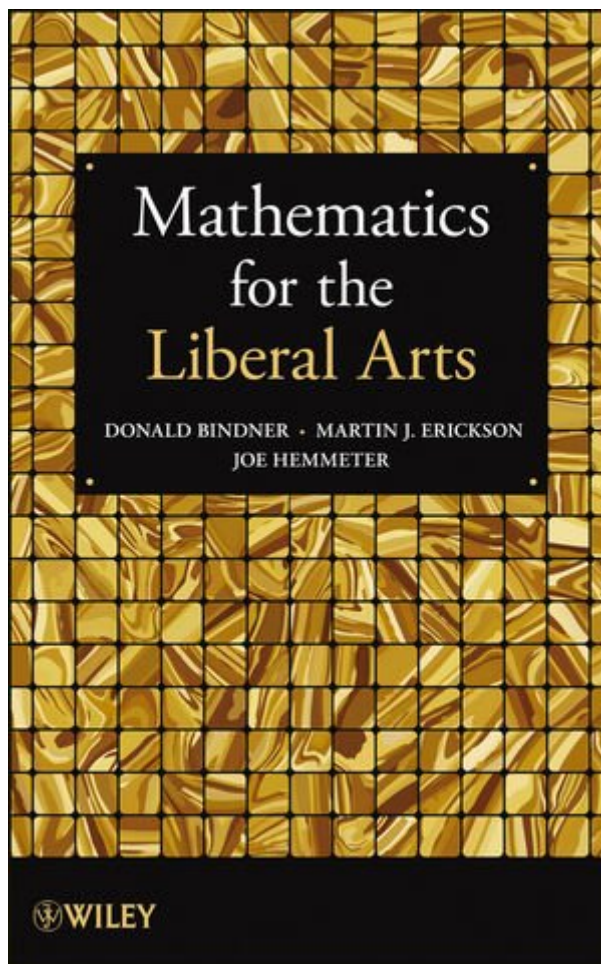# Mathematics for the Liberal Arts PDF

Mathematics for the Liberal Arts by Donald Bindner, Martin J. Erickson, Joe Hemmeter ISBN 1118352912

Presents a clear bridge between mathematics and the liberal arts

Mathematics for the Liberal Arts provides a comprehensible and precise introduction to modern mathematics intertwined with the history of mathematical discoveries. The book discusses mathematical ideas in the context of the unfolding story of human thought and highlights the application of mathematics in everyday life.

Divided into two parts, *Mathematics for the Liberal Arts* first traces the history of mathematics from the ancient world to the Middle Ages, then moves on to the Renaissance and finishes with the development of modern mathematics. In the second part, the book explores major topics of calculus and number theory, including problem-solving techniques and real-world applications. This book emphasizes learning through doing, presents a practical approach, and features:

- A detailed explanation of why mathematical principles are true and how the mathematical processes work
- Numerous figures and diagrams as well as hundreds of worked examples and exercises, aiding readers to further visualize the presented concepts
- Various real-world practical applications of mathematics, including error-correcting codes and the space shuttle program
- Vignette biographies of renowned mathematicians
- Appendices with solutions to selected exercises and suggestions for further reading

Mathematics for the Liberal Arts is an excellent introduction to the history and concepts of mathematics for undergraduate liberal arts students and readers in non-scientific fields wishing to gain a better understanding of mathematics and mathematical problem-solving skills.

Mathematics for the Liberal Arts Review

This Mathematics for the Liberal Arts book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Mathematics for the Liberal Arts without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Mathematics for the Liberal Arts can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Mathematics for the Liberal Arts having great arrangement in word and layout, so you will not really feel uninterested in reading.