Record Nr. UNINA9910464869403321 Autore Kragh Helge <1944-> **Titolo** Conceptions of cosmos [[electronic resource]]: from myths to the accelerating universe: a history of cosmology / / Helge S. Kragh Oxford: New York,: Oxford University Press, 2007 Pubbl/distr/stampa **ISBN** 0-19-966514-1 0-19-152616-9 1-4294-7052-6 1-280-75347-1 Descrizione fisica 1 online resource (285 p.) Disciplina 523,109 Soggetti Cosmology - History Electronic books. 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 (p. [253]-265) and index. Nota di contenuto Contents; Introduction; 1 From myths to the Copernican universe; 1.1 Ancient cosmological thought; 1.2 The Greek cosmos; 1.3 Medieval cosmology; 1.4 The Copernican revolution; 2 The Newtonian era; 2.1 Newton's infinite universe; 2.2 Enlightenment cosmologies; 2.3 Astrophysics and the nebulae; 2.4 Thermodynamics and gravitation; 2.5 The Via Lacta; 3 Foundations of modern cosmology; 3.1 Early relativistic models; 3.2 The expanding universe; 3.3 Towards a finiteage universe; 3.4 Alternative cosmologies; 4 The hot Big Bang; 4.1 Cosmology-a branch of nuclear physics? 4.2 The steady-state challenge4.3 Relativistic standard cosmology; 5 New horizons; 5.1 Early-universe cosmology; 5.2 Observational surprises; 5.3 Anthropic and other speculations; 5.4 The problem of creation; 5.5 Cosmology in perspective; References; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; X; Y; Z This book presents the history of how the universe at large became the Sommario/riassunto object of scientific understanding. Starting with the ancient creation myths, it offers an integrated and comprehensive account of cosmology that covers all major events from Aristotle's Earth-centred cosmos to

the recent discovery of the accelearting universe. - ;This book is a

historical account of how natural philosophers and scientists have endeavoured to understand the universe at large, first in a mythical and later in a scientific context. Starting with the creation stories of ancient Egypt and Mesopotamia, the book