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| Autore                  | Kragh Helge <1944->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Titolo                  | Conceptions of cosmos : from myths to the accelerating universe : a history of cosmology // Helge S. Kragh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pubbl/distr/stampa      | Oxford ; ; New York, : Oxford University Press, 2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Edizione                | [1st ed.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Descrizione fisica      | 276 p. : ill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Disciplina              | 523.109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Soggetti                | Cosmology - History                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Nota di bibliografia    | Includes bibliographical references (p. [253]-265) and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Nota di contenuto       | Intro -- 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 finite-age universe -- 3.4 Alternative cosmologies -- 4 The hot Big Bang -- 4.1 Cosmology-a branch of nuclear physics? -- 4.2 The steady-state challenge -- 4.3 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. |
| Sommario/riassunto      | This book presents the history of how the universe at large became the 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 accelerating universe.

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