



photonics



Special Issue Reprint

Coherent and Polarization Optics

www.mdpi.com/books/reprint/8852

Edited by

Jiayi Yu

Yongtao Zhang



ISBN 978-3-7258-0190-9 (Hardback)

ISBN 978-3-7258-0189-3 (PDF)

Coherence and polarization are two of the intrinsic properties of a light field, which play a crucial role in determining the light beam propagation and light–matter interaction. The manipulation of coherence and polarization was recognized as an available method to produce many peculiar physical phenomena, which can be superior in some of these applications, such as free-space optical communications, microdensitometry, optical information processing, and plasmonics. The aim of this reprint is to provide a comprehensive exploration of manipulation of coherence and polarization of light and applications.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/8852

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.