

INSTRUCTIONS TO AUTHORS

A. General

In upper right corner of title page **write by hand** "For CMP".

Manuscripts should be submitted in duplicate. They should preferably be written in English; papers in French or German are also accepted.

Manuscripts must be in their **final form**, typed on one side of each sheet only, with double spacing and wide margins. Formulae should be typewritten whenever possible. Mimeographed copies are not acceptable unless clearly legible.

Please include a "Note for the Printer" explaining markings used. See suggestion overleaf.

To speed up publication, authors will receive **only one set of proofs**: provisionally numbered page proofs. Authors are requested to **correct typographical errors only**; they will be charged for corrections involving changes, additions or deletions to the original manuscript.

Diagrams should be submitted on separate sheets, not included in the text. They should be drawn in Indian ink in clean uniform lines, the whole about twice the size of the finished illustration. Inscriptions should allow for the figure 1, for example, to be about 2 mm high in the final version (i.e. 4 mm for reduction $\times \frac{1}{2}$). The author should mark in the margin of the manuscript where diagrams may be inserted.

Footnotes, other than those which refer to the title heading, should be numbered consecutively and placed at the foot of the page to which they refer (not at the end of the article).

Please give on the first page of the manuscript a **running head** (condensed title), which should not exceed 70 letters including spaces.

References to the literature should be listed at the end of the manuscript. The following information should be provided for **journal articles**: names and initials of all authors, name of the journal, volume, first and last page numbers and year of publication. References to **books** should include name(s) of author(s), full title, edition, place of publication, publisher and year of publication.

Examples

Bombieri, E., Giusti, E.: *Inventiones math.* **15**, 24–46 (1971)

Tate, J. T.: *p*-Divisible groups. In: *Proceedings of a conference on local fields*, pp. 158–183. Berlin, Heidelberg, New York: Springer 1967

Authors of this journal can benefit from library and photocopy fees collected by VG WORT if certain conditions are met. If an author lives in the Federal Republic of Germany or in West Berlin, it is recommended that he contact Verwertungsgesellschaft WORT, Abteilung Wissenschaft, Goethestrasse 49, D-8000 München 2, for detailed information.

B. Marking

1. Text

The words “**Theorem**”, “**Lemma**”, “**Corollary**”, “**Proposition**” etc. are normally printed in **boldface**, followed by the formulation in italics (to be underlined in the manuscript).

The words “*Proof*”, “*Remark*”, “*Definition*”, “*Note*” etc. are printed in italics with the formulation in ordinary typeface.

Words or sentences to be set in italics should be marked by single underlining.

2. Formulae

Letters in formulae are normally printed in italics, figures in ordinary typeface.

It will help the printer if in doubtful cases the position of indices and exponents is marked thus: b^p , a^q . Spacing of indices and exponents must be specially indicated ($A_{m^n n^m}$) otherwise they will be set (A_{mn}^{nm}).

Underlining for special alphabets and typefaces should be done according to the following code:

single underlining:	small letter
double underlining:	capital letter
brown:	boldface headings, boldface letters in formulae
yellow:	upright (abbreviations e.g. Re, Im, log, sin, ord, id, lim, sup, etc.)
red:	Greek
blue:	Gothic
green:	Script
violet:	the numeral 1, and zero (to distinguish them from the small letter <i>l</i> and the capital letter <i>O</i>)

The following are frequently confused:

$\cup, \mathbf{u}, \bigcup, U; \circ, o, O, 0; \times, x, X, \kappa; \vee, v, \nu; \theta, \Theta, \phi, \varphi, \Phi, \emptyset; \psi, \Psi; \varepsilon, \epsilon;$

a', a^1 ; the symbol a and the indefinite article a ;

also the handwritten Roman letters:

$c, C; e, l; I, J; k, K; o, O; p, P; s, S; u, U; v, V; w, W; x, X; z, Z;$

Please take care to distinguish them in some way.

C. Examples

1. Special alphabets or typefaces

Script	<i>A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z</i> <i>a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z</i>
Sanserif	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
Gothic	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
Boldface	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
Special Roman	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, 1
Greek	$\Gamma, \Delta, \Theta, \Lambda, \Xi, \Pi, \Sigma, \Phi, \Psi, \Omega$ $\alpha, \beta, \gamma, \delta, \varepsilon, \zeta, \eta, \theta, \vartheta, \iota, \kappa, \lambda, \mu, \nu, \xi, \omicron, \pi, \rho, \sigma, \tau, \upsilon, \varphi, \phi, \chi, \psi, \omega$

2. Notations

preferred form	instead of	preferred form	instead of
$A^*, \bar{b}, \gamma', \nu$	$\bar{A}, \bar{b}, \bar{\gamma}, \bar{\nu}$	$f: A \rightarrow B$	$A \xrightarrow{f} B$
lim sup, lim inf	$\overline{\lim}, \underline{\lim}$		$\cos \frac{1}{x}$
inj lim, proj lim	$\overleftarrow{\lim}, \overrightarrow{\lim}$	$\frac{\cos(1/x)}{(a+b/x)^{1/2}}$	$\sqrt{a + \frac{b}{x}}$
$\exp(-(x^2 + v^2)/a^2)$	$e^{-\frac{x^2 + v^2}{a^2}}$		
f^{-1}	f^{-1}		

Zeitschrift für Physik **C** **Particles and Fields**

ISSN 0170-9739

Title No. 288

Subscription Information:

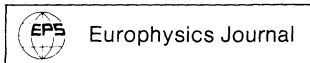
1981. Volumes 7-10 (4 issues each).
Sample copy upon request.

All countries (except North America):
1981. DM 864,-, plus postage and
handling.

Send your order or request to your
bookseller or directly to:
Springer-Verlag, Wissenschaftliche Infor-
mation Zeitschriften, Postfach 105280,
D-6900 Heidelberg, FRG

North America:

1981: US \$ 528.00, including postage and
handling. Subscriptions are entered with
prepayment only. Send your order or
request to your bookseller or to:
Springer-Verlag New York Inc., Journal
Sales Dept., 44 Hartz Way, Secaucus,
NJ 07094, USA



Editors in Chief: G. Kramer, Hamburg; H. Satz, Bielefeld

Editors: K. Fujikawa, Tokyo; K. Gottfried, Ithaca; K. Kajantie,
Helsinki; A. Krzywicki, Orsay; P. V. Landshoff, Cambridge;
J. J. Sakurai, Los Angeles; P. Söding, Hamburg; B. Stech,
Heidelberg; J. Steinberger, Geneva

Zeitschrift für Physik appears in three parts:

- A: Atoms and Nuclei
- B: Condensed Matter
- C: Particles and Fields

Each part may be ordered separately.

Coordinating editor for *Zeitschrift für Physik*, Parts A, B
and C: O. Haxel, Heidelberg

**ZEITSCHRIFT FÜR PHYSIK C
PARTICLES AND FIELDS**

- Experimental and theoretical particle physics
- Structure of elementary particles
- High energy processes
- Strong, electromagnetic and weak interactions
- Symmetry principles
- Unification schemes
- S-matrix theory
- Quantum field theory



Springer-Verlag
Berlin
Heidelberg
New York

Communications in
**Mathematical
Physics**

Chief Editor A. Jaffe, Cambridge, MA

Editorial Board H. Araki, Kyoto
J. Ginibre, Orsay
J. Glimm, New York, NY
R. Haag, Hamburg
J. L. Lebowitz, New Brunswick, NJ
E. Lieb, Princeton, NJ
J. Moser, Zürich
K. Osterwalder, Zürich
D. Ruelle, Bures-sur-Yvette
B. Simon, Pasadena, CA
Ya. G. Sinai, Moscow
R. Stora, Geneva
S.-T. Yau, Princeton, NJ

Advisory Board M. F. Atiyah, Oxford
A. Connes, Bures-sur-Yvette
S. Hawking, Cambridge
G. 't Hooft, Utrecht
C. N. Yang, Stony Brook, NY

Responsible for advertisements

Springer-Verlag
Printers
Printed in Germany

E. Lückermann, Kurfürstendamm 237, D-1000 Berlin 15

Telephone: (030) 8821031, Telex 01-85411

Berlin Heidelberg New York

Brühlsche Universitätsdruckerei, Giessen

© Springer-Verlag GmbH & Co. KG Berlin Heidelberg 1981