Instructions to Authors

Authors are kindly requested to note the following points:

Manuscripts should be submitted in duplicate, wirh double spacing. They may be written in English, French or German, but in every case a summary (abstract) in English should be enclosed. The paper must be in its final form in order to avoid corrections of the proofs. Changes in content and style are to be avoided; expenses accruing from such additional corrections will be charged to the authors.

The symbols employed must be so clearly marked that even a layman could have no doubts as to their placing and interpretation. Special type should be indicated by underlining in colour. In order to facilitate the compositor's task we recommend the underlining of *Greek characters in red, Gothic in blue, Script in green. In each case capital letters are characterized by underlining twice, lower case letters by underlining once.* Handwritten Roman characters should be avoided if possible. Bold face type for individual symbols is indicated by underlining with a wavy line in pencil. It is most helpful if formulae are type-written and Roman characters are employed also for Gothic and Script and simply distinguished by underlining in colour. The underlining of formulae and mathematical signs by means of a typewriter should be avoided; this would inevitably lead to inclusion in the composition as part of the mathematical symbol. All letters contained in formulae as well as single letters in the text are automatically composed in italics. Hence, abbreviations that appear in formulae and are to be composed in Roman type (the type normally used for the text) should be specially marked (by underlining in yellow, if possible). The fact that typewriters usually show no difference between the figure 0 (zero) and the letter O, nor frequently, between 1 (one) and the letter l leads to considerable confusion. Here it is absolutely essential that each letter and each numeral be individually distinguished. The numeral 1 should be written clearly as such (i. e. with a preceding hook) and not merely as a downward stroke. The letter is particularly disastrous where 1 appears as a superscript. In manuscripts written in English, in which the small (Roman) letter *a* is employed as a mathematical symbol care must be taken to avoid any confusion with the indefinite article.

Footnotes which do not belong to the head of the article should be numbered consecutively.

References to the literature should appear not as footnotes but as a numbered and complete bibliography at the end of the article. Journal articles should be cited by initials and name(s) of all author(s), the internationally recognized abbreviation for the name of the journal, the volume, the numbers of the first and last pages and the year of publication. Citations of books should include the author(s), full title, edition, place of publication, publisher and year of publication. In the text a reference to the bibliography should be indicated by the corresponding number enclosed in square brackets and placed on the same level as the rest of line (e.g. [5]).

Diagrams and illustrations should be submitted on separate sheets, apart from the text. A clear unambiguous sketch is satisfactory, since it will be redrawn by the publisher.

75 reprints of each article will be supplied to the author free-of-charge and additional copies may be obtained at cost price if ordered before the issue goes to press.

Manuscripts may be sent to

Prof. R. Haag, II. Institut für theoretische Physik der Universität, 2000 Hamburg 50, Luruper Chaussee 149

Prof. N. M. Hugenholtz, Inst. f. theoret. Phys., University of Groningen, The Netherlands

Prof. D. Ruelle, Inst. des Hautes Etudes Scientifiques, Bures-sur-Yvette (S. et O.)., France

Prof. L. Schwartz, Département de Mathématiques, 11 rue Pierre Curie, Paris V, France

Prof. A. Taub, Computer Center, Univ. of California, Berkeley 4, California 94720, U.S.A.

All *business communications* should be directed to

Springer-Verlag,
6900 Heidelberg 1, Germany, Postfach 1780,
Tel. 49101, Telex 04-61723

Volume 11 **Contents** Number 2

Page

MACFARLANE, A. J.: Description of the Symmetry Group $SU\,3/Z\,3$ of the Octet Model 91

LEBOWITZ, J. L., and O. PENROSE: Analytic and Clustering Properties of Thermodynamic Functions and Distribution Functions for Classical Lattice and Continuum Systems 99

OKSAK, A. I., and I. T. TODOROV: Invalidity of TCP-Theorem for Infinite-Component Fields 125

LYAKHOVSKY, V. D.: Generalized Symmetries and Deformations of the Direct Sums of Lie Algebras 131

ASCHER, E., and A. JANNER: Algebraic Aspects of Crystallography. II. Non-primitive Translations in Space Groups 138

INGÓLFSSON, K.: Die Abweichung vom Exponentialzerfall angeregter Zustände 168

Verantwortlich für den Anzeigenteil: Edgar Seidler, 1 Berlin 33, Heidelberger Platz 3.
Springer-Verlag, Berlin · Heidelberg · New York — Druck der Brühlschen Universitätsdruckerei, Gießen
Printed in Germany