Philosophy of Science

Volume 23 1956

Reprinted with the permission of the original publisher by Periodicals Service Company Hudson, NY 2021

Printed on acid-free paper.

This reprint was reproduced from the best original edition copy available.

NOTE TO THE REPRINT EDITION: In some cases full page advertisements which do not add to the scholarly value of this volume have been omitted. As a result, some reprinted volumes may have irregular pagination.

Philosophy of Science

VOLUME XXIII



BALTIMORE, MARYLAND 1956





VOLUME 23, NUMBER I

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

Copyright 1955, The Williams & Wilkins Company

January, 1956

PHILOSOPHY OF SCIENCE

ORGAN OF THE PHILOSOPHY OF SCIENCE ASSOCIATION

CO-SPONSORED BY THE INSTITUTE FOR THE UNITY OF SCIENCE AND BY SECTION L OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

EDITORS

C. WEST CHURCHMAN, Case Institute of Technology, Cleveland 6, Ohio, Editor in Chief GUSTAV BERGMANN, Department of Philosophy, Iowa State University, Iowa City, Towa

- ARTHUR BURKS, Department of Philosophy, University of Michigan, Ann Arbor, Michigan
- HENRY MARGENAU, Department of Philosophy, Yale University, New Haven, Connecticut

ERNEST NAGEL, Department of Philosophy, Columbia University, New York, New Vork

CHESTER T. RUDDICK, Lake Erie College, Painesville, Ohio

BOOK REVIEWS:

J. S. MINAS, Ohio State University, Columbus, Ohio

GOVERNING BOARD OF THE ASSOCIATION:

HENRY MARGENAU, President (term expires Jan. 1, 1958) LEWIS ZERBY, Secretary-Treasurer (1961)

GUSTAV BERGMANN (1956) F. S. C. NORTHROP (1956) C. West Churchman (1958) SEBASTIAN B. LITTAUER (1956) ARTHUR BURKS (1958)

PHILLIP FRANK (1958)

ERNEST NAGEL (1958)

EDITORIAL CONSULTANTS:

ERIC T. BELL	C. J. Du	CASSE	I. LANGMUIR
A. C. Benjamin	HERBERT FEIGL		CHARLES W. MORRIS
L. von Bertalanffy	R. A. FISHER		Oliver L. Reiser
NIELS BOHR	R. W. GERARD		D. Runes
Rudolf Carnap	J. B. S. HALDANE		R. J. Seeger
W. J. Crozier	W. Kohler		M. S. VALLARTA
-	PAUL WEISS	F. Z. Zwicky	

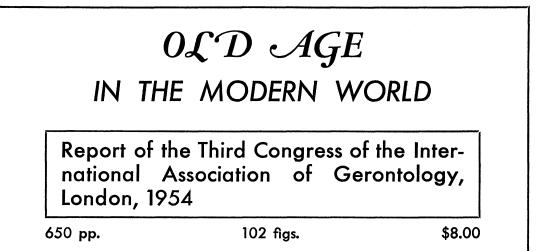
Sustaining Institutions: Case Institute of Technology and State University of Iowa Entered as second class matter November 25, 1953, at the Post Office, at Baltimore, Maryland, under the Act of March 3, 1879 Made in United States of America

Subscription price \$5.00 per Volume. Single numbers \$1.50

CONTENTS

Some Contributions of Economics to the General Theory of Value. Kenneth E. Boulding	I		
On Explanations in History. Arthur C. Danto	15		
Information, Logic, and Physics. Jerome Rothstein	31		
Maxwell on the Logic of Dynamical Explanation. Joseph Turner	36		
Basic Research and the Social System of Pure Science. Herbert A. Shepard			
A Definition of Degree of Confirmation for Very Rich Languages. Hilary Putnam	58		
The Perspective for Fundamental Research in An- thropology. Gene Weltfish	63		
News and Notices	74		

Copyright 1956, The Williams & Wilkins Company



"There is little doubt that [the] increasing emphasis on the older people in our community is becoming a permanent feature of our population struggle," commented the British Minister of Health at the opening of the Gerontological Congress. This book, a record of some of the congress proceedings, thoroughly surveys the steadily growing old-age problem.

> Only those papers which presented original material or authoritative reviews or opened up new avenues of thought were selected for the book. From the speech by an 80-year-old woman who approached gerontology from the aged's own viewpoint through the more technical papers the book is extremely interesting and informative.

CHAPTERS INCLUDE . . .

Age and Society

National Programs

Integration of Plans for the Care of

the Aged in Health and Infirmity
in the United Kingdom
Nutritional Aspects of Ageing
Tissue Changes

Cancer
Endocrinology

Experimental Studies of Changes in
Performance with Age

Employment of Older Workers Surveys • Clinical Problems Neuropsychiatry Cardiovascular Diseases Residential Care Community Activities Education for Later Maturity in the U. S. A. General Aspects of Ageing

THE WILLIAMS & WILKINS COMPANY

Mt. Royal and Guilford Avenues

Baltimore 2, Maryland