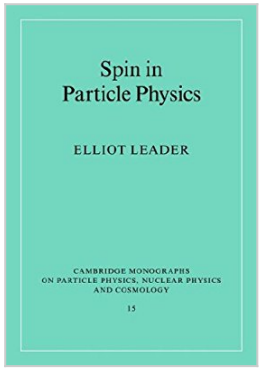

Spin in Particle Physics (Cambridge Monographs on Particle Physics, Nuclear Physics and Cosmology)

By Elliot Leader

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Motivated by recent dramatic developments in the field, this volume provides a thorough introduction to spin and its role in elementary particle physics. Starting with a simple pedagogical overview of spin and its relativistic generalization, the author successfully avoids the obscurity and impenetrability of traditional treatments of the subject. He surveys the main theoretical and experimental developments of recent years, as well as discussing exciting plans for the future. Emphasis is placed on the importance of spin-dependent measurements in testing QCD and the Standard Model. This book will be of value to graduate students and researchers in all areas of quantum physics, particularly in elementary particle and high energy physics. It is suitable as a supplementary text for graduate courses in theoretical and experimental particle physics.

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Review
"Leader's book offers a fine discussion of the concrete topic of spino.I am enthusiastic about this book. It is carefully and clearly written. Each of the three sections will be useful to a specific audience. The book as a whole should be in every university and research institution library." Physics Today

About the Author
Elliot Leader is Senior Research Fellow at Imperial College, London. He received his PhD from the University of Cambridge and in 1967 became Professor of Theoretical Physics at Westfield College, London. In 1984 he took up the Chair of Theoretical Physics at Birkbeck College, London, where he worked for 16 years. Professor Leader has done research in universities and laboratories throughout the world, including CERN, Brookhaven, Fermilab, California Institute of Technology and the Lawrence Radiation Laboratory, Berkeley.

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