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This report, the hundred and fourth in a series of quarterly progress reports issued by the Research Laboratory of Electronics, contains a review of the research activities of the Laboratory for the three-month period ending November 30, 1971. Since this is a report on work in progress, some of the results may not be final.

Following our custom of the past several years, in this issue of January 15, 1972 we preface the report of each research group with a statement of the objectives of the group. These summaries of our aims are presented in an effort to give perspective to the detailed reports of this and ensuing quarters.
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<th>KEY WORDS</th>
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