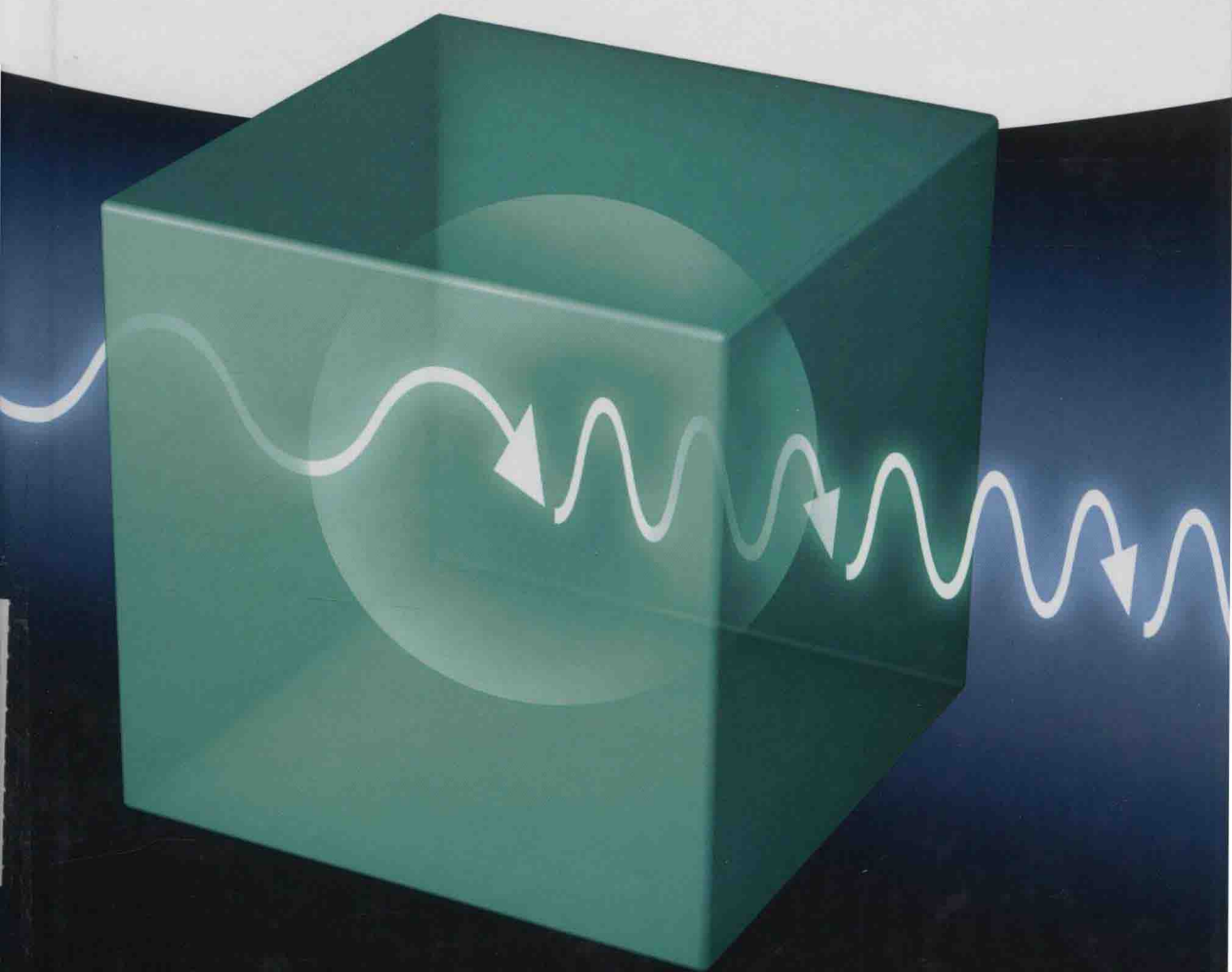


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Nonlinear Optical Cavity Dynamics

From Microresonators to Fiber Lasers



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WILEY-VCH
Verlag GmbH & Co. KGaA

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Library of Congress Card No.: applied for

British Library Cataloguing-in-Publication Data

A catalogue record for this book is available from the British Library.

Bibliographic information published by the Deutsche Nationalbibliothek

The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available on the Internet at <<http://dnb.d-nb.de>>.

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KGaA, Boschstr. 12, 69469 Weinheim,
Germany

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Print ISBN: 978-3-527-41332-4
ePDF ISBN: 978-3-527-68581-3
ePub ISBN: 978-3-527-68585-1
Mobi ISBN: 978-3-527-68583-7
oBook ISBN: 978-3-527-68647-6

Cover Design Formgeber, Mannheim,
Germany

Typesetting SPi Global, Chennai, India

Printing and Binding Markono Print Media
Pte Ltd, Singapore

Printed on acid-free paper

Edited by
Philippe Grelu

Nonlinear Optical Cavity Dynamics

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Foreword

Nonlinear optical cavity dynamics is an ever-expanding area of photonics, which this volume intends to picture at a propitious time when interactions between its topical branches have remarkably matured.

Thanks to the deep involvement of all the authors who accepted to share their foremost expertise in a thorough but didactical way, I believe that we have succeeded in bringing an impressive collection of intertwined knowledge to the Photonics community. I also wish to thank all contributors for their patience throughout the long process of book editing, knowing in particular that some chapters contain unpublished research works.

As any picture depending on timing and viewpoint, this book edition is certainly not comprehensive, let alone definitive. We had to place an upper boundary to the size of the volume, in order to keep it accessible, and managed to limit the possible frustration of some of our prolific contributors. I anticipate that ulterior advances in both fundamental and applied aspects of *nonlinear optical cavity dynamics* will be timely covered by subsequent reference books.

I hope that the overall enthusiasm of the authors will be shared by the readers, and I wish to thank the editorial and production teams at Wiley-VCH for being altogether interactive, friendly, and highly efficient.

28 October 2015
Dijon, France

Philippe Grelu

