

1. Record Nr.	UNINA9910784977003321
Autore	Brosch Noah
Titolo	Sirius matters [[electronic resource] /] / Noah Brosch
Pubbl/distr/stampa	[Dordrecht ; ; New York], : Springer, c2008
ISBN	1-281-37814-3 9786611378141 1-4020-8319-X
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (230 p.)
Collana	Astrophysics and space science library ; ; 354
Disciplina	523.841
Soggetti	Stars Sirius
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 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.