

Preface

The participants of the workshop in honor of Professor E. C. G. Sudarshan – held at the University of Texas in Austin, September 15–17, 1991, on the occasion of his 60th birthday – had been asked to submit papers for the proceedings. More than forty contributions were soon received by Professor A. Gleeson who took the editor's responsibilities.

Unfortunately, however, the proceedings could not be published in the form originally intended, and it appeared that the efforts of so many people had been in vain. Finally, the idea came up to publish these papers jointly in a special issue of *Zeitschrift für Naturforschung*. We are grateful for the immediate support by the editor, Professor A. Klemm.

In view of the substantial delay that had occurred it seemed fitting to inquire whether the authors still wanted to see their papers in print; whether contributions needed to be updated; and whether the material had not been published somewhere else in the meantime. Corresponding letters were sent to all first authors.

Most papers are here printed as submitted originally in 1991; these carry no receipt date. A few contributions were replaced by up-to-date versions; these appear with the receipt dates of the new texts. Five articles had been published already; they are reprinted. We would like to thank: (1) Elsevier Science Publishers for the permission to reprint the papers by Aharonov and Anandan, by Białynicki-Birula and Morrison, by Morley, as well as by Teitelboim; and (2) Plenum Publication Corporation for the permission to reprint the paper by Klauder.

The contributions are ordered thematically in five groups, and within each group alphabetically according to the first authors with a few exceptions demanded by the production staff. The first group consists of the introductory after-dinner speech by the late Professor G. Marshak and the recollections of Professor E. Wolf. The papers that follow cover a large variety of subjects and represent fittingly the many fields of physics to which Professor Sudarshan himself has contributed. We have arranged these articles under these four headings: General Physics, Mathematical Physics, Quantum Optics, and Particle Physics.

B.-G. Englert and G. Süssmann
Garching and München, June 1996



Dieses Werk wurde im Jahr 2013 vom Verlag Zeitschrift für Naturforschung in Zusammenarbeit mit der Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. digitalisiert und unter folgender Lizenz veröffentlicht: Creative Commons Namensnennung-Keine Bearbeitung 3.0 Deutschland Lizenz.

Zum 01.01.2015 ist eine Anpassung der Lizenzbedingungen (Entfall der Creative Commons Lizenzbedingung „Keine Bearbeitung“) beabsichtigt, um eine Nachnutzung auch im Rahmen zukünftiger wissenschaftlicher Nutzungsformen zu ermöglichen.

This work has been digitalized and published in 2013 by Verlag Zeitschrift für Naturforschung in cooperation with the Max Planck Society for the Advancement of Science under a Creative Commons Attribution-NoDerivs 3.0 Germany License.

On 01.01.2015 it is planned to change the License Conditions (the removal of the Creative Commons License condition “no derivative works”). This is to allow reuse in the area of future scientific usage.