



Math Goes to the Movies

Burkard Polster, Marty Ross

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Mel Gibson teaching Euclidean geometry, Meg Ryan and Tim Robbins acting out Zeno's paradox, Michael Jackson proving in three different ways that $7 \times 13 = 28$. These are just a few of the intriguing mathematical snippets that occur in hundreds of movies. Burkard Polster and Marty Ross pored through the cinematic calculus to create this thorough and entertaining survey of the quirky, fun, and beautiful mathematics to be found on the big screen.

Math Goes to the Movies is based on the authors' own collection of more than 700 mathematical movies and their many years using movie clips to inject moments of fun into their courses. With more than 200 illustrations, many of them screenshots from the movies themselves, this book provides an inviting way to explore math, featuring such movies as:

• *Good Will Hunting* • *A Beautiful Mind* • *Stand and Deliver* • *Pi* • *Die Hard* • *The Mirror Has Two Faces*

The authors use these iconic movies to introduce and explain important and famous mathematical ideas: higher dimensions, the golden ratio, infinity, and much more. Not all math in movies makes sense, however, and Polster and Ross talk about Hollywood's most absurd blunders and outrageous mathematical scenes. Interviews with mathematical consultants to movies round out this engaging journey into the realm of cinematic mathematics.

This fascinating behind-the-scenes look at movie math shows how fun and illuminating equations can be.

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A lot of people always spent their free time to vacation or maybe go to the outside with them household or their friend. Are you aware? Many a lot of people spent that they free time just watching TV, or maybe playing video games all day long. If you need to try to find a new activity that is look different you can read some sort of book. It is really fun to suit your needs. If you enjoy the book that you just read you can spent all day long to reading a publication. The book Math Goes to the Movies it doesn't matter what good to read. There are a lot of those who recommended this book. These people were enjoying reading this book. In case you did not have enough space to deliver this book you can buy the particular e-book. You can m0ore very easily to read this book through your smart phone. The price is not too expensive but this book has high quality.

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