



Math Goes to the Movies

By Burkard Polster, Marty Ross

JOHNS HOPKINS UNIVERSITY PRESS, United States, 2012. Paperback. Book Condition: New. 234 x 152 mm. Language: English . Brand New Book. 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...

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