# Parameter determination of a binary star system



Filesize: 2.58 MB

# Reviews

A must buy book if you need to adding benefit. It is actually rally fascinating throgh studying time. Your way of life span will likely be transform as soon as you complete looking over this publication. (Ms. Bernice Rolfson)

#### PARAMETER DETERMINATION OF A BINARY STAR SYSTEM



To save **Parameter determination of a binary star system** PDF, make sure you access the button beneath and download the file or gain access to additional information that are related to PARAMETER DETERMINATION OF A BINARY STAR SYSTEM ebook.

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 ans 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 spectroscopical and photometrical results of this binary star system. The spectroscopical 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
  - Download ePUB Parameter determination of a binary star system

# Other Kindle Books



#### [PDF] Psychologisches Testverfahren

Follow the web link listed below to get "Psychologisches Testverfahren" PDF file. Save Book »



### [PDF] Programming in D

Follow the web link listed below to get "Programming in D" PDF file.

Save Book »



#### [PDF] Adobe Indesign CS/Cs2 Breakthroughs

Follow the web link listed below to get "Adobe Indesign CS/Cs2 Breakthroughs" PDF file. Save Book »



### [PDF] Sport is Fun (Red B) NF

Follow the web link listed below to get "Sport is Fun (Red B) NF" PDF file. Save Book  $\,$ 



### [PDF] Have You Locked the Castle Gate?

Follow the web link listed below to get "Have You Locked the Castle Gate?" PDF file. Save Book »



#### [PDF] The Java Tutorial (3rd Edition)

Follow the web link listed below to get "The Java Tutorial (3rd Edition)" PDF file. Save Book »



# [PDF] The Noon Witch, Op. 108 / B. 196: Study Score

Access the web link listed below to get "The Noon Witch, Op. 108 / B. 196: Study Score" file.

Download ePub »



#### [PDF] Scherzo Capriccioso, Op.66 / B.131: Study Score

Access the web link listed below to get "Scherzo Capriccioso, Op.66 / B.131: Study Score" file.

Download ePub »



# [PDF] Ip Man Wing Chun Basics (the movie Ip Man director Sin Kwok. Ip Man master(Chinese Edition)

Access the web link listed below to get "Ip Man Wing Chun Basics (the movie Ip Man director Sin Kwok. Ip Man master(Chinese Edition)" file.

Download ePub »



#### [PDF] Fifth-grade essay How to Write

Access the web link listed below to get "Fifth-grade essay How to Write" file.

Download ePub »



# [PDF] Tax Practice (2nd edition five-year higher vocational education and the accounting profession teaching the book) (Chinese Edition)

Access the web link listed below to get "Tax Practice (2nd edition five-year higher vocational education and the accounting profession teaching the book) (Chinese Edition)" file.

Download ePub »



# [PDF] Slavonic Rhapsody in G Minor, B.86.2: Study Score

Access the web link listed below to get "Slavonic Rhapsody in G Minor, B.86.2: Study Score" file.

Download ePub »