Philosophy of Science

Volume 41 1974

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

Official Journal of the Philosophy of Science Association



VOLUME 41, NUMBER 1

March, 1974

PHILOSOPHY OF SCIENCE JOURNAL OF THE PHILOSOPHY OF SCIENCE ASSOCIATION **EDITORIAL BOARD:**

- RICHARD S. RUDNER, Department of Philosophy, Washington University, St. Louis. Missouri 63130, Editor in Chief
- PETER ACHINSTEIN, Department of Philosophy, The Johns Hopkins University, Baltimore, Marvland 21218
- PETER D. ASOUITH, Department of Philosophy, Michigan State University, East Lansing, Michigan 48824, Managing Editor
- GUSTAV BERGMANN, Department of Philosophy, University of Iowa, Iowa City, Iowa 52240
- MAY BRODBECK, Department of Philosophy, University of Minnesota, Minneapolis, Minnesota 55455
- ARTHUR BURKS, Department of Philosophy, University of Michigan, Ann Arbor, Michigan 48104
- C. WEST CHURCHMAN, Graduate School of Business Administration, University of California, Berkeley, California 94720
- THEODOSIUS DOBZHANSKY, Department of Genetics, University of California, Davis, California 95616
- ADOLF GRÜNBAUM, Department of Philosophy, University of Pittsburgh, Pittsburgh, Pennsylvania 15260
- EDWARD MADDEN, Department of Philosophy, State University of New York, Buffalo, New York 14214
- HENRY MARGENAU, Department of Physics, Yale University, New Haven, Connecticut 06520
- GERALD J. MASSEY, Department of Philosophy, University of Pittsburgh, Pittsburgh, Pennsylvania 15260
- ALBERTO PASQUINELLI, Facoltà di Lettere e Filosofia, Università degli Studi di Bologna, University of Bologna, Bologna, Italy
- WESLEY C. SALMON, Department of Philosophy, University of Arizona, Tucson, Arizona 85721
- KENNETH F. SCHAFFNER, Department of History and Philosophy of Science, University of Pittsburgh, Pittsburgh, Pennsylvania 15260
- DUDLEY SHAPERE, Department of Philosophy, University of Illinois at Urbana, Urbana, Illinois 61801
- J.J.C. SMART, Department of Philosophy, La Trobe University, Bundoora, Australia

MELFORD E. SPIRO, Department of Anthropology, The University of California at San Diego, La Jolla, California 92037

- PATRICK C. SUPPES, Department of Philosophy, Stanford University, Stanford, California 94305
- LEWIS K. ZERBY, Department of Philosophy, Michigan State University, East Lansing, Michigan 48824

BOOK REVIEWS:

James Van Evra, Department of Philosophy, University of Waterloo, Waterloo, Ontario, Canada

ASSISTANT EDITORS:

Patricia Ann Fleming and Paul C. L. Tang, Department of Philosophy, Washington University, St. Louis, Missouri 63130

GOVERNING BOARD OF THE ASSOCIATION:

Israel Scheffler, President (1975)

Robert Cohen, Vice-President (1976)

Peter D. Asquith, Secretary-Treasurer (1975) Mario A. Bunge (1974) Brian Ellis (1976) Adolf Grünbaum (Past Pres.) Ian Hacking (1974)

Richard S. Rudner Wesley C. Salmon (Past Pres.) Michael J. Scriven (1975) Wolfgang Stegmüller (1976)

Ernest Nagel (Past Pres.) Patrick C. Suppes (1975)

MADE AND PRINTED IN GREAT BRITAIN BY WILLIAM CLOWES & SONS, LIMITED, LONDON, BECCLES AND COLCHESTER

PHILOSOPHY OF SCIENCE is published quarterly by the Philosophy of Science Association, 18 Morrill Hall, Department of Philosophy, Michigan State University, East Lansing, Michigan 48824. Subscription price \$15.00 U.S.A. (\$16.00 non-U.S.A.) per Volume. Single numbers \$5.00. Membership dues, which include subscription, \$10.00. Subscription inquiries should be directed to the Managing Editor. Second-class postage paid at East Lansing, Michigan and at https://doi.org/10.1086additional mail mg offices ine @ Cloptudby Uther Philosophy of Science Association.

CONTENTS*

THE LOGICO-LINGUISTIC MIND-BRAIN PROBLEM AND A PRO- POSED STEP TOWARDS ITS SOLUTION, HERBERT G. BOHNERT	1
AN ATTEMPT TO ADD A LITTLE DIRECTION TO "THE PROBLEM OF THE DIRECTION OF TIME," JOHN EARMAN	15
A PRAGMATIC ANALYSIS OF IDEALIZATIONS IN PHYSICS, WILLIAM F. BARR	48
TOWARD A THEORY OF EVENT IDENTITY, A. J. STENNER	65
DISCUSSION: SPIELMAN AND LEWIS ON INDUCTIVE IMMO- DESTY, DAVID LEWIS	84
DISCUSSION: MODELS, THEORIES, AND KANT, A. V. BUSHKOVITCH	86
BOOK REVIEWS Science, Technology and Society in Seventeenth-Century England, Robert K. Merton; William R. Shea—An Introduction to the Philosophy of Time and Space, Bas C. Van Fraassen; Gerald J. Massey—Man and Nature, Ronald J. Munson (ed.); Jill Humphries—Leibniz's Philosophy of Logic and Language, Hidé Ishiguro; E. J. Ashworth—Mental Images: A Defence, Alastair Hannay; John M. Moreland—Reason and Prediction, Simon Blackburn; Charles G. Morgan.	89
MEMBERSHIP LIST	101

* The contents of Philosophy of Science are indexed in Science Citation Index, ABC Pol Sci, Language and Language Behavior Abstracts, and The Philosopher's Index.