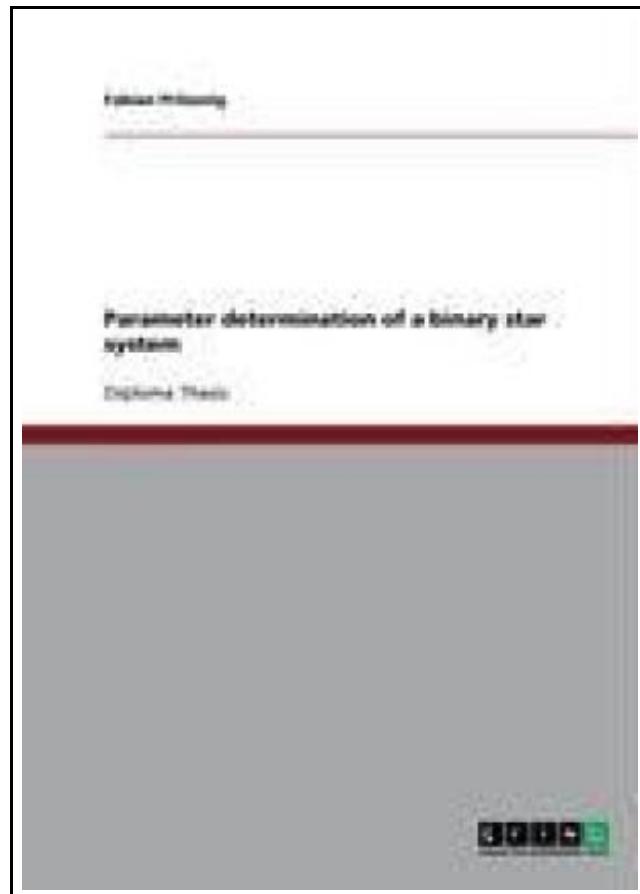


Parameter determination of a binary star system



Filesize: 7.92 MB

Reviews

This composed book is excellent. This really is for all who statte that there had not been a worth reading through. Your life period will probably be change as soon as you total looking over this ebook.

(Cheyanne Barrows)

PARAMETER DETERMINATION OF A BINARY STAR SYSTEM

[DOWNLOAD](#)

GRIN Verlag Mrz 2008, 2008. Taschenbuch. Book Condition: Neu. 211x146x7 mm. This item is printed on demand - Print on Demand Neuware - Diploma Thesis from the year 2001 in the subject Astronomy, grade: 1,0, Technical University of Graz, 15 entries in the bibliography, language: English, abstract: The focus of this work about binary star systems is on model applications and selections of an algorithm to determine the parameters of individual binaries. It consists of four major parts: a general introduction to the theory of binary stars; introductory material about spectroscopy and photometry; a description of IRAF (Imaging Reduction and Analysis Facility) - this is a software program which allows the reduction and the analysis of gathered data of astronomical objects - and its application on parameter determination of the binary system UV Leonis. Last but not least follows the presentation of the spectroscopic and photometrical results of this binary star system. The spectroscopic and photometrical results confirm that the components of the binary star system UV Leonis are main-sequence stars having the same spectral type as the Sun. From the radial velocity curves we can conclude that both components must be nearly spherical due to the sinusoidal shape of their radial velocity curves. The characteristics of their B and V light curves tell us that the orbital inclination is a little bit smaller than 90° because of the V-shaped eclipses. Our results agree with the results from the literature, while masses were spectroscopically determined here for the first time. Our value of the distance to UV Leo is consistent with trigonometric parallax from the Hipparcos mission but our error bar is smaller. 76 pp. Englisch.

[Read Parameter determination of a binary star system Online](#)[Download PDF Parameter determination of a binary star system](#)

Other eBooks



Taken: Short Stories of Her First Time

Speedy Publishing LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm.

Language: English . Brand New Book ***** Print on Demand *****. Taken is the intimate and sensually heated account of two...

[Save Document »](#)



Hoops to Hippos! True Stories of a Basketball Star on Safari

National Geographic Kids, United Kingdom, 2015. Paperback. Book Condition: New. 190 x 130

mm. Language: English . Brand New Book. NBA star Boris Diaw of the San Antonio spurs takes young readers on safari as...

[Save Document »](#)



Portrait of a Marriage: V. Sackville-West and Harold Nicolson

Atheneum. PAPERBACK. Book Condition: New. 0689705972 12+ Year Old paperback book-

Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with...

[Save Document »](#)



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm.

Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Save Document »](#)



Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Book Condition: Brand New. Book Condition: Brand New.

[Save Document »](#)



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality

[Save ePUB »](#)



Storytown: Challenge Trade Book Story 2008 Grade 4 African-American Quilt

HARCOURT SCHOOL PUBLISHERS. PAPERBACK. Book Condition: New. 0153651474 WE HAVE NUMEROUS COPIES-PAPERBACK , In pristine condition.

[Save ePUB »](#)



Sulk: Kind of Strength Comes from Madness v. 3

Top Shelf Productions, United States, 2010. Paperback. Book Condition: New. 160 x 114 mm. Language: English . Brand New Book. Jeffrey Brown explores the world of fantasy and science fiction, and turns it on its

[Save ePUB »](#)



From Kristallnacht to Israel: A Holocaust Survivor's Journey

Dog Ear Publishing, United States, 2009. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.In the 1930s, as evil begins to envelope Europe, Karl Rothstein

[Save ePUB »](#)



Stories from East High: Bonjour, Wildcats v. 12

Parragon Book Service Ltd, 2009. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving

[Save ePUB »](#)