CODEN: RMPHAT

ISSN: 0034-6861 (print)
1539-0756 (online)

Reviews of Modern Physics

A quarterly journal published by The American Physical Society,
Martin Blume, Editor-in-Chief.

Editorial Office

Reviews of Modern Physics
American Physical Society
1 Research Road
Box 9000
Ridge, NY 11961-9000

Fax: (631) 591-4141
E-Mail: rmp@aps.org
http://rmp.aps.org

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

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.

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

Associate Editors:
D. Belitz, Department of Physics, University of Oregon, Eugene, OR 97403
J. I. Cirac, Max-Planck-Institut für Quantenoptik, D-85748 Garching, Germany
H. Flocard, Institut de Physique Nucléaire, 91406 Orsay, France
A. F. Hebard, Department of Physics, University of Florida, Gainesville, FL 32611-8440
D. Kleppner, Center for Ultracold Atoms, MIT Cambridge, MA 02139
J. H. Krolik, Department of Physics and Astronomy, Johns Hopkins University, Baltimore, MD 21218
A. V. Manohar, Department of Physics, University of California, San Diego, La Jolla, CA 92093
D. D. Meyerhofer, Laboratory for Laser Energetics, University of Rochester, Rochester, NY 14623
J. H. Schwarz, Department of Physics, Caltech 452-48, Pasadena, CA 91125

Assistant Editor: Debbie Brodbar
Production Division Editor: Brian McKenna

Subscription Prices
Information regarding subscription prices, including reduced 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://rmp.aps.org/info/subscriptions.html.

Copyright © 2005, by The American Physical Society. All rights reserved.
Reviews of Modern Physics™ is a trademark of The American Physical Society.
Rights and Permissions
Copying: No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the written permission of the publisher, except as stated below. Single copies of individual articles may be made for private use or research. Authorization is given to copy articles beyond the use permitted by Sections 107 and 108 of the U.S. Copyright Law, provided the copying fee of $22.50 per copy per article for *Physical Review* and *Physical Review Letters,* $50 per copy per article for *Reviews of Modern Physics*, is paid to the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA.
Reproduction of an entire Article in a reprint collection, or for advertising or promotional purposes, or republication in any form requires permission from APS. Permission must be sought from the Associate Publisher, The American Physical Society, One Physics Ellipse, College Park, MD 20740-3844.
Other Use: Permission is granted to quote from the journal with the customary acknowledgment of the source. Permission must be sought from the APS Associate Publisher to reproduce a figure, table, or excerpt of an Article. Authorization for private use or research does not extend to systematic or multiple reproduction, to copying for promotional purposes, to distribution in any format, or to republication in any form. In all such cases, specific permission from APS must be obtained.

POSTMASTER: Send address changes to Reviews of Modern Physics, APS Subscription Services, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502. The 2005 print + online base price is $525. Periodicals postage rates are paid at Huntington Station, NY, and additional mailing offices.