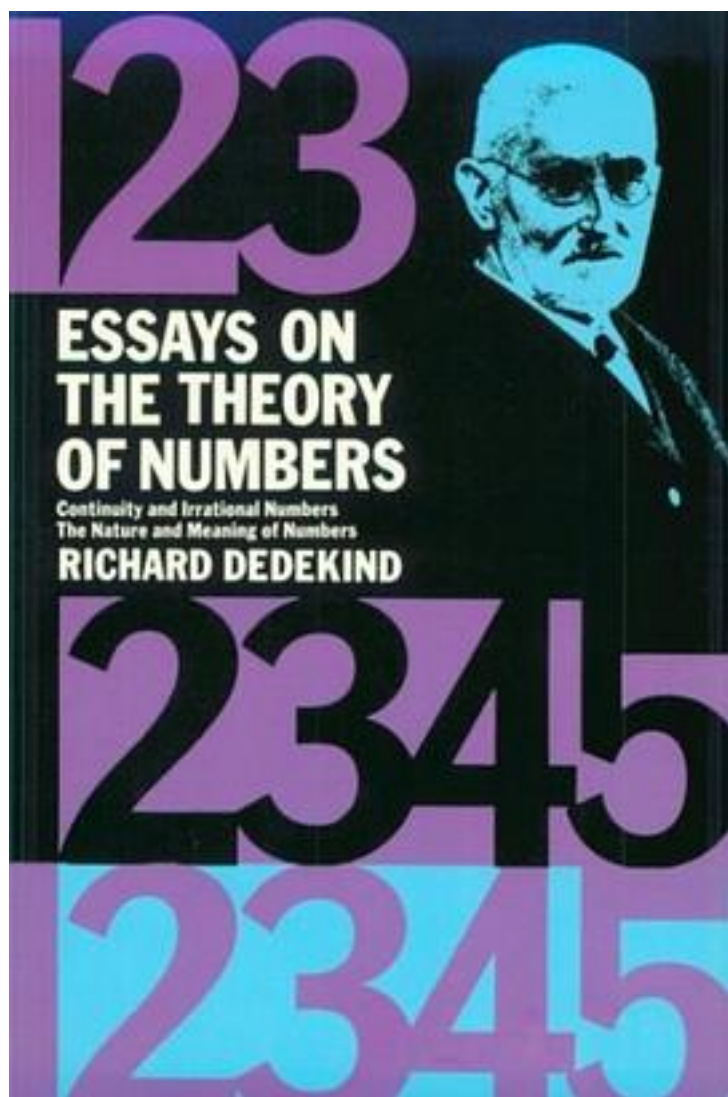


Essays on the Theory of Numbers



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著者:Richard Dedekind

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Two most important essays by the famous German mathematician: one provides an arithmetic, rigorous foundation for the irrational numbers, thereby a rigorous meaning of continuity in analysis. The other is an attempt to give logical basis for transfinite numbers and properties of the natural numbers.

作者介绍:

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标签

数学

SJC

戴德金

number

纸质

数论

数学编程与统计

数学史

评论

前半

戴德金对无理数的纯算术方法推导。排列有理数用到了数轴。所以数轴不算一个geometrical intuition哦？然后从数轴这个line推断有理数是不连续的，它们的gap里面还有其他数即无理数。这个move不算stretching an analogy哦？

只读了第一篇和第二篇的前言

Which one is the primary, geometry of algebra? Are numbers truly different from geometry? What is the number?

Continuity and Irrational Numbers 一篇

Continuity and Irrational numbers.
非常优美的策略。关键概念的征用来自解决问题的实际需要。数学气息>哲学气息。相当依赖geometric intuition.

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书评

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