



*crystals*



*Special Issue Reprint*

## Liquid Crystal Optical Device

[www.mdpi.com/books/reprint/1919](http://www.mdpi.com/books/reprint/1919)

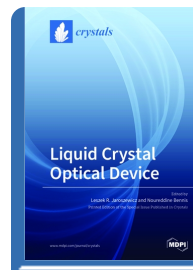
Edited by

Leszek R. Jaroszewicz

Noureddine Bennis

ISBN 978-3-03928-056-8 (Softback)

ISBN 978-3-03928-057-5 (PDF)



The Special Issue “Liquid Crystal Optical Devices” discusses recent developments in the rapidly advancing subject of liquid crystals (LCs). The book is composed of several contributions from researchers in the field of liquid crystals that deal with the broadly with aspects of optical devices ranging from a theoretical viewpoints to practical implications of the properties of LCs. This is the first Special Issue devoted solely to recent advances in the rapidly expanding subject of LCs, a unique class of substances that combines both ordered structures with quasi-liquid-like properties. This Special Issue offers a broad perspective of the present state of the art in design and an up-to-date account of the most recent advances and progress in the field of LCs, providing thorough coverage of the demonstrated optical devices and the comprehensive analysis needed by professionals and engineers in the field of LC. The material is carefully structured, providing readers with a solid foundation of the principles, capabilities, use, and limitations of LC optical devices. In addition, this book covers the principles, recent advances and future developments of liquid crystal beam steering devices as well as recent advances in adaptive liquid crystal lenses.



Order Your Print Copy

You can order print copies at

[www.mdpi.com/books/reprint/1919](http://www.mdpi.com/books/reprint/1919)

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.