



*physics*



*Special Issue Reprint*

## **New Advances in Quantum Geometry**

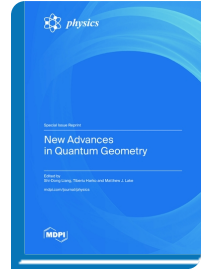
[www.mdpi.com/books/reprint/7986](http://www.mdpi.com/books/reprint/7986)

Edited by

Shi-Dong Liang

Tiberiu Harko

Matthew J. Lake



ISBN 978-3-0365-8770-7 (Hardback)

ISBN 978-3-0365-8771-4 (PDF)

This special issue contains original research papers and review articles on the subject of Quantum Geometry, a field that attempts to merge the geometric description of gravity, provided by Einstein's theory of general relativity, with the quantum mechanical description of the microscopic world. Diverse approaches are represented, including loop quantum gravity, matrix models, noncommutative geometry and modified gravity theories, together with other, less mainstream models.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/7986](http://www.mdpi.com/books/reprint/7986)

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.