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Richard S. Palais, Research-Expository Papers Murray Protter, Book Reviews Frank Quinn, Research Announcements

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This journal is devoted to articles of the following types:

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These are, by definition, papers that present a clear and insightful exposition of significant aspects of contemporary mathematical research. Gibbs lectures, Progress in Mathematics lectures, and retiring presidential addresses will be included in this section.

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The results should be, roughly speaking, among the 40 most significant or interesting achievements in mathematics in the year. The paper should contain background material for nonexperts which indicates why the results are significant and interesting.

The paper should be addressed to as wide an audience as possible, not just to experts. Strive for clarity and precision. Avoid jargon and introduce the terminology necessary to understand the main results. If space considerations prevent a full development, delineate clearly what is not being explained and provide references. The proof sketch can be more technical.

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