Manuscripts may be submitted electronically if in appropriate format (see http://publish.aps.org/ESUB/ or inquire at pratex@aps.org). Alternatively, send four copies to the Editorial Office. Submission is a representation that the manuscript has not been published previously and is not currently under consideration for publication elsewhere. A signed APS copyright-transfer form (effective only on acceptance for publication) must be provided; the form is available on our Web server and appears at the end of the 7 August 2000 issue of Physical Review Letters. Information for contributors may be found on our Web server or in the January and July issues.

To help defray editorial and production expenses, authors of published articles are requested to pay a publication charge of $90 per article plus $90 per journal page. Publication charges are not requested for properly prepared electronic submissions. Acceptable formats are REVTeX, LaTeX, H^20849, Plain TeX, and PostScript figures. Reprints are offered for sale to authors.

For information about subscription prices and about the online version of the journal, see our Web server, or inquire at assocpub@aps.org. Memberships should address subscription inquiries to APS Subscription Services. For address changes please send both old and new addresses, and, if possible, include a street address stenciled imprint from the mailing wrapper of a recent issue; allow six weeks advance notice.

Copyright 2001 by The American Physical Society

Permission to quote excerpts or to reprint any figures or tables should be obtained directly from the author. The American Physical Society for its part hereby grants permission to quote excerpts and reprint figures and/or tables from its journals with acknowledgment of the sources. 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. The current copying fee is $15.00 per article, per copy, 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 both the author 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 from the author must be sought and obtained from him or her directly.

Physical Review A (ISSN: 1050-2947; CODEN PLRAAN; printed in USA) is published monthly (on the 1st of each month) by The American Physical Society through the American Institute of Physics.

POSTMASTER: Send address changes to Physical Review A, APS Subscription Services, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502. The 2001 subscription price is US$1830 (US institutions). Periodicals postage rates are paid at Huntington Station, NY, and additional mailing offices.