



Philosophy of Science



VOLUME 4, NUMBER 3

*Published Quarterly by The Williams &
Wilkins Company, Baltimore, Maryland*

July, 1937

PHILOSOPHY OF SCIENCE

ORGAN OF THE PHILOSOPHY OF SCIENCE ASSOCIATION

The Editorial Board

WILLIAM MARIAS MALISOFF, *Editor*
New York, N. Y.

ERIC TEMPLE BELL	K. S. LASHLEY
ALBERT E. BLUMBERG	HENRY MARGENAU
RUDOLF CARNAP	H. J. MULLER
MORRIS RAPHAEL COHEN	L. SUSAN STEBBING
W. W. COOK	DIRK J. STRUIK
HERBERT FEIGL	ALEXANDER WEINSTEIN

The Advisory Board

EDGAR ALtenburg	W. KÖHLER	O. K. RICE
G. D. BIRKHOFF	K. LANDSTEINER	A. E. RUARK
NIELS BOHR	I. LANGMUIR	GEORGE SARTON
MARCEL BOLL	RALPH LILLIE	C. E. SEASHORE
P. W. BRIDGMAN	A. O. LOVEJOY	H. SHAPLEY
K. T. COMPTON	W. MAYER	E. A. SINGER, JR.
E. U. CONDON	W. P. MONTAGUE	HENRY B. SMITH
W. J. CROZIER	T. H. MORGAN	W. F. G. SWANN
JOHN DEWEY	CHAS. W. MORRIS	R. C. TOLMAN
F. G. DONNAN	JOSEPH NEEDHAM	H. UREY
L. C. DUNN	J. VON NEUMANN	M. S. VALLARTA
ALBERT EINSTEIN	OTTO NEURATH	PAUL WEISS
R. A. FISHER	F. S. C. NORTHROP	GERALD WENDT
J. B. S. HALDANE	H. A. OVERSTREET	HERMANN WEYL
R. G. HARRISON	M. POLANYI	A. N. WHITEHEAD
H. HENCKY	G. Y. RAINICH	N. WIENER
H. S. JENNINGS	N. RASHEVSKY	SEWALL WRIGHT
K. KOFFKA	H. REICHENBACH	F. ZWICKY
	O. L. REISER	

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. 4

July, 1937

NO. 3



CONTENTS

Causality and Complementarity. Niels Bohr - -	289
The New Logic. Karl Menger - - - - -	299
Critical Points in Modern Physical Theory.	
Henry Margenau - - - - -	337
Objectivity in the Social Sciences. Eleanor	
Bisbee - - - - -	371
Discussion (Correspondence) - - - - -	383
Reviews and Notes - - - - -	385

Copyright 1937, The Williams & Wilkins Company

PHILOSOPHY OF SCIENCE

ORGAN OF THE PHILOSOPHY OF SCIENCE ASSOCIATION

The Editorial Board

WILLIAM MARIAS MALISOFF, *Editor*
New York, N. Y.

ERIC TEMPLE BELL

K. S. LASHLEY

ALBERT E. BLUMBERG

HENRY MARGENAU

RUDOLF CARNAP

H. J. MULLER

MORRIS RAPHAEL COHEN

L. SUSAN STEBBING

W. W. COOK

DIRK J. STRUIK

HERBERT FEIGL

ALEXANDER WEINSTEIN

The Advisory Board

EDGAR ALtenburg

K. LANDSTEINER

A. E. RUARK

G. D. BIRKHOFF

I. LANGMUIR

GEORGE SARTON

MARCEL BOLL

RALPH LILLIE

C. E. SEASHORE

P. W. BRIDGMAN

A. O. LOVEJOY

H. SHAPLEY

K. T. COMPTON

W. MAYER

E. A. SINGER, JR.

E. U. CONDON

W. P. MONTAGUE

HENRY B. SMITH

W. J. CROZIER

T. H. MORGAN

W. F. G. SWANN

JOHN DEWEY

CHAS. W. MORRIS

R. C. TOLMAN

F. G. DONNAN

JOSEPH NEEDHAM

H. UREY

L. C. DUNN

J. VON NEUMANN

M. S. VALLARTA

ALBERT EINSTEIN

F. S. C. NORTHROP

PAUL WEISS

R. A. FISHER

H. A. OVERSTREET

GERALD WENDT

J. B. S. HALDANE

M. POLANYI

HERMANN WEYL

R. G. HARRISON

G. Y. RAINICH

A. N. WHITEHEAD

H. HENCKY

N. RASHEVSKY

N. WIENER

H. S. JENNINGS

H. REICHENBACH

E. WIGNER

K. KOFFKA

O. L. REISER

SEWALL WRIGHT

W. KÖHLER

O. K. RICE

F. ZWICKY