CODEN: RMPHAT ISSN: 0034-6861

Reviews of Modern Physics

Editorial Office

Department of Physics
University of Washington
Box 351560
Seattle, WA 98195-1560

Fax: (206) 543-6782
E-Mail: rmp@phys.washington.edu
http://www.phys.washington.edu/~rmp/

RMP Online

http://rmp.aps.org

A quarterly journal published by The American Physical Society through the American Institute of Physics.

Reviews of Modern Physics seeks to enhance communication among physicists by publishing comprehensive scholarly reviews of significant topics, as well as colloquia and tutorial articles in rapidly developing fields of physics.

Editor: George F. Bertsch, Department of Physics, University of Washington, Seattle, WA 98195

Colloquium Editor: Anthony F. Starace, Dept. of Physics & Astronomy, University of Nebraska, Lincoln, NE 68588-0111

Associate Editors:
M. Dine, Department of Physics, University of California, Santa Cruz, CA 95064
A. M. Goldman, Department of Physics, University of Minnesota, Minneapolis, MN 55455
R. M. Martin, Department of Physics, University of Illinois, Urbana, IL 61801
C. F. McKee, Departments of Physics and Astronomy, University of California, Berkeley, CA 94720
K. Nakamura, Institute of Particle and Nuclear Studies, KEK (High Energy Accelerator Research Organization), Oho, Tsukuba, Japan
C. J. Pethick, Nordita, DK-2100 Copenhagen Ø, Denmark
S. C. Prager, Department of Physics, University of Wisconsin, Madison, WI 53706
A. Richter, Institut für Kernphysik, Technische Universität Darmstadt, D-64289 Darmstadt, Germany
P. Zoller, Institute of Theoretical Physics, Universität Innsbruck, 6020 Innsbruck, Austria

Assistant Editor: Karie Friedman
American Institute of Physics Editorial Staff: Kathleen Bubbeo, Doug Parker, Meredith Leonardi

Subscription Prices (1999)

	U.S.A. and Poss.	Can., Mex., Central and S. Amer., & Carib.	Europe, Asia, Africa, and Oceania	
			Surface	Airfreight
Nonmembers	$405	$415	–	$435

Information regarding reduced subscription prices for members of the American Physical Society, members of AIP societies, and members of APS reciprocal societies (cooperating foreign physical societies) is provided on the RMP website, http://www.phys.washington.edu/~rmp/. For information on reprints and submission of manuscripts, see inside back cover.

Copyright 1999, The American Physical Society. Permission to quote excerpts or to reprint any figures or tables should be obtained directly from an author. The American Physical Society for its part hereby grants permission to quote excerpts and reprint up to 25 figures and/or tables from its journals with acknowledgment of the sources. Requests for permission to reprint in one publication more than 25 figures and/or tables from the totality of APS journals must be made in writing to the Associate Publisher (see address below). A $10 fee per figure and/or table in excess of 25 will be charged. **Individual** teachers, students, researchers, and libraries in nonprofit institutions acting for them are permitted to make hard copies of articles for use in teaching or research, provided such copies are not sold. **Copying of articles** for sale by document delivery services or suppliers, or beyond the free copying allowed above, is permitted against payment of a copying fee, which is $15.00 plus $0.20 per page. This fee for document delivery services is shown at the bottom of the first page of each article. Express permission of APS is not required, except for purposes stated below, provided that the fee is paid through the Copyright Clearance Center, Inc. (CCC), 222 Rosewood Drive, Danvers, MA 01923. Contact the CCC for information on how to report copying and remit payments. **Reproduction** in a reprint collection, or for advertising or promotional purposes, or republication in any form requires permission of one of the authors and a license from APS. Such a license must be sought from Barbara Hicks, Associate Publisher, The American Physical Society, One Physics Ellipse, College Park, MD 20740-3844. Permission of the author must be obtained from him or her directly.

Periodicals postage paid at Huntington Station, NY and at additional mailing offices.