Record Nr. UNINA9910451149203321 Autore **Brosch Noah** Titolo Sirius matters [[electronic resource] /] / Noah Brosch [Dordrecht;; New York],: Springer, c2008 Pubbl/distr/stampa **ISBN** 1-281-37814-3 9786611378141 1-4020-8319-X Edizione [1st ed. 2008.] Descrizione fisica 1 online resource (230 p.) Astrophysics and space science library;; 354 Collana Disciplina 523.841 Soggetti Stars Electronic books. Sirius Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Historical perspective -- Mysteries of the Sirius system -- Approaching modern times -- Modern optical measurements -- Modern non-optical observations -- The neighborhood of Sirius -- The perspective of stellar structure -- The perspective of stellar evolution -- Sirius revealed – a synthesis of the information. Sommario/riassunto Since very early times Sirius was a point of attraction in the night sky. It served to synchronize calendars in antiquity and was the subject of many myths and legends, including some modern ones. It was perceived as a red star for more than 400 years, but such reports were relegated to the Mediterranean region. Astronomically, Sirius is a very bright star. This, and its present close distance to us, argues in favor of it being the target of detailed studies of stellar structure and evolution. Its binary nature, with a companion that is one of the more massive white dwarfs, is an additional reason for such studies. This book

collects the published information on Sirius in an attempt to derive a

coherent picture of how this system came to look as it does.