



Mathematics, Magic and Mystery Dover Recreational Math

By Martin Gardner

Dover Publications. Paperback. Book Condition: New. Paperback. 176 pages. Dimensions: 8.0in. x 5.3in. x 0.5in. Why do card tricks work? How can magicians do astonishing feats of mathematics mentally? Why do stage mind-reading tricks work? As a rule, we simply accept these tricks and magic without recognizing that they are really demonstrations of strict laws based on probability, sets, number theory, topology, and other branches of mathematics. This is the first book-length study of this fascinating branch of recreational mathematics. Written by one of the foremost experts on mathematical magic, it employs considerable historical data to summarize all previous work in this field. It is also a creative examination of laws and their exemplification, with scores of new tricks, insights, and demonstrations. Dozens of topological tricks are explained, and dozens of manipulation tricks are aligned with mathematical law. Nontechnical, detailed, and clear, this volume contains 115 sections discussing tricks with cards, dice, coins, etc.; topological tricks with handkerchiefs, cards, etc.; geometrical vanishing effects; demonstrations with pure numbers; and dozens of other topics. You will learn how a Moebius strip works and how a Curry square can prove that the whole is not equal to the sum of its parts. No skill at sleight of...



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Reviews

Basically no terms to clarify. It is actually written in basic terms rather than confusing. I found out this ebook from my dad and I suggested this book to find out.

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