

伽罗瓦理论

现代数学基础

37 伽罗瓦理论

——天才的激情

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 高等教育出版社
HIGHER EDUCATION PRESS

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出版者:

出版时间:2010-9

装帧:

isbn:9787510027420

《伽罗瓦理论》内容简介：This exposition of Galois theory was originally going to be Chapter 1 of the continuation of my book Fermat's Last Theorem, but it soon outgrew any reasonable bounds for an introductory chapter, and I decided to make it a separate book. However, this decision was prompted by more than just the length. Following the precepts of my sermon "Read the Masters!" [E2], I made the reading of Galois' original memoir a major part of my study of Galois theory, and I saw that the modern treatments of Galois theory lacked much of the simplicity and clarity of the original. Therefore I wanted to write about the theory in a way that would not only explain it, but explain it in terms close enough to Galois' own to make his memoir accessible to the reader, in the same way that I tried to make Riemann's memoir on the zeta function and Kummer's papers on Fermat's Last Theorem accessible in my earlier books, [E1] and [E3]. Clearly I could not do this within the confines of one expository chapter.

作者介绍：

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评论

学长送了一本，书很薄，但内容好头痛额

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书评

不再有恨，就可以走得决绝。这不仅仅是一纸书评，是我在豆瓣最后的印记。这本书处理得很完整，作者意在展示整个理论的发展脉络，也是Galois理论方面论述得最全面的书籍。

Vandermonde和Lagrange的工作，是基于预解来构造解，这样做，统一了2,3,4次方程的处理。这个做法在5次方...

读完这本书有一种酣畅淋漓的感觉，而且，我想只要是事先有一点代数基础理论知识的朋友都会发现，这本书的写法和教科书里所讲的Galois理论有很明显的区别，很有特色，现在我将其归纳如下，仅供大家参考：

第一点，也是本书最大的特色之一，就是作者是以Galois理论的历史发展为主...

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