

PHYSICAL REVIEW C

NUCLEAR PHYSICS

Published by the
American Institute of Physics
for
The American Physical Society

Officers

President
GEORGE E. PAKE
Xerox Research Center

Vice-President
NORMAN F. RAMSEY
Harvard University

Vice-President Elect
LEWIS M. BRANSCOMB
IBM Corporation

Executive Secretary
W. W. HAVENS, JR.
Columbia University

Treasurer
JOSEPH A. BURTON
Bell Laboratories
(retired)

*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 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. To support the cost of wide dissemination of research results through publication of journal pages, the authors' institutions are requested to pay a publication charge of \$70 per page, which, if honored, entitles them to 100 free reprints. Nonpayment of the publication charge may lead to delays in publication. An additional \$15 per article is requested for advance publication of the abstract in *Physical Review Abstracts*.

Subscription prices (table below) for American Physical Society members only are for the fiscal year July 1, 1977-June 30, 1978. The prices in parentheses are nonmember subscription prices (January-December 1977). Domestic subscription rates apply to U.S. & Possessions, Canada, & Mexico.

	No. Issues	Domestic	Foreign Surface Mail	Optional Air Freight Europe	Optional Air Freight Asia
Physical Review A	12	\$15.00 (60)	\$22.00 (67)	\$34.00 (77)	\$54.00 (95)
Physical Review B	24	30.00 (120)	44.00 (134)	74.00 (160)	107.00 (190)
1st or 15th issue only	12	15.00	22.00	37.00	59.00
Physical Review C	12	15.00 (60)	22.00 (67)	40.00 (83)	59.00 (100)
Physical Review D	24	30.00 (120)	44.00 (134)	70.00 (156)	96.00 (180)
1st or 15th issue only	12	15.00	22.00	35.00	48.00
Physical Review Index	2	3.50 (12)	6.50 (15)	8.50 (16)	9.50 (17)
Physical Review A, B, C, D, & Index	74	90.00 (360)	132.00 (402)	218.00 (476)	316.00 (565)

Back Number Price: Single copies, \$7.00.

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	Volumes	Dates	Prices
1-2	1970	\$ 64.00	9-10	1974	\$ 58.00
3-4	1971	67.00	11-12	1975	55.00
5-6	1972	63.00	13-14	1976	60.00
7-8	1973	71.00			

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.

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*.

Copyright: All the material published in this journal is copyright © 1977 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 at New York, N. Y. and additional mailing offices.