The Philosophical Forum

Volume IV, No. 1 Devoted to Islamic Philosophy

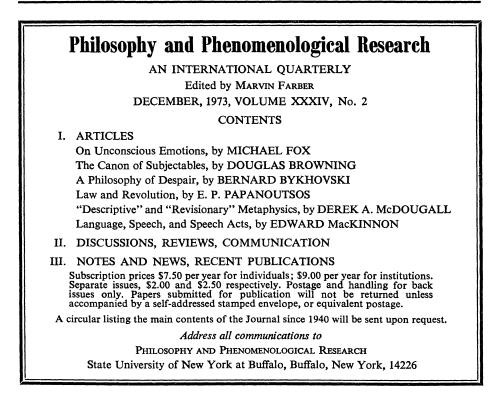
Alfarabi on Philosophy and Religion	MUSHIN MAHDI
Râzî's Psychology	LENN EVAN GOODMAN
Ibn Sinā's Concept of the Self	PARVIZ MOREWEDGE
Ibn Sinā on Necessary and Possible Existence	GEORGE F. HOURANI
Towards a Unified View of Averroes' Philosophy	ALFRED L. IVRY
For the Concept of Irano-Islamic Philosophy	
Creation and the Timeless Order of Things: A Study in the Mystical Philosophy of 'Ayn al-Qudât	TOSHIHIKU IZUTSU
Mullā Sadrā's Theory of Knowledge	FAZLUR RAHMAN
Mullā Sadrā and the Doctrine of the Unity of Being	SEYYED HOSSEIN NASR
Volume III, Nos. 3-4	
Devoted to Georg Lukács	

Containing two articles by Georg Lukács previous unpublished in English entitled "On the Phenomenology of the Creative Process," and "On Poverty of Spirit: A Conversation and a Letter," as well as major articles by Ernst Fischer, Adam Schaff, Andrew Arato, Paul Breines, Andrew Feenberg, Willis Truitt, and Lee Baxandall.

\$15,00 a year for institutional subscribers; \$10.00 a year for individual subscribers; \$6.00 a year for student subscribers; \$3.50 for Special Lukács Issue; \$2.75 for single issues, payable to The Philosophical Forum

Department of Philosophy

BOSTON UNIVERSITY, 232 Bay State Road, Boston, Massachusetts 02215



BIBLIOGRAPHY OF PHILOSOPHY

A QUARTERLY BULLETIN

Published under the auspices of the International Institute of Philosophy and with the aid of UNESCO

The BIBLIOGRAPHY OF PHILOSOPHY has been published since 1937 by the International Institute of Philosophy, with the support of Unesco and the C.N.R.S. (the French National Centre of Scientific Research). It is a quarterly which provides abstracts of recent books on philosophy. With the help of national bibliographical centres formed for this purpose, it covers publications in all countries of the world.

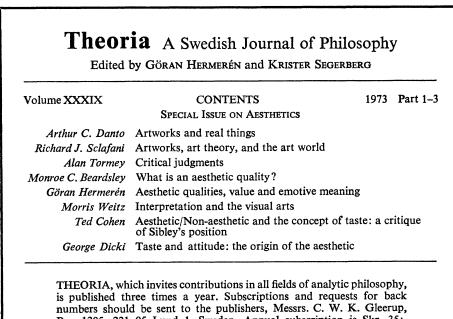
The bibliography is compiled by specialists in each field and gives information on all important publications in General Philosophy, Metaphysics, Logic, Epistemology and Philosophy of Science, Psychology, Ethics, Aesthetics, Social Philosophy, Philosophy of Law, of History, of Education and of Religion, in the History of Philosophy, and so forth.

The indices at the end of each volume constitute an invaluable pool for teachers, research workers, librarians and students. They are indispensable in any library.

Each National Center is autonomous in preparing bibliographical data and abstracts. Publishers and/or Authors are requested to send review copies of newly published books to their respective "National Center" (for U.S.A. to: Prof. Richard H. Lineback, Bowling Green University, Bowling Green, Ohio, 43403).

Subscriptions: 80 French Francs; 20.00 US dollars. Single copy: 20 French Francs; 5.20 US dollars. Cheques to be made payable to LIBRAIRIE J. VRIN, PARIS. payments from abroad to be sent to the BANQUE NATIONALE DE PARIS, Agence Sorbonne. Account number: 270.061 E.

You can also forward your order and effect payment through your usual Subscription Agency.



Box 1205, 221 05 Lund 1, Sweden. Annual subscription is Skr. 35:-(approx. \$7 US).

ISSN 0040-5825

SYNTHESE

An International Journal for Epistemology, Methodology and Philosophy of Science

Editor: JAAKKO HINTIKKA, Academy of Finland and Stanford University Review Editor: Dagfinn Føllesdal, University of Oslo

Associate Editor: Ilkka Niiniluoto, Institute of Philosophy, Helsinki Editorial Assistant: Juha Manninen, Institute of Philosophy, Helsinki

Contents of Volume 26, No. 2 - December 1973

Jan Srzednicki/Statistical Indeterminism and Scientific Explanation — Frank Jackson and Robert Pargetter/Indefinite Probability Statements — Paul Teller/ Conditionalization and Observation — Halina Mortimer/A Rule of Acceptance Based on Logical Probability — Soshichi Uchii/Inductive Logic with Casual Modalities: A Deterministic Approach — R. D. Rosenkrantz/The Significance Test Controversy — Seppo Mustonen/A Note on Dean Jaminson's Paper 'Bayesian Information Usage'.

Reviews: Robert Borger and Frank Cioffi (eds.), Explanation in the Behavioral Sciences (MICHAEL MARTIN)—John D. Goheen and John L. Mothershead, Jr. (eds.), Collected Papers of Clarence Irving Lewis (ROBERT C. COBURN)—Books Received—Journals Received

Subscription price per volume of four issues Dfl. 100,- (US \$32.50) including postage. About six issues are published yearly. Personal subscription price on request.

> D. REIDEL PUBLISHING COMPANY Dordrecht - Holland / Boston - U.S.A.

Journal of Philosophical Logic

Editor-in-Chief: Bas C. Van Fraassen, University of Toronto, Toronto, Ont., Canada.

Editorial Board: A. R. Anderson, Pittsburgh, Pa.; L. Aqvist, Uppsala; N. D. Belnap, Jr., Pittsburgh, Pa.; M. J. Cresswell, Wellington; J. E. Fenstad, Oslo; F. Fitch, New Haven, Conn.; D. Føllesdal, Oslo; P. T. Geach, Leeds; C. Hamblin, Kensington, N.S.W.; H. G. Herzberger, Toronto; J. Hintikka, Helsinki; W. Hodges, London; S. Kanger, Uppsala; D. Kaplan, Los Angeles, Calif.; S. Kripke, New York, N.Y.; K. Lambert, Irvine, Calif.; R. B. Marcus, Evanston, Ill.; G. J. Massey, Pittsburgh, Pa.; D. Prawitz, Stockholm; N. Rescher, Pittsburgh, Pa.; A. Robinson, New Haven, Conn.; W. C. Salmon, Tucson, Ariz; D. Scott, Oxford; K. Segerberg, Åbo; P. F. Strawson, Oxford; P. Suppes, Stanford, Calif.; R. H. Thomason, Pittsburgh, Pa.; G. H. von Wright, Helsinki.

Contents of Volume 2, No. 3 – July 1973 John Bacan / The Semantics of Generic The – Dov. M. Gabbay / Applications of Scott's Notion of Consequence to the Study of General Binary Intensional Connectives and Entailment. – Kuno Lorenz / Rules Versus Theorems. A New Approach for Mediation Between Intuitionistic and Two-Valued Logic. – John F. Post / Shades of the Liar. – Pavel Tichy / On De Dicto Modalities in Quantified S5. – R. S. Woodhouse / Tensed Modalities. – Announcements.

Subscription price per volume of four issues (approx. 500 pages) Dfl. 100,-(US \$35.70), including postage. One volume is published yearly. Personal subscription price on request.



D. Reidel Publishing Company Dordrecht - Holland / Boston - U.S.A.

INTERNATIONAL LOGIC REVIEW RASSEGNA INTERNAZIONALE DI LOGICA

Edited by FRANCO SPISANI III.6.1972

CONTENTS

F. Spisani R. Fedi P. B. Scheurer A. Dumitriu D. H. Harwari	Outline of Productive Logic Numerical Formulation Logique Fermionique et Logique Bosonique Completeness and Quantification Wittgenstein and the Character of Mathematical Propositions
Discussions:	
J. E. Wiredu	Material Implication and "If Then"
P. FOULKES	Syntopic and Syndetic "And"
I. Moraru	Contributions Théoriques au Fondement de l'Introspection en tant que Méthode Psychologique de Recherche
Books and Rev	iews

Articles, Books, Reviews, Correspondence should be sent to Editor, Prof. F. Spisani, Via Belmeloro 3 – 40126 Bologna – Italy Annual Subscription: Lit. 3.000; £2; Fr. 26.54; \$5.50 (only by international postal order).

THE SOUTHERN JOURNAL OF PHILOSOPHY Volume XI, Fall 1973, No. 3

Articles:

Multi-Spatial Myths: Kant and the Dreamer	
On Comprehending Free Will	
Heidegger and Transcendental Phenomenology Fred Kersten	
Drawing Dichotomies via Formal Languages	
Sellars' Kantian Perspective on the Compatibility of	
Freedom and Determinism	
Incorrigibilist Dilemmas	
Wilderness, Its Meaning and Value Allan Shields	
Discussion:	
Self and Others: A Reply to Ramon Lemos,	
"Egoism and Non-Egoism in Ethics"Robert Ginsberg	
Review:	
Being and Its Discipline: A Review of Edward G. Ballard,	
Philosophy at the Crossroads Bernard P. Dauenhauer	
THE SOUTHERN JOURNAL OF PHILOSOPHY is published quarterly by	
The Department of Philosophy, Memphis State University, Memphis, TN 38152	
Editors: William B. Barton, Jr. and Carroll R. Bowman	
Annual subscription: Individuals, \$8.00; Institutions, \$12.00; Students, \$4.00	
Prices for single copies available on request.	
· · ·	

philosophical studies

An International Journal for Philosophy in the Analytic Tradition

Editor: Wilfrid Sellars, University of Pittsburgh, U.S.A.

Board of Consulting Editors: David Braybroke, Dalhousie University, Canada; May Brodbeck, University of Minnesota, U.S.A.; L. J. Cohen, Queens College, Oxford, England; James Cornman, University of Pennsylvania, U.S.A.; Alan Donagan, University of Chicago, U.S.A.; Herbert Feigl, University of Chicago, U.S.A.; Rudolf Haller, The University of Graz, Austria; Mary Hesse, University of Cambridge, England; Risto Hilpinen, University of Turku, Finland; John Hospers, University of Southern California, U.S.A.; Keith Lehrer, University of Rochester, U.S.A.; R. M. Martin, New York University, U.S.A.; Günther Patzig, The University of Göttingen, West Germany; A. M. Quinton, New College, Oxford, England; Judith Thomson, Massachusetts Institute of Technology, U.S.A.

Contents of Vol. 25, No. 1, January 1974 Theodore Benoitt / Happiness. – Paul Horwich / On Calculating the Utility of Acts. – Eric Bush / Rorty Revisited. – Thomas J. Steel / A Puzzle About Knowing How. – Kai Nielsen / Covert and Overt Synonymity : Brandt and Moore and the 'Naturalistic Fallacy'. – Thomas D. Paxson, Jr. / Prof. Swain's Account of Knowledge. – Cornelis Kampe / Mind-Body Identity : A Question of Intelligibility. – Dale V. Gottlieb and Lawrence H. Davis / Extensionality and Singular Causal Sentences. – Edwards S. Shirley / Rorty's 'Disappearance' Version of the Identity Theory

Subscription price per volume of six issues Dfl. 95,- (US \$30.88) including postage. Nine issues will be published yearly. Personal subscription price on request.



D. Reidel Publishing Company

The British Journal for the Philosophy of Science

Volume 23, Number 4, November 1972 Articles M. BAR-HILLEL and A. MARGALIT Newcomb's Paradox Revisited. v. J. F. PRATT Biological Classification. Discussions G. BARNARD Two Points in the Theory of Statistical Inference. T. SETTEL Propensity Theories of Probability Unscathed: A Reply to White. J. DE MARE A Comment on Gillies' Falsifying Rule for Probability Statements. D. A. GILLIES Reply to De Mare. D. A. EVANS and R. T. LANDSBERG Free Will in a Mechanistic Universe? An Extension. I. MCDERMOTT I'M Free Because I Know That I Don't Yet Know What I'm Going To Do? Review—Articles N. ROLL-HANSEN Louis Pasteur-A Case Against Reductionist Historiography (Review of R. Dubos Louis Pasteur, Free Lance of Science and F. Dagognet Méthodes et Doctrines dans l'Oeuvre de Pasteur). Reviews J. C. GRAVES ON R. S. Cohen and M. W. Wartofsky (eds.): Boston Studies in the Philosophy of Science, 5, Proceedings of the Boston Colloquium for the Philosophy of Science 1966-1968; J. L. BELL ON S. W. P. Steen Mathematical Logic: with Special Reference to the Natural Numbers; H. SKOLIMOWSKI ON S. KÖrner What is Philosophy? **Recent Publications** Programme of Meetings Single issues £1.50 net in U.K. (\$4.75 in U.S.A.) Subscription price £4.50 net in U.K. (\$14.00 in U.S.A.) AMBRIDGE UNIVERSITY PRESS Bentley House, 200 Euston Road, London NW1 2DB

American Branch: 32 East 57th Street, New York, N.Y. 10022

PHILOSOPHY OF SCIENCE

Typescript. Typescript, double-spaced, may be submitted (in duplicate) to any member of the Editorial Board. Postage for return of the typescript should be included. A bibliographical list of cited references should be headed 'References', placed on a separate sheet, in alphabetical order, and numbered. Simple citations should then be made by employing in the text, rather than by footnote, the appropriate numerical reference to this list. Discursive footnotes should be numbered consecutively throughout the typescript. Typescript should not exceed thirty double-spaced pages. A summary abstract of approximately 100 words should accompany each article. All formulas and equations should be put in such a form as to help minimize the number of printed lines in the journal. In the following examples the form on the right is preferable to that on the left:

(1)
$$p = -\frac{dx}{dy} = -\frac{dz}{dt}$$
 $p = -dx/dy = -dz/dt$
(2) $\lim_{n \to \infty} \frac{1}{n}$ $\lim_{n \to \infty} \frac{1}{n}$
(3) $F_n = \sum_{v=1}^n f(Sn)$ $F_n = \sum_{v=1}^n f(Sn)$
(4) $\frac{1}{x} \prod_{n=1}^{\infty} \frac{\left(1 + \frac{1}{v}\right)^n}{1 + \frac{x}{v}}$ $1/x \prod_{n=1}^{\infty} (1 + 1/v)^n/1 + x/v$

Reprints. Contributors of articles to this journal will receive, gratis, 50 reprints. Authors desiring additional reprints may order them by sending in, with their corrected galleys, the special order forms which they will find enclosed with their galleys.

Reviews. Publications intended for review should be sent to Dr. JAMES VAN EVRA, Department of Philosophy, University of Waterloo, Waterloo, Ontario, Canada.

Philosophy of Science is published quarterly; issues are dated March, June, September and December of each year. Correspondence concerning business matters should be addressed to Peter D. Asquith, Managing Editor, Department of Philosophy, Michigan State University, East Lansing, Michigan 48824.

Membership and Subscriptions. Membership in the Philosophy of Science Association may be applied for by writing to the Secretary-Treasurer of the Association. Membership dues are \$10.00 a year and include subscription to the journal. Subscription price for non-members is \$15.00 U.S.A. (\$16.00 non-U.S.A.) per volume. New subscriptions and renewals are entered to begin with the first issue of the current volume. Should any issue of the current volume be out of print at the time the subscription order is received, the pro-rata value will be refunded to the subscriber. Duplicate copies may be obtained (if available) from the Managing Editor at the regular price of single issues (\$5.00). Subscriptions at reduced rates are available to qualified students; inquire of the Managing Editor.

Published Quarterly By THE PHILOSOPHY OF SCIENCE ASSOCIATION 18 Morrill Hall, Michigan State University East Lansing, Michigan 48824