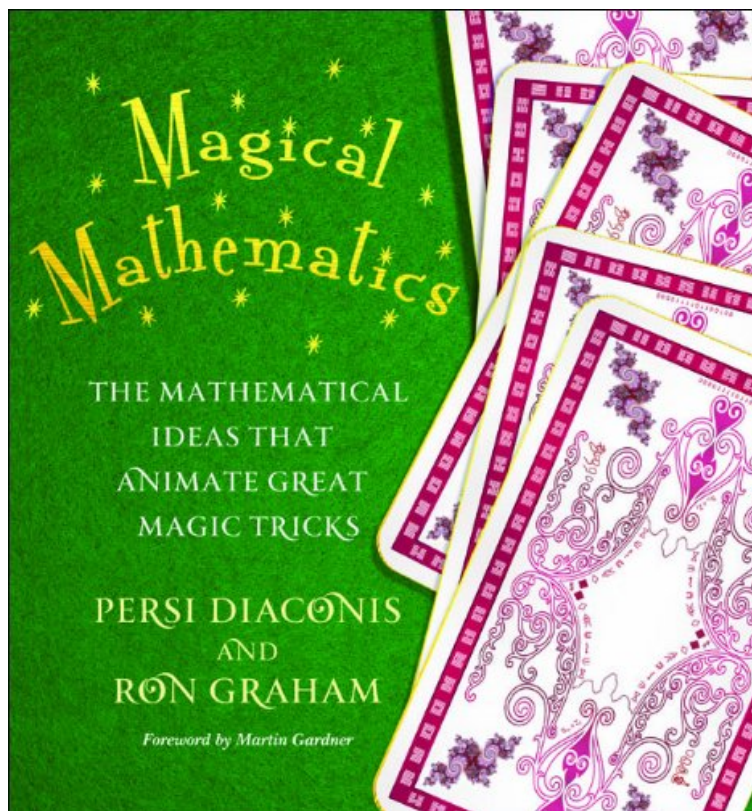


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# Magical Mathematics: The Mathematical Ideas That Animate Great Magic Tricks



Par Persi Diaconis, Ron Graham  
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## Description :

Prsentation de l'diteurMagical Mathematics reveals the secrets of fun-to-perform card tricksand the profound mathematical ideas behind themthat will astound even the most accomplished magician. Persi Diaconis and Ron Graham provide easy, step-by-step instructions for each trick, explaining how to set up the effect and offering tips on what to say and do while performing it. Each card trick introduces a new mathematical idea, and varying the tricks in turn takes readers to the very threshold of today's mathematical knowledge.Diaconis and Graham tell the storiesand reveal the best tricksof the eccentric and brilliant inventors of mathematical magic. The book exposes old gambling secrets through the mathematics of shuffling cards, explains the classic street-gambling scam of three-card Monte, traces the history of mathematical magic back to the oldest mathematical trickand much more.Revue de presseThe Riemann hypothesis, the Mandelbrot set, Fermat's last theorem--these mathematical notions and others underlie all manner of magic tricks. Mathematicians Persi Diaconis--also a card magician--and Ron Graham--also a juggler--unveil the connections between magic and math in this well-illustrated volume. -- Scientific AmericanWriting for the public, the two authors share their passions, teaching sophisticated mathematical concepts along with interesting card tricks, which rely upon those principles for their workings. -- GENII: The Conjurors' Magazine[I]t is simply a beautiful book. The design, layout, typography, even the paper is

beautiful. . . . [T]his is one of the most fun, engaging new popular mathematics books I've seen in a long time. -- Math Less Traveled Blog  
The authors are master storytellers. . . . [T]he authors offer advice and recommendations for further pursuits in mathematics, magic and juggling. -- -the-Knot blog  
Well known and highly respected in the mathematical community, Diaconis and Graham have produced a work that completely lives up to expectations. It contains descriptions of magic tricks as viewed by an audience, the mathematics that make them possible, and clear explanations to help you--with a little practice--amaze your friends. --Library Journal  
Over 12 chapters, the reader is taken on a unique and wonderful tour that fuses magical tricks with underlying mathematical explanations and personal stories, written by world-renowned experts in both fields. With its friendly, disarming style, the book is pitched perfectly at a level that will surprise both the hardened mathematical researcher and the interested general reader, without putting either of them off. --C.J.Howls Times Higher Education Supplement  
Présentation de l'auteur  
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