

1. Record Nr.	UNINA9910254579003321
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Titolo	Extrasolar Planets and Their Host Stars // by Kaspar von Braun, Tabetha Boyajian
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-61198-4
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (X, 78 p. 16 illus., 12 illus. in color.)
Collana	SpringerBriefs in Astronomy, , 2191-9100
Disciplina	523.24
Soggetti	Space sciences Planetology 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 at the end of each chapters and index.
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: The Determination of Stellar and Planetary Astrophysical Parameters -- Chapter 3: Results -- Chapter 4: Future Work -- Chapter 5: Summary and Conclusion -- References -- Index.
Sommario/riassunto	This book explores the relations between physical parameters of extrasolar planets and their respective parent stars. Planetary parameters are often directly dependent upon their stellar counterparts. In addition, the star is almost always the only visible component of the system and contains most of the system mass. Consequently, the parent star heavily influences every aspect of planetary physics and astrophysics. Drs. Kaspar von Braun and Tabetha Boyajian use direct methods to characterize exoplanet host starts that minimize the number of assumptions needed to be made in the process. The book provides a background on interferometric techniques for stellar diameter measurements, illustrates the authors' approach on using additional data to fully characterize the stars, provides a comprehensive update on the current state of the field, and examines in detail a number of historically significant and well-studied exoplanetary systems.

