



Philosophy *of* Science



VOLUME 18, NUMBER 3

Published Quarterly by The Williams &
Wilkins Company, Baltimore-2, Maryland

July, 1951

PHILOSOPHY OF SCIENCE

ORGAN OF THE PHILOSOPHY OF SCIENCE ASSOCIATION

FOUNDED BY

WILLIAM MARIAS MALISOFF

EDITOR, C. WEST CHURCHMAN

in collaboration with

GUSTAV BERGMANN

HENRY MARGENAU

The Governing Committee of the Philosophy of Science Association:

PHILIPP FRANK

GUSTAV BERGMANN

F. S. C. NORTHROP

ROBERT K. MERTON

SEBASTIAN LITTAUER

WALTER KAHOE

HENRY MARGENAU

Book Reviews

RUSSELL L. ACKOFF

FRANK E. HARTUNG

Advisory Board

ERIC T. BELL

R. S. LILLIE

A. C. BENJAMIN

W. P. MONTAGUE

NIELS BOHR

CHARLES W. MORRIS

RUDOLF CARNAP

JOSEPH NEEDHAM

W. J. CROZIER

HANS REICHENBACH

C. J. DUCASSE

OLIVER L. REISER

ALBERT EINSTEIN

O. K. RICE

HERBERT FEIGL

D. RUNES

R. A. FISHER

C. E. SEASHORE

R. W. GERARD

H. SHAPLEY

J. B. S. HALDANE

EDGAR A. SINGER

L. INFELD

DIRK J. STRUIK

EDA MALISOFF KAHANAS

M. S. VALLARTA

W. KOHLER

PAUL WEISS

I. LANGMUIR

N. WEINER

F. Z. ZWICKY

Sustaining Institutions: Wayne University and State University of Iowa

Entered as second class matter November 25, 1933, at the Post Office, at Baltimore, Maryland, under the Act of March 3, 1879.

Made in United States of America

Subscription price \$5.00 per volume. Single numbers \$1.25

Philosophy of Science

VOL. 18

July, 1951

NO. 3



CONTENTS

Professor Margenau and the Problem of Physical Reality. W. H. Werkmeister- - - - -	183
Biology and Unitary Principle. Ralph S. Lillie -	193
Relativity and Representativeness. Kenneth R. Hammond - - - - -	208
Note on Hammond's Analogy Between "Relativity and Representativeness." Egon Brunswik -	212
Contemporary Philosophy and Philosophy of Science. John Stokes Adams- - - - -	218
Form and Content in Empirical Science. Herbert L. Searles - - - - -	223
Mechanism, Organism, and Society: Some Models in Natural and Social Science. Karl W. Deutsch - - - - -	230
The Experiment and its Role in the Theory of Knowledge. Silvo Fiala - - - - -	253
Cooperative Research in the Science of Religion. George Y. Rusk - - - - -	259
Discussion: The Psycho-Linguistic Movement in Holland. D. Vuysje - - - - -	262
News and Notices - - - - -	269
Book Reviews	
Stuart Chase's <i>The Proper Study of Mankind</i> . Burr McCloskey - - - - -	270
P. W. Bridgman's <i>The Nature of Physical Theory</i> . R.L.A. - - - - -	271
Books Received - - - - -	272

Copyright 1951, The Williams & Wilkins Company

PHILOSOPHY OF SCIENCE

ORGAN OF THE PHILOSOPHY OF SCIENCE ASSOCIATION

FOUNDED BY

WILLIAM MARIAS MALISOFF

EDITOR, C. WEST CHURCHMAN

in collaboration with

GUSTAV BERGMANN

HENRY MARGENAU

The Governing Committee of the Philosophy of Science Association:

PHILIPP FRANK

GUSTAV BERGMANN

F. S. C. NORTHROP

ROBERT K. MERTON

SEBASTIAN LITTAUER

WALTER KAHOE

HENRY MARGENAU

Book Reviews

RUSSELL L. ACKOFF

FRANK E. HARTUNG

Advisory Board

ERIC T. BELL

R. S. LILLIE

A. C. BENJAMIN

W. P. MONTAGUE

NIELS BOHR

CHARLES W. MORRIS

RUDOLF CARNAP

JOSEPH NEEDHAM

W. J. CROZIER

HANS REICHENBACH

C. J. DUCASSE

OLIVER L. REISER

ALBERT EINSTEIN

O. K. RICE

HERBERT FEIGL

D. RUNES

R. A. FISHER

C. E. SEASHORE

R. W. GERARD

H. SHAPLEY

J. B. S. HALDANE

EDGAR A. SINGER

L. INFELD

DIRK J. STRUIK

EDA MALISOFF KAHANAS

M. S. VALLARTA

W. KOHLER

PAUL WEISS

I. LANGMUIR

N. WEINER

F. Z. ZWICKY

Sustaining Institutions: Wayne University and State University of Iowa

Made in United States of America