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The Evolution of the Euclidean Elements

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by Wilbur Richard Knorr

Synthese Historical Library 15
1975, xi + 374 pp.
Cloth Dfl. 125,- / US \$49.00

Aristotle, Plato and the Presocratics perceived in the irrational a challenge to mathematicians and in the theory of irrationals a model of mathematical argumentation. The present work traces the development of that theory chronologically: from the initial Pythagorean discoveries, through the advances by Theodorus and Theaetetus at the time of Plato, to the formalization and completion of the theory, much in the form of Euclid's Book X, by geometers of the Academy in the mid-fourth century.

The Cultural Context of Medieval Learning

Proceedings of the First International Colloquium on Philosophy, Science, and Theology in the Middle Ages – September 1973

edited, with an introduction by
John Emery Murdoch and Edith Dudley Sylla

Synthese Library 76
Boston Studies in the Philosophy of Science XXVI
1975, x + 566 pp.
Cloth Dfl. 130,- / US \$49.00
Paper Dfl. 75,- / US \$28.00

The comparative historical sociology of science – for lack of an adequate and more economical name – is as many-sided as it is many-syllabled. The present volume exhibits the confluence not only of the historical and sociological contexts of science, but also of the concrete philosophical, theological, political, and legal contexts which investigation of a particular comparative case study requires. The choice of the particular period, its rationale, and the fruitfulness of the results, is well described in the Introduction by the editors, Professors Murdoch and Sylla.

The Concepts of Space and Time

Their Structure and Their Development

edited by Milič Čapek

Synthese Library 74
Boston Studies in the Philosophy of Science XXII
1976, lvi + 570 pp.
Cloth Dfl. 150,- / US \$58.00
Paper Dfl. 50,- / US \$19.50

The selections chosen provide the reader with a broad perspective of the development of the concepts of space and time from antiquity to the present. Emphasis is given to the logical structure of the concepts in each particular selection and how this structure varied from one author to another. Both these aspects, historical and logical, are made more explicit in the editor's extensive introduction.



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