

1. Record Nr.	UNINA9910137487303321
Titolo	A companion to science, technology, and medicine in ancient Greece and Rome . Volume 1 // edited by Georgia L. Irby
Pubbl/distr/stampa	Chichester, England : , : Wiley-Blackwell, , 2016 ©2016
ISBN	1-118-37303-0 1-78684-891-0 1-118-37301-4 1-118-37305-7 1-118-37304-9 1-118-37297-2
Descrizione fisica	1 online resource (1317 p.)
Collana	Blackwell Companions to the Ancient World THEi Wiley ebooks
Disciplina	509.38
Soggetti	Science, Ancient Science - Greece - History Science - Rome - History Technology - Greece - History Technology - Rome - History Medicine, Greek and Roman
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.
Nota di contenuto	Blackwell Companions to the Ancient World; Title Page; Copyright; Contributor Biographies; Abbreviations; Introduction; 1. "Science" in Antiquity; 2. A Very Brief History of the "History of Greco-Roman Science"; 3. The Wiley-Blackwell Companion to Greek and Roman Science, Medicine, and Technology; 4. Transliterations and Translations; 5. Acknowledgments; References; Part I: Physics and Cosmogony; Chapter 1: The Creation and Destruction of the World; 1. Introduction; 2. Myth and Hesiod; 3. The Milesians; 4. Heraclitus; 5. The Hippocratics; 6. Eleatics; 7. Empedocles; 8. Anaxagoras

9. Leucippus and Democritus 10. Plato; 11. Aristotle; 12. Epicurus and Lucretius; 13. Stoics; 14. Early Christians; 15. Conclusion; References; Further Reading; Notes; Chapter 2: Matter; 1. Introduction; 2. Matter in the Presocratics; 3. Socrates and Plato; 4. Aristotle; 5. Hellenistic Philosophy; 6. Neoplatonism; 7. Christian Thought; 8. Summary; References; Further Reading; Notes; Chapter 3: Motion and Energy; 1. Introduction; 2. Mathematical Mechanics up to Archimedes; 3. Philosophical Ideas about Motion; 4. Archimedes on Motion; 5. Mechanics in the Hellenistic Period; 6. Conclusion  
References Further Reading; Notes; Chapter 4: Nature and the Divine; 1. Introduction; 2. Myth and the Birth of "Gods and Earth"; 3. Presocratics; 4. Plato; 5. Stoics; 6. Aristotle; 7. Neoplatonists; 8. Conclusion; References; Further Reading; Notes; Part II: The Mathematical Sciences; Chapter 5: Mathematics; 1. Defining Ancient Greek Mathematics; 2. In Lieu of Historical Narrative: Questions of Chronology, Geography, Demography; 3. Themes of Greek Mathematics; References; Further Reading; Notes; Chapter 6: Astronomy; 1. Some Historiographical Issues; 2. Pre-Greek Astronomy  
3. Euctemon and Meton 4. Plato; 5. Eudoxus; 6. Callippus; 7. Aristotle; 8. Aristarchus; 9. Hipparchus; 10. Ptolemy; 11. Conclusion; References; Further Reading; Chapter 7: Astrology; 1. Astrology as the "Science of the Stars"; 2. Formation of Tradition: Mesopotamian Astrology; 3. Classical Astrology; 4. Astrology in the Roman Empire; References; Further Reading; Chapter 8: Ancient Optics: Theories and Problems of Vision; 1. Introduction; 2. Four Kinds of Visual Theory; 3. Theories of Color; 4. Perception of Size, Shape, Contour, and Distance; 5. The Science of Mirrors  
6. A Grand Synthesis: Ptolemy's Optics 7. Postscript; References; Further Reading; Chapter 9: Hydrostatics and Pneumatics in Antiquity; 1. Introduction; 2. Technology; Practical Knowledge in the Frame of Pneumatics; 3. Science; 4. Accumulation and Network; References; Further Reading; Notes; Chapter 10: The Science of Harmonics and Music Theory in Ancient Greece; 1. Introduction; 2. Organization of Musical Space; 3. Pythagoreans and Harmonikoi; 4. Aristoxenus; 5. The Euclidean Sectio Canonis; 6. Later Developments; References; Further Reading; Part III: Earth Sciences  
Chapter 11: Hydrology: Ocean, Rivers, and Other Waterways

---