

BOOKS RECEIVED

During January and February

The Genteel Tradition at Bay. George Santayana. Charles Scribner's Sons, 1931. Pp. 74

Tibet's Great Yogi Milarepa. Evans-Wentz. Oxford University Press, London, 1928. Pp. 315

Reason and Nature. Morris R. Cohen. Harcourt, Brace and Company, 1931. Pp. 470

The Meaning of the Cross. Henry Sloan Coffin. Charles Scribner's Sons, 1931. Pp. 164.

The Dynamic Universe. James Mackaye. Charles Scribner's Sons, 1931. Pp. 308.

The Mind of Christ in Paul. Frank Chamberlin Porter. Charles Scribner's Sons, 1930. Pp. 232.

A Defense of Philosophy. Ralph Barton Perry. Harvard University Press, 1931. Pp. 56.

Origin and Growth of Religion. W. Schmidt. Lincoln MacVeagh, Dial Press, 1931. Pp. 297.

The Logic of Science. Harold R. Smart. Appleton, 1931. Pp. 237.

Le Judaïsme. Julien Weill. Librairie Félix Alcan, 1931. Pp. 241.

For Leaders —

The **JOURNAL OF RELIGION**

To read *The Journal of Religion* is to keep in the vanguard of those who are thinking about the problems of present day religious life.

This non-sectarian periodical provides for its readers an unprejudiced, critical account of modern religious thought. It attempts to reveal the inner reality of religion, rather than to defend a doctrinal system. It consistently avoids cant, dogma, technical abstruseness; and constantly emphasizes the interrelationship of religious life and social environment.

This scholarly journal is indispensable to the serious reader interested in religion as a living, spiritual reality in society, in history, and in individual experience.

The Journal of Religion is edited by Shirley Jackson Case with the cooperation of the Divinity Faculty and Conference of the University of Chicago. It is published quarterly at the subscription price of \$3.00 a year.

If you wish to examine *The Journal of Religion* a sample copy will be mailed you free upon request.

THE UNIVERSITY OF CHICAGO PRESS
5750 ELLIS AVE. . . . CHICAGO, ILLINOIS

THE LOGIC OF DISCOVERY

By

ROBERT D. CARMICHAEL

Head of the Department of Mathematics
University of Illinois

The main aspects of the process of discovery are skillfully discussed in a manner to interest the non-technical reader.

Three of the chapters have previously been published in *The Monist*, *Scientia* and *The Scientific Monthly*.

TABLE OF CONTENTS

Chapter

- I The Logic of Discovery
- II What is the Place of Postulate Systems in the Further Progress of Thought?
- III On the Nature of Systems of Postulates
- IV Concerning the Postulational Treatment of Empirical Truth
- V The Structure of Exact Thought
- VI The Notion of Doctrinal Function
- VII Hypothesis Growing into Veritable Principle
- VIII What is Reasoning?
- IX The Larger Human Worth of Mathematics
- Index

Pp. 280, cloth. Price \$2.00

By the same Author

A DEBATE ON THE THEORY OF RELATIVITY with an introduction by William Lowe Bryan, Indiana University.

Favoring the Theory: Robert D. Carmichael, University of Illinois, and Harold T. Davis, Indiana University.

Opposing the Theory: William D. MacMillan, University of Chicago and Mason E. Hufford, Indiana University.

(First Impression in 1925, Second Impression in 1927.)

Cloth, \$2.00

THE OPEN COURT PUBLISHING COMPANY

Chicago

London