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The beauty of the experiment is that the resulting values can be related directly to the motions of electrons in the rod. The values indicate the large portion of magnetization due to the *spin* of electrons . . . and the slight, but theoretically important, remaining portion due to *orbital* motion of electrons.

These measured values are helping scientists form a better understanding of the perplexing phenomenon—ferromagnetism. Currently being pursued in cooperation with the Charles F. Kettering Foundation, this long-standing project is one of the ventures in basic research of the General Motors Research Laboratories.

# General Motors Research Laboratories Warren, Michigan

System of Helmholtz coils used to neutralize earth's magnetic field.



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# Set Theory: Your Choice

Two new books in Van Nostrand's distinguished University Series in Undergraduate Mathematics give you a choice: naive or axiomatic set theory. Here are excerpts from two early reviews. We cite the sources so that you may refer to the original reviews.

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### by Paul R. Halmos, Professor of Mathematics, University of Chicago

"Those of us who have been so pleasantly introduced to the intricacies of linear algebra and measure theory by Paul Halmos will not be disappointed by his new excursion into the realm of set theory.... It is 'naive' only in the sense that it is informal, contains a minimum of special symbols, and has a charming conversational style.... It can be read with pleasure by all, and with great profit by those willing to fill in the details of the proofs." Elliott Mendelson of Columbia University in The Journal of Philosophy, July 21, 1960 1960, 104 pages, \$3.50

# AXIOMATIC SET THEORY

### by Patrick Suppes, Professor of Philosophy, Stanford University

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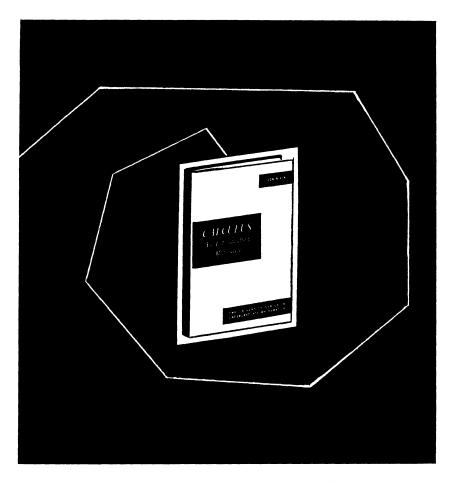
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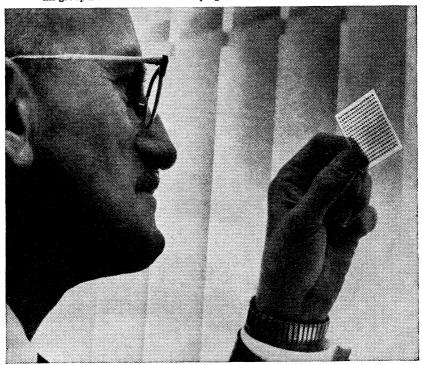
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