

AMERICAN MATHEMATICAL SOCIETY

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PROVIDENCE, RHODE ISLAND USA ISSN 0273-0979

BULLETIN (New Series) of the American Mathematical Society

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These are, by definition, papers which present a clear and insightful exposition of significant aspects of contemporary mathematical research. Gibbs lectures and retiring presidential addresses will be included in this section. Manuscripts should be submitted to Professor Richard S. Palais, Department of Mathematics, Brandeis University, Waltham, MA 02154-9110.

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BULLETIN (New Series) of the American Mathematical Society (USPS 075640) is published quarterly by the American Mathematical Society at 201 Charles Street, Providence, RI 02904-2213. Second-class postage is paid at Providence, Rhode Island and additional mailing offices. Postmaster: Send address changes to BULLETIN, American Mathematical Society, P.O. Box 6248, Providence, RI 02940-6248.

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This publication was typeset using AMS-TEX, the American Mathematical Society's TEX macro system.