Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics)

Daniel Huybrechts

Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics)

Daniel Huybrechts

Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) Daniel Huybrechts
K3 surfaces are central objects in modern algebraic geometry. This book examines this important class of
Calabi–Yau manifolds from various perspectives in eighteen self-contained chapters. It starts with the basics
and guides the reader to recent breakthroughs, such as the proof of the Tate conjecture for K3 surfaces and
structural results on Chow groups. Powerful general techniques are introduced to study the many facets of
K3 surfaces, including arithmetic, homological, and differential geometric aspects. In this context, the book
covers Hodge structures, moduli spaces, periods, derived categories, birational techniques, Chow rings, and
deformation theory. Famous open conjectures, for example the conjectures of Calabi, Weil, and Artin–Tate,
are discussed in general and for K3 surfaces in particular, and each chapter ends with questions and open
problems. Based on lectures at the advanced graduate level, this book is suitable for courses and as a
reference for researchers.

Download and Read Free Online Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) Daniel Huybrechts

---

From reader reviews:

Julio Keith:

Now a day people who Living in the era exactly where everything reachable by talk with the internet and the resources within it can be true or not involve people to be aware of each data they get. How individuals to be smart in getting any information nowadays? Of course the reply is reading a book. Examining a book can help persons out of this uncertainty Information specially this Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) book since this book offers you rich data and knowledge. Of course the information in this book hundred per cent guarantees there is no doubt in it you probably know this.

Paulette Wang:

The book untitled Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) contain a lot of information on the idea. The writer explains your ex idea with easy technique. The language is very easy to understand all the people, so do not really worry, you can easy to read the idea. The book was compiled by famous author. The author will take you in the new era of literary works. You can easily read this book because you can read more your smart phone, or product, so you can read the book in anywhere and anytime. If you want to buy the e-book, you can start their official web-site along with order it. Have a nice read.

Irma Murray:

As we know that book is vital thing to add our understanding for everything. By a guide we can know everything we really wish for. A book is a range of written, printed, illustrated or maybe blank sheet. Every year had been exactly added. This publication Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) was filled regarding science. Spend your spare time to add your knowledge about your scientific disciplines competence. Some people has different feel when they reading any book. If you know how big selling point of a book, you can truly feel enjoy to read a reserve. In the modern era like currently, many ways to get book that you wanted.

Brenda Hedstrom:

Do you like reading a reserve? Confuse to looking for your favorite book? Or your book has been rare? Why so many query for the book? But virtually any people feel that they enjoy with regard to reading. Some people likes reading, not only science book and also novel and Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) as well as others sources were given knowledge for you. After you know how the truly amazing a book, you feel wish to read more and more. Science e-book was created for teacher or perhaps students especially. Those publications are helping them to put their knowledge. In additional case, beside science reserve, any other book likes Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) to make your spare time far more colorful. Many types of book like here.

Download and Read Online Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) Daniel Huybrechts #GOT7FMZUBAI

Read Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) by Daniel Huybrechts for online ebook

Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) by Daniel Huybrechts Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) by Daniel Huybrechts books to read online.

Online Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) by Daniel Huybrechts ebook PDF download

Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) by Daniel Huybrechts Doc

Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) by Daniel Huybrechts Mobipocket

Lectures on K3 Surfaces (Cambridge Studies in Advanced Mathematics) by Daniel Huybrechts EPub