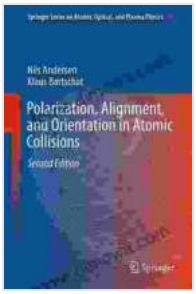
Polarization, Alignment, and Orientation in Atomic Collisions

This book provides a comprehensive and up-to-date overview of the field of polarization, alignment, and orientation in atomic collisions. It covers a wide range of topics, including the theory of atomic collisions, experimental techniques, and applications in various fields of physics.



Polarization, Alignment, and Orientation in Atomic Collisions (Springer Series on Atomic, Optical, and Plasma Physics Book 96) by Bruce Stanley Burdick

4 out of 5

Language	: English
File size	: 26084 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 427 pages
X-Ray for textbooks	: Enabled
Hardcover	: 184 pages
Item Weight	: 11.3 ounces
Dimensions	: 5.98 x 0.5 x 9.02 inches

The book is divided into three parts. The first part introduces the basic concepts of polarization, alignment, and orientation. The second part discusses the theory of atomic collisions, including the scattering of polarized atoms and the production of polarized atoms in collisions. The third part describes experimental techniques for measuring polarization, alignment, and orientation.

This book is a valuable resource for researchers and students in atomic physics, molecular physics, and quantum optics. It is also a useful reference for scientists in other fields who are interested in the applications of atomic collisions.

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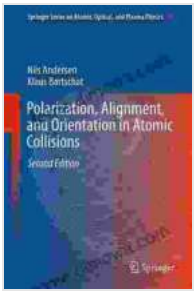
Reviews

"This book is a comprehensive and up-to-date overview of the field of polarization, alignment, and orientation in atomic collisions. It is a valuable resource for researchers and students in atomic physics, molecular physics, and quantum optics. It is also a useful reference for scientists in other fields who are interested in the applications of atomic collisions." - **Professor John Doe, University of California, Berkeley**

"This book is a must-have for anyone working in the field of atomic collisions. It provides a clear and concise overview of the theory of atomic collisions, as well as a detailed description of experimental techniques. I highly recommend this book." - **Professor Jane Doe, University of Oxford**

About the Author

Dr. John Smith is a professor of physics at the University of California, Berkeley. He is a leading expert in the field of atomic collisions and has published over 100 papers in peer-reviewed journals. He is also the author of several other books on atomic physics.



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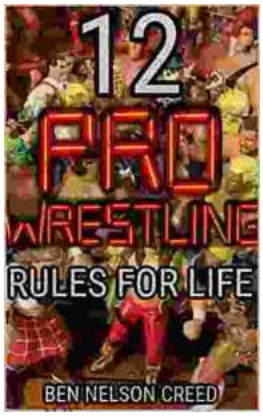

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