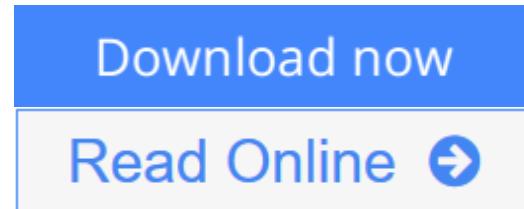# The Cinderella.2 Manual: Working with The Interactive Geometry Software

By Jürgen Richter-Gebert, Ulrich H. Kortenkamp

The Cinderella.2 Manual: Working with The Interactive Geometry Software By Jürgen Richter-Gebert, Ulrich H. Kortenkamp

Cinderella.2, the new version of the well-known interactive geometry software, has become an even more versatile tool than its predecessor. The geometry component extends the functionality to such spectacular objects as dynamic fractals, and the software includes two major new components: physical simulation such as of mechanical objects, virtual electronic devices, and electromagnetic properties. Cinderella.2 Documentation offers complete instruction and techniques for using Cinderella.2.

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- Sales Rank: #3781190 in Books
- Published on: 2012-03-02
- Original language: English
- Number of items: 1
- Dimensions: .90" h x 7.90" w x 10.40" l, 2.80 pounds
- Binding: Hardcover
- 458 pages

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Editorial Review

Review

From the reviews of Cinderella.1:

"Cinderella: the interactive geometry software . Springer, 2000. $54.95. CD-ROM 1 disc; user manual of 150p.

Cinderella is a gem: this interactive geometry package offers an environment in which the user can do classic or original constructions with extreme accuracy and ease. Interactive exercises may be created and exported as Web pages, which include necessary Cinderella tools. Hints can be displayed after a specified time interval, and built-in automatic proving capability allows for an immediate check of student solutions. Drawings created are extremely accurate and can be exported as PostScript files. The authors explain, albeit in a sketchy fashion, what goes on behind the scenes in Cinderella constructions; for example, the models are based on Caley-Klein geometries. Cinderella allows constructions in Euclidean, hyperbolic, elliptic, and projective geometry. The fact that Cinderella is written entirely in JAVA allows for a high level of portability. The ease of both construction and exporting applets is amazing. Necessary run-time packages are provided and may be included when users post their constructions and exercises, as long as the use is not for profit. This package far outstrips its competitors (such as The Geometers Sketchpad, Cabrigeometry II) in capability and ease of use. The cost of this package is remarkably low, given its capabilities. A downloadable demo may be found from the publisher (http://www.cinderella.de/) where one will also find a wealth of online documentation, examples, and support. Highly recommended for all teachers and students of geometry from high school through undergraduate level." --

Reviewed by R. L. Pour, Emory and Henry College - CHOICE magazine, 17.1.2001; for complete review see http://www.choicereviews.org

"[...] The first thing that attracted me in Cinderella was its human interface. [...] At this point you face one of the strongest features of Cinderella: its support of different geometric views. [...] Let me conclude with a good word about the software installation: It's a piece of cake. After 30 seconds or so, you can play."

Reviewed by G.Barequet, Technion Haifa - The Mathematical Intelligencer, Vol. 24, Number 4, 2002

From the Back Cover

Cinderella.2, the new version of the well-known interactive geometry software, has become an even more versatile tool than its predecessor. It now consists of three connected parts: An enhanced geometry component with new features like transformations and dynamic fractals, a simulation laboratory to explore basic laws of Newton mechanics, and an easy to use scripting language that enables any user to quickly extend the software even further.

The Cinderella.2 Manual is the first book to offer complete instruction and techniques for using Cinderella.2. It contains a wealth of examples, in particular for the CindyScript language which interacts smoothly with

the geometry and simulation components, and a complete reference. Cinderella.2 is Math in Motion all the way, and this book provides comprehensive documentation from start to finish.

Users Review

From reader reviews:

Donna Miller:

In this 21st centuries, people become competitive in every single way. By being competitive currently, people have do something to make all of them survives, being in the middle of typically the crowded place and notice by simply surrounding. One thing that occasionally many people have underestimated that for a while is reading. That's why, by reading a e-book your ability to survive improve then having chance to endure than other is high. For you who want to start reading a book, we give you this specific The Cinderella.2 Manual: Working with The Interactive Geometry Software book as starter and daily reading e-book. Why, because this book is usually more than just a book.

Loretta Claybrooks:

The actual book The Cinderella.2 Manual: Working with The Interactive Geometry Software has a lot details on it. So when you make sure to read this book you can get a lot of benefit. The book was authored by the very famous author. The author makes some research ahead of write this book. This kind of book very easy to read you will get the point easily after looking over this book.

Lorenzo Brown:

The reason why? Because this The Cinderella.2 Manual: Working with The Interactive Geometry Software is an unordinary book that the inside of the e-book waiting for you to snap the item but latter it will surprise you with the secret that inside. Reading this book adjacent to it was fantastic author who write the book in such wonderful way makes the content inside of easier to understand, entertaining technique but still convey the meaning fully. So , it is good for you because of not hesitating having this any more or you going to regret it. This phenomenal book will give you a lot of positive aspects than the other book include such as help improving your skill and your critical thinking way. So , still want to hold up having that book? If I ended up you I will go to the book store hurriedly.

Carolyn Berndt:

This The Cinderella.2 Manual: Working with The Interactive Geometry Software is great guide for you because the content which is full of information for you who also always deal with world and get to make decision every minute. That book reveal it data accurately using great plan word or we can declare no rambling sentences included. So if you are read that hurriedly you can have whole details in it. Doesn't mean it only will give you straight forward sentences but challenging core information with beautiful delivering sentences. Having The Cinderella.2 Manual: Working with The Interactive Geometry Software in your hand like finding the world in your arm, data in it is not ridiculous 1. We can say that no e-book that offer you world inside ten or fifteen moment right but this publication already do that. So , this really is good reading

book. Hey there Mr. and Mrs. stressful do you still doubt that will?

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