

# The Forgotten Revolution

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## Reviews

*Great eBook and useful one. We have go through and i also am certain that i am going to likely to read through yet again once more in the foreseeable future. Your lifestyle period will likely be transform once you comprehensive looking over this book. (Carter Haag)* 

### THE FORGOTTEN REVOLUTION



Book Condition: New. Publisher/Verlag: Springer, Berlin | How Science Was Born in 300 BC and Why it Had to Be Reborn | The period from the late fourth to the late second century B. C. witnessed, in Greek-speaking countries, an explosion of objective knowledge about the external world. WhileGreek culture had reached great heights in art, literature and philosophyalreadyin the earlier classical era, it is in the so-called Hellenistic period that we see for the ?rst time - anywhere in the world - the appearance of science as we understand it now: not an accumulation of facts or philosophically based speculations, but an or-nized effort to model nature and apply such models, or scienti?ctheories in a sense we will make precise, to the solution of practical problems and to a growing understanding of nature. We owe this new approach to scientists such as Archimedes, Euclid, Eratosthenes and many others less familiar todaybut no less remarkable. Yet, not long after this golden period, much of this extraordinary dev- opment had been reversed. Rome borrowed what it was capable of from the Greeks and kept it for a little while yet, but created very little science of its own. Europe was soon smothered in theobscurantism and stasis that blocked most avenues of intellectual development for a thousand years - until, as is well known, the rediscovery of ancient culture in its fullness paved the way to the modern age. Introduction.- 1 The Birth of Science. The Erasure of the Scientific Revolution. On the Word 'Hellenistic' Science. Was There Science in Classical Greece? Origins of Hellenistic Science.- 2 Hellenistic Mathematics. Precursors of Mathematical Science.Euclid's Hypothetico-Deductive Method. Geometry and Computational Aids. Discrete Mathematics and the Notion of Infinity. Continuous Mathematics. Euclid and His Predecessors. An Application of the & apos; Method of Exhaustion& apos; Trigonometry...

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