SOCRATES

How bold the vision of a mind
Unkept of Dogma's dismal theme,
In quest of Truth, itself to find
Awake to Nature's endless theme!

A soul enlarged of forward thought
In brilliance ringed, a thing sublime,
Earth-seized, as of some meteor caught
Long centuries before its time.

In mortal thrall immortal sense

No earthly bounds of transport knew—
The spheres alone pledged recompense
To righteous quest's protracted view.

As fleshed in outward form a man,
He sought in humble part to dwell;
And, sundering Convention's ban,
He dared to be an infidel.

How impotent is Death's crude hand
That wills to serve a fatal cup,
When Virtue, moved of Faith's command,
Flings off with jest the poisoned cup!"

CHARLES SLOAN REID

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