

# SYNTHESE LIBRARY

Monographs on Epistemology, Logic, Methodology,  
Philosophy of Science, Sociology of Science and of Knowledge, and on the  
Mathematical Methods of Social and Behavioral Sciences

*Editors:*

DONALD DAVIDSON (Rockefeller University and Princeton University)  
JAAKKO HINTIKKA (Academy of Finland and Stanford University)  
GABRIËL NUHÉLMANS (University of Leyden)  
WESLEY C. SALMON (Indiana University)

- ‡CARL R. KORDIG, *The Justification of Scientific Change*. 1971, XII + 119 pp. Dfl. 33,—  
‡YEHOOSHUA BAR-HILLEL, *Pragmatics of Natural Languages*. 1971, VII + 231 pp.  
Dfl. 50,—  
‡STEPHEN TOULMIN and HARRY WOOLF (eds.), *Norwood Russell Hanson: What I do not Believe, and other Essays*. 1971, XII + 390 pp.  
Dfl. 90,—  
‡MILÍČ ČAPEK, *Bergson and Modern Physics. A Re-interpretation and Re-evaluation. Boston Studies in the Philosophy of Science*. Volume VII (ed. by ROBERT S. COHEN and MARX W. WARTOFSKY). 1971, XV + 414 pp.  
Dfl. 70,—  
‡JOSEPH D. SNEED, *The Logical Structure of Mathematical Physics*. 1971, XV + 311 pp.  
Dfl. 70,—  
‡JEAN-LOUIS KRIVINE, *Introduction to Axiomatic Set Theory*. 1971, VII + 98 pp.  
Dfl. 28,—  
‡RISTO HILPINEN (ed.), *Deontic Logic: Introductory and Systematic Readings*. 1971, VII + 182 pp.  
Dfl. 45,—  
‡EVERT W. BETH, *Aspect of Modern Logic*. 1970, XI + 176 pp.  
Dfl. 42,—  
‡PAUL WEINGARTNER and GERHARD ZECHA, (eds.), *Induction, Physics, and Ethics. Proceedings and Discussions of the 1968 Salzburg Colloquium in the Philosophy of Science*. 1970, X + 382 pp.  
Dfl. 65,—  
‡ROLF A. EBERLE, *Nominalistic System*. 1970, IX + 217 pp.  
Dfl. 42,—  
‡JAAKKO HINTIKKA and PATRICK SUPPES, *Information and Inference*. 1970, X + 336 pp.  
Dfl. 60,—  
‡KAREL LAMBERT, *Philosophical Problems in Logic. Some Recent Developments*. 1970, VII + 176 pp.  
Dfl. 38,—  
‡P. V. TAVANEC (ed.), *Problems of the Logic of Scientific Knowledge*. 1969, XII + 429 pp.  
Dfl. 95,—  
‡ROBERT S. COHEN and RAYMOND J. SEEGER (eds.), *Boston Studies in the Philosophy of Science*. Volume VI: *Ernst Mach: Physicist and Philosopher*. 1970, VIII + 295 pp.  
Dfl. 38,—  
‡MARSHALL SWAIN (ed.), *Induction, Acceptance, and Rational Belief*. 1970, VII + 232 pp.  
Dfl. 40,—  
‡NICHOLAS RESCHER et al. (eds.), *Essays in Honor of Carl G. Hempel. A Tribute on the Occasion of his Sixty-Fifth Birthday*. 1969, VII + 272 pp.  
Dfl. 50,—

- ‡PATRICK SUPPES, *Studies in the Methodology and Foundations of Science. Selected Papers from 1951 to 1969*. 1969, XII + 473 pp. Dfl. 72,—
- ‡JAAKKO HINTIKKA, *Models for Modalities. Selected Essays*. 1969, IX + 220 pp. Dfl. 34,—
- ‡D. DAVIDSON and J. HINTIKKA (eds.), *Words and Objections: Essays on the Work of W. V. Quine*. 1969, VIII + 366 pp. Dfl. 48,—
- ‡J. W. DAVIS, D. J. HOCKNEY and W. K. WILSON (eds.), *Philosophical Logic*. 1969, VIII + 277 pp. Dfl. 45,—
- ‡ROBERT S. COHEN and MARX W. WARTOFSKY (eds.), *Boston Studies in the Philosophy of Science. Volume V: Proceedings of the Boston Colloquium for the Philosophy of Science 1966/1968*. 1969, VIII + 482 pp. Dfl. 60,—
- ‡ROBERT S. COHEN and MARX W. WARTOFSKY (eds.), *Boston Studies in the Philosophy of Science. Volume IV: Proceedings of the Boston Colloquium for the Philosophy of Science 1966/1968*. 1969, VIII + 537 pp. Dfl. 72,—
- ‡NICHOLAS RESCHER, *Topics in Philosophical Logic*. 1968, XIV + 347 pp. Dfl. 70,—
- ‡GÜNTHER PATZIG, *Aristotle's Theory of the Syllogism. A Logical-Philological Study of Book A of the Prior Analytics*. 1968, XVII + 215 pp. Dfl. 48,—
- ‡C. D. BROAD, *Induction, Probability, and Causation. Selected Papers*. 1968, XI + 296 pp. Dfl. 54,—
- ‡ROBERT S. COHEN and MARX W. WARTOFSKY (eds.), *Boston Studies in the Philosophy of Science. Volume III: Proceedings of the Boston Colloquium for the Philosophy of Science 1964/1966*. 1967, XLIX + 489 pp. Dfl. 70,—
- ‡GUIDO KÜNG, *Ontology and the Logistic Analysis of Language. An Enquiry into the Contemporary Views on Universals*. 1967, XI + 210 pp. Dfl. 41,—
- \*EVERT W. BETH and JEAN PIAGET, *Mathematical Epistemology and Psychology*. 1966, XXII + 326 pp. Dfl. 63,—
- \*EVERT W. BETH, *Mathematical Thought. An Introduction to the Philosophy of Mathematics*. 1965, XII + 208 pp. Dfl. 37,—
- ‡PAUL LORENZEN, *Formal Logic*. 1965, VIII + 123 pp. Dfl. 26,—
- ‡GEORGES GURVITCH, *The Spectrum of Social Time*. 1964, XXVI + 152 pp. Dfl. 25,—
- ‡A. A. ZINOV'EV, *Philosophical Problems of Many-Valued Logic*. 1963, XIV + 155 pp. Dfl. 32,—
- ‡MARX W. WARTOFSKY (ed.), *Boston Studies in the Philosophy of Science. Volume I: Proceedings of the Boston Colloquium for the Philosophy of Science, 1961–1962*. 1963, VIII + 212 pp. Dfl. 26,50
- ‡B. H. KAZEMIER and D. VUYSJE (eds.), *Logic and Language. Studies dedicated to Professor Rudolf Carnap on the Occasion of his Seventieth Birthday*. 1962, VI + 246 pp. Dfl. 35,—
- \*EVERT W. BETH, *Formal Methods. An Introduction to Symbolic Logic and to the Study of Effective Operations in Arithmetic and Logic*. 1962, XIV + 170 pp. Dfl. 35,—
- \*HANS FREUDENTHAL (ed.), *The Concept and the Role of the Model in Mathematics and Natural and Social Sciences. Proceedings of a Colloquium held at Utrecht, The Netherlands, January 1960*. 1961, VI + 194 pp. Dfl. 34,—
- ‡P. L. R. GUIRAUD, *Problèmes et méthodes de la statistique linguistique*. 1960, VI + 146 pp. Dfl. 28,—
- \*J. M. BOCHĘŃSKI, *A Precis of Mathematical Logic*. 1959, X + 100 pp. Dfl. 23,—

# SYNTHESE HISTORICAL LIBRARY

Texts and Studies  
in the History of Logic and Philosophy

*Editors:*

N. KRETMANN (Cornell University)  
G. NUCHELMANS (University of Leyden)  
L. M. DE RIJK (University of Leyden)

- ‡KARL WOLF and PAUL WEINGARTNER (eds.), *Ernst Mally: Logische Schriften*. 1971,  
X + 340 pp. Dfl. 80,—
- ‡LEROY E. LOEMKER (ed.), *Gottfried Wilhelm Leibniz: Philosophical Papers and Letters*.  
A Selection Translated and Edited, with an Introduction. 1969, XII + 736 pp.  
Dfl. 125,—
- ‡M. T. BEONIO-BROCCHIERI FUMAGALLI, *The Logic of Abelard*. Translated from the  
Italian. 1969, IX + 101 pp. Dfl. 27,—

Sole Distributors in the U.S.A. and Canada:

\*GORDON & BREACH, INC., 440 Park Avenue South, New York, N.Y. 10016  
‡HUMANITIES PRESS, INC., 303 Park Avenue South, New York, N.Y. 10010