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Sommario/riassunto

This volume brings together a number of leading scholars working in the field of ancient Greek mathematics to present their latest research. In their respective area of specialization, all contributors offer stimulating approaches to questions of historical and historiographical 'revolutions' and 'continuity'. Taken together, they provide a powerful lens for evaluating the applicability of Thomas Kuhn's ideas on 'scientific revolutions' to the discipline of ancient Greek mathematics. Besides the latest historiographical studies on 'geometrical algebra' and 'premodern algebra', the reader will find here some papers which offer new insights into the controversial relationship between Greek and pre-Hellenic mathematical practices. Some other contributions place emphasis on the other edge of the historical spectrum, by exploring historical lines of 'continuity' between ancient Greek, Byzantine and post-Hellenic mathematics. The terminology employed by Greek mathematicians, along with various non-textual and material elements, is another topic which some of the essays in the volume explore. Finally, the last three articles focus on a traditionally rich source on ancient Greek mathematics; namely the works of Plato and Aristotle.