



Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs)

By Takeshi Saito

Download now

Read Online 

Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito

This is the second volume of the book on the proof of Fermat's Last Theorem by Wiles and Taylor (the first volume is published in the same series; see MMONO/243). Here the detail of the proof announced in the first volume is fully exposed. The book also includes basic materials and constructions in number theory and arithmetic geometry that are used in the proof. In the first volume the modularity lifting theorem on Galois representations has been reduced to properties of the deformation rings and the Hecke modules. The Hecke modules and the Selmer groups used to study deformation rings are constructed, and the required properties are established to complete the proof. The reader can learn basics on the integral models of modular curves and their reductions modulo that lay the foundation of the construction of the Galois representations associated with modular forms. More background materials, including Galois cohomology, curves over integer rings, the Néron models of their Jacobians, etc., are also explained in the text and in the appendices.

 [Download Fermat's Last Theorem: The Proof \(Translation ...pdf](#)

 [Read Online Fermat's Last Theorem: The Proof \(Translati ...pdf](#)

Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs)

By Takeshi Saito

Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito

This is the second volume of the book on the proof of Fermat's Last Theorem by Wiles and Taylor (the first volume is published in the same series; see MMONO/243). Here the detail of the proof announced in the first volume is fully exposed. The book also includes basic materials and constructions in number theory and arithmetic geometry that are used in the proof. In the first volume the modularity lifting theorem on Galois representations has been reduced to properties of the deformation rings and the Hecke modules. The Hecke modules and the Selmer groups used to study deformation rings are constructed, and the required properties are established to complete the proof. The reader can learn basics on the integral models of modular curves and their reductions modulo that lay the foundation of the construction of the Galois representations associated with modular forms. More background materials, including Galois cohomology, curves over integer rings, the Néron models of their Jacobians, etc., are also explained in the text and in the appendices.

Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito Bibliography

- Sales Rank: #1881551 in Books
- Published on: 2014-12-18
- Original language: English
- Dimensions: 8.50" h x 5.50" w x .75" l, .64 pounds
- Binding: Paperback
- 234 pages

 [Download Fermat's Last Theorem: The Proof \(Translation ...pdf](#)

 [Read Online Fermat's Last Theorem: The Proof \(Translati ...pdf](#)

Download and Read Free Online Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito

Editorial Review

About the Author

Takeshi Saito, University of Tokyo, Japan.

Users Review

From reader reviews:

James Brier:

What do you in relation to book? It is not important to you? Or just adding material if you want something to explain what the ones you have problem? How about your time? Or are you busy person? If you don't have spare time to accomplish others business, it is make you feel bored faster. And you have free time? What did you do? Every person has many questions above. The doctor has to answer that question because just their can do which. It said that about reserve. Book is familiar on every person. Yes, it is right. Because start from on pre-school until university need that Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) to read.

Gregory Proctor:

This Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) is great publication for you because the content that is certainly full of information for you who else always deal with world and possess to make decision every minute. This book reveal it details accurately using great coordinate word or we can say no rambling sentences in it. So if you are read the item hurriedly you can have whole facts in it. Doesn't mean it only will give you straight forward sentences but tricky core information with attractive delivering sentences. Having Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) in your hand like getting the world in your arm, info in it is not ridiculous 1. We can say that no book that offer you world with ten or fifteen minute right but this reserve already do that. So , it is good reading book. Hey Mr. and Mrs. hectic do you still doubt in which?

Daniel Bailey:

In this particular era which is the greater particular person or who has ability in doing something more are more treasured than other. Do you want to become certainly one of it? It is just simple strategy to have that. What you are related is just spending your time little but quite enough to have a look at some books. One of many books in the top record in your reading list will be Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs). This book which is qualified as The Hungry Hillside can get you closer in getting precious person. By looking up and review this reserve you can get many advantages.

Keith Kemp:

Reading a guide make you to get more knowledge from the jawhorse. You can take knowledge and information originating from a book. Book is composed or printed or illustrated from each source this filled update of news. With this modern era like at this point, many ways to get information are available for a person. From media social such as newspaper, magazines, science reserve, encyclopedia, reference book, novel and comic. You can add your knowledge by that book. Are you ready to spend your spare time to spread out your book? Or just in search of the Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) when you needed it?

**Download and Read Online Fermat's Last Theorem: The Proof
(Translations of Mathematical Monographs) By Takeshi Saito
#0BH4S6R9MD1**

Read Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito for online ebook

Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito 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 Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito books to read online.

Online Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito ebook PDF download

Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito Doc

Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito Mobipocket

Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito EPub

0BH4S6R9MD1: Fermat's Last Theorem: The Proof (Translations of Mathematical Monographs) By Takeshi Saito