

PHYSICAL REVIEW C

NUCLEAR PHYSICS

Published by the
American Institute of Physics
for

The American Physical Society

Officers

President

WILLIAM A. FOWLER
California Institute of Technology

Vice-President

GEORGE E. PAKE
Xerox Research Center

Vice-President Elect

NORMAN F. RAMSEY
Harvard University

Executive Secretary

W. W. HAVENS, JR.
Columbia University

Treasurer

JOSEPH A. BURTON
Bell Telephone Laboratories

Managing Editor of The Physical Review

B. CHALMERS FRAZER
Brookhaven National Laboratory

Regional Secretaries:

Central States

J. ERSKINE
Argonne National Laboratory

Western States

WARD WHALING
California Institute of Technology

Southwest and Mountain States

JOHN L. WARREN
Los Alamos Scientific Laboratory

Southeastern States

L. W. SEAGONDOLLAR
North Carolina State University

Secretary Emeritus

K. K. DARROW
Bell Telephone Laboratories
(retired)

Treasurer Emeritus

S. L. QUIMBY
Columbia University

Office of the Society

The American Physical Society
335 East 45th Street
New York, N.Y. 10017

Editor

H. H. BARSCHALL

Associate Editors

G. J. DREISS M. S. WEISS

Manuscripts for publication should be submitted to the Editor, *Physical Review*, Brookhaven National Laboratory, Upton, N. Y. 11973. The authors' institutions are requested to pay a publication charge of \$70 per page which, if honored, entitles them to 100 free reprints. An additional \$15 is requested for advance publication of the abstract in *Physical Review Abstracts*.

Correspondence concerning papers in the process of publication should be addressed as follows: Supervisor, Editorial Department, American Institute of Physics, SUNY, Bldg. 3, P.O. Box Q, Stony Brook, N.Y. 11790. Reference must be made to title, author, journal, and scheduled date of publication.

Annual Subscription Prices

Subscription prices for American Physical Society members only are for the fiscal year July 1, 1975–June 30, 1976.

	No. Issues	Domestic*	Foreign (Surface Mail)**	Optional Air Freight Europe	Optional Air Freight Asia
Physical Review A	12	\$15.00 (60)	\$18.00 (65)	\$32.00 (75)	\$ 50.00 (88)
Physical Review B	24	30.00 (120)	36.00 (130)	68.00 (152)	100.00 (180)
Physical Review C	12	15.00 (60)	18.00 (65)	38.00 (76)	52.00 (89)
Physical Review D	24	30.00 (120)	36.00 (130)	58.00 (148)	90.00 (170)
Physical Review Index	2	3.50 (12)	4.00 (14)	6.00 (16)	8.00 (17)
Physical Review A, B, C, D, & Index	74	90.00 (360)	108.00 (390)	196.00 (461)	292.00 (527)

The prices in parentheses are nonmember subscription prices (January–December 1976).

*Domestic subscription rates apply to U.S. & Possessions, Canada, & Mexico.

**Foreign surface mail subscription rates apply to countries not served by air freight not electing optional air freight.

Back Number Price: Single copies, \$7.00.

Microfilm Subscription Prices

Physical Review A-D also appear on a monthly basis in *Current Physics Microform (CPM)* Section 1 (\$2100 per year) along with 24 other journals published by the American Institute of Physics and its member societies.

Microfilm subscriptions to *Physical Review A-D* (including indexes) are available on 16- and 35-mm film. Send orders and inquiries to: Dept. N/M, American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017. *Physical Review C* individual microfilm prices (which include *PR Index*) are the following:

Volumes	Dates	Prices
1–2	1970	\$64.00
3–4	1971	67.00
5–6	1972	63.00
7–8	1973	71.00
9–10	1974	58.00

Subscriptions, renewals, address changes, and single-copy orders should be addressed to: Subscription Fulfillment Division, American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017. Allow at least six weeks advance notice. For address changes please send both old and new addresses, and, if possible, include an address-stencil imprint from the mailing wrapper of a recent issue. For your convenience a change of address form is included in every issue of *Physics Today*: please use it.

Copyright: All the material published in this journal is copyright © 1976 by the American Physical Society. Permission is granted to quote from this journal in scientific articles, with the customary acknowledgment of the source. Reproduction of figures and tables is permitted provided that the author's consent is obtained and that the editorial office is notified. Reproduction of whole articles requires written permission of both author and the Managing Editor.

Physical Review C is published once a month (on the 1st of each month).
Second-class postage rates paid at New York, N.Y. and additional mailing offices.