



Publication Year	2016
Acceptance in OA	2020-07-22T08:10:44Z
Title	Methods of Detecting Exoplanets: 1st Advanced School on Exoplanetary Science
Authors	Bozza, Valerio, Mancini, Luigi, SOZZETTI, Alessandro
Publisher's version (DOI)	10.1007/978-3-319-27458-4
Handle	http://hdl.handle.net/20.500.12386/26562
Serie	ASTROPHYSICS AND SPACE SCIENCE LIBRARY
Volume	428

Astrophysics and Space Science Library 428

Valerio Bozza
Luigi Mancini
Alessandro Sozzetti
Editors

Methods of Detecting Exoplanets

1st Advanced School on
Exoplanetary Science

AS
SL

 Springer

Contents

Part I The Radial Velocity Method

- 1 The Radial Velocity Method for the Detection of Exoplanets 3
Artie P. Hatzes

Part II The Transit Method

- 2 Extrasolar Planetary Transits 89
Andrew Collier Cameron

Part III The Microlensing Method

- 3 Microlensing Planets 135
Andrew Gould

Part IV The Direct Imaging Method

- 4 Direct Imaging of Faint Companions 183
Riccardo Claudi