

1. Record Nr.	UNINA9910150451603321
Autore	Cunningham Clifford J
Titolo	Studies of Pallas in the Early Nineteenth Century [[electronic resource]] : Historical Studies in Asteroid Research // by Clifford J. Cunningham
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-32848-4
Edizione	[2nd ed. 2017.]
Descrizione fisica	1 online resource (XIII, 477 p. 326 illus., 137 illus. in color.)
Disciplina	520
Soggetti	Observations, Astronomical Astronomy—Observations History Planetology Space sciences Astronomy, Observations and Techniques History of Science Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 A Disturbing Inclination -- Chapter 2 The Great Probability Debate -- Chapter 3 The Gold Medal -- Chapter 4 The Gauss Anagram -- Chapter 5 Hypothetical Planets -- Chapter 6 New Planets: The Transition from 1745 to 1804 -- Chapter 7 The Olbers Letters -- Chapter 8 The Gauss Letters.-Chapter 9 The Harding Letters -- Chapter 10 Herschel's Asteroids -- Chapter 11 Scientific Papers -- Chapter 12 Gauss: The Great Asteroid Treatises -- Appendices.
Sommario/riassunto	Based on extensive primary sources, many never previously translated into English, this is the definitive account of the discovery of Pallas as it went from being classified as a new planet to reclassification as the second of a previously unknown group of celestial objects. Cunningham, a dedicated scholar of asteroids, includes a large set of newly translated correspondence as well as the many scientific papers about Pallas in addition to sections of Schroeter's 1805 book on the

subject. It was Olbers who discovered Pallas, in 1802, the second of many asteroids that would be officially identified as such. From the Gold Medal offered by the Paris Academy to solve the mystery of Pallas' gravitational perturbations to Gauss' Pallas Anagram, the asteroid remained a lingering mystery to leading thinkers of the time. Representing an intersection of science, mathematics, and philosophy, the puzzle of Pallas occupied the thoughts of an amazing panorama of intellectual giants in Europe in the early 1800s.
