



## The Heart of Mathematics: An invitation to effective thinking

By Edward B. Burger, Michael Starbird



**The Heart of Mathematics: An invitation to effective thinking** By Edward B. Burger, Michael Starbird

**The Heart of Mathematics** addresses the big ideas of mathematics (many of which are cutting edge research topics) in a non-computational style intended to be both read and enjoyed by students and instructors, as well as by motivated general readers. It features an engaging, lively, humorous style full of surprises, games, mind-benders, and all without either sacrificing good mathematical thought or relying on mathematical computation or symbols.

The authors are award-winning authors, holding awards such as: Distinguished Teaching Award (Burger, from the Mathematical Association of America); Chauvenet Prize (the best expository mathematics writer in the world, Burger, from the MAA) and many others.

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**Bibliography**

- Sales Rank: #424486 in Books
- Brand: Brand: Key College Publishing
- Published on: 2005
- Ingredients: Example Ingredients
- Original language: English
- Number of items: 1
- Dimensions: 1.38" h x 7.56" w x 9.46" l, 3.04 pounds
- Binding: Hardcover
- 760 pages



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Review

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"In this book, the reader will see that mathematics is a network of intriguing ideas . . . It is a really nice book. . . . This attractive book contains a lot of well-known and interesting problems . . . It is really true that the ideas presented in this book are some of the most fascinating and beautiful ones around. . . . The reader will have something to explore, to learn, to think, to enjoy, and to add new aspects to his view of everything." (Valentina Dagienë, Zentralblatt MATH, Vol. 1065, 2005)

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