

1. Record Nr.	UNINA9910460320703321
Autore	Van Helden Albert
Titolo	Measuring the Universe : Cosmic Dimensions from Aristarchus to Halley // Albert Van Helden
Pubbl/distr/stampa	Chicago : , : University of Chicago Press, , [2010] ©1986
ISBN	1-283-05865-0 9786613058652 0-226-84890-6
Descrizione fisica	1 online resource (213 p.)
Disciplina	523.1
Soggetti	Astronomy Astronomy -- History Cosmological distances History Astronomy - History Astronomy & Astrophysics Physical Sciences & Mathematics Astronomy - General Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Frontmatter -- Contents -- Acknowledgments -- 1. Shared Expectations -- 2. The Beginnings: Aristarchus and Hipparchus -- 3. Ptolemy -- 4. The Ptolemaic System Enshrined -- 5. Copernicus and Tycho -- 6. Young Kepler -- 7. Galileo and the Telescope -- 8. Kepler's Synthesis -- 9. Gassendi, Hortensius, and the Transit of Mercury of 1631 -- 10. From Horrocks to Riccioli -- 11. The Micrometer from Huygens to Flamsteed -- 12. Cassini, Flamsteed, and the New Measure -- 13. The New Consensus and Halley's Legacy -- 14. Conclusion: Measurement, Theory, and Speculation -- Notes -- Bibliography -- Index
Sommario/riassunto	Measuring the Universe is the first history of the evolution of cosmic

dimensions, from the work of Eratosthenes and Aristarchus in the third century B.C. to the efforts of Edmond Halley (1656-1742). "Van Helden's authoritative treatment is concise and informative; he refers to numerous sources of information, draws on the discoveries of modern scholarship, and presents the first book-length treatment of this exceedingly important branch of science."-Edward Harrison, American Journal of Physics "Van Helden writes well, with a flair for clear explanation. I warmly recommend this book."-Colin A. Ronan, Journal of the British Astronomical Association
