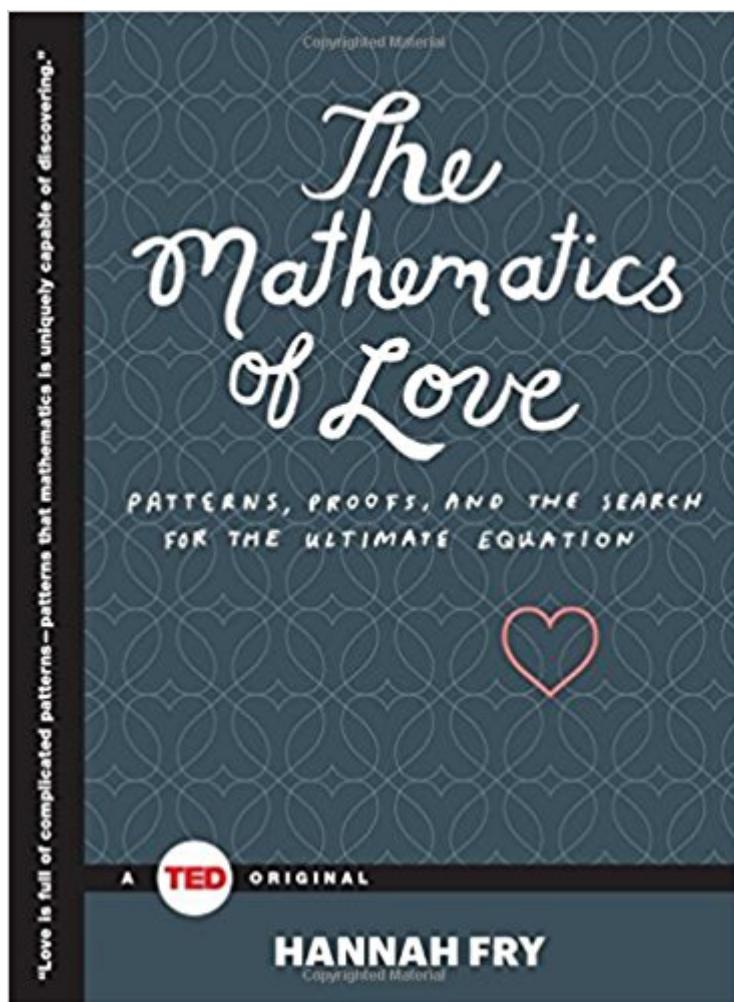


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# The Mathematics Of Love: Patterns, Proofs, And The Search For The Ultimate Equation (TED Books)



## Synopsis

In this must-have for anyone who wants to better understand their love life, a mathematician pulls back the curtain and reveals the hidden patterns "from dating sites to divorce, sex to marriage" behind the rituals of love. The roller coaster of romance is hard to quantify; defining how lovers might feel from a set of simple equations is impossible. But that doesn't mean that mathematics isn't a crucial tool for understanding love. Love, like most things in life, is full of patterns. And mathematics is ultimately the study of patterns "from predicting the weather to the fluctuations of the stock market, the movement of planets or the growth of cities. These patterns twist and turn and warp and evolve just as the rituals of love do. In *The Mathematics of Love*, Dr. Hannah Fry takes the reader on a fascinating journey through the patterns that define our love lives, applying mathematical formulas to the most common yet complex questions pertaining to love: What's the chance of finding love? What's the probability that it will last? How do online dating algorithms work, exactly? Can game theory help us decide who to approach in a bar? At what point in your dating life should you settle down? From evaluating the best strategies for online dating to defining the nebulous concept of beauty, Dr. Fry proves "with great insight, wit, and fun" that math is a surprisingly useful tool to negotiate the complicated, often baffling, sometimes infuriating, always interesting, mysteries of love.

## Book Information

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## Customer Reviews

âœA smart, snappy guide to romance that dips into mathematical modelsâœOn-screen and on the

page, Fry has a wry, chatty voice that illuminates age-old questions in brainy yet simple language. • (Washington Post)

Dr. Hannah Fry is a mathematician and complexity scientist from University College Londonâ™s Center for Advanced Spatial Analysis. Fry also regularly presents the Number Hub strand of BBC Worldwideâ™s YouTube channel, Headsqueeze. Her first TED talk attracted more than 500,000 views across all TED channels and evolved into her first book, *The Mathematics of Love*.

Wow, for any intellectual who wants to look at dating from a different perspective, this book does a very, very good job of weaving complex theories in math, economics, and even psychology into the world of dating. The author definitely gets kudos for her job with her explanation of Nobel-prize winning ideas and relating them to the average person in the context of dating. Girls, this book explains (mathematically) why you're on the losing end of the stick if you don't approach guys. Guys, it is our privilege, not our burden to be the gender that does the approaching.

What an excellent read. I was drawn to this book based on an excerpt posted about "low tolerance" relationships (talked about in the last section, I think) but there was a lot of reasoning that rang true and made me consider what was written. A refreshing take on statistics and something that's, seemingly, non mathematical.

Great little book, I bought for a family member who is a medical scientist and mathematician. She loves it!

Is very nice to find books like this one. Easy reading, interesting, well presented and documented, illustrative... I definitely recommend it to anyone I can.

Enjoyed this book. I only wish it was a little longer. I like the mathematical explanations of human behavior, and you'll find good, solid advice as well.

Amusing, thought-provoking

Glib and superficial. Ms Fry often states the obvious and seldom displays true insight. This is about Ted Talk marketing.

Some interesting math algorithms possibly related to relationship selection & success. Would have been better as a series of magazine articles.

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