

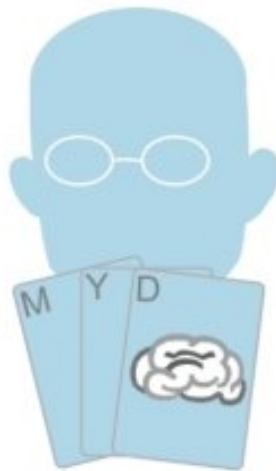
[DOWNLOAD] 40 Paradoxes in Logic, Probability, and Game Theory

40 Paradoxes in Logic, Probability, and Game Theory

Presh Talwalkar

*ePub | *DOC | audiobook | ebooks | Download PDF*

40 PARADOXES IN LOGIC, PROBABILITY, AND GAME THEORY



PRESH TALWALKAR

 Download

 Read Online

#873228 in Books 2015-09-21Original language:English 9.00 x .32 x 6.00l, #File Name: 1517319307142 pages | File size: 17.Mb

Presh Talwalkar : 40 Paradoxes in Logic, Probability, and Game Theory before purchasing it in order to gage whether or not it would be worth my time, and all praised 40 Paradoxes in Logic, Probability, and Game Theory:

2 of 2 people found the following review helpful. An interesting, well written bookBy Udi AharoniThe book describes paradoxes of many kinds. Some paradoxes are of more hypothetical or philosophical nature, while others are strange and surprising results that actually occurred in real life. Such is the "Simpson's paradox", demonstrated in the book using American college football ranking, or the "Braess paradox", which shows that opening a new road can increase

traffic jams, instead of decreasing them (a phenomenon believed to have occurred in major cities). Along the way the book touches on many fields and domains. There are historical anecdotes (e.g., a 1964 U.S. supreme court ruling offering a paradoxical distinction between art and pornography), concepts and methods from economics, decision theory, geometry, and probability. Everything is described in a simple, engaging way, and no special prior knowledge is assumed.

0 of 0 people found the following review helpful. Dry and not in depth
By David Wenzlick
Two stars because some of the paradoxes were interesting, but in general, explained briefly and not well. I would have liked more depth in the possible solutions.

1 of 1 people found the following review helpful. Intriguing and well-written
By Paul Thomas
The "paradoxes" presented in this book are interesting and well-explained. My only wish was that there would have been more on game theory-there were only a few examples worked in at the end.

This book contains 40 delightful paradoxes. Here is a small sampling.

LOGIC: Is it ever right to ask the question: "May I disturb you?" The very act of asking will disturb the person. And yet, I simply can't know if it's correct to ask the question unless I actually ask the question!

PROBABILITY: In 2007, the college football team USC was ranked as 7th in the Harris poll, 6th in the USA Today poll, and 6th in the computer rankings. And yet, when the three polls were averaged, USC ended up as being ranked as the 5th best team overall. How is that possible?

GAME THEORY: You play game A that is a losing bet. You also play game B that is a losing bet. Yet when you play games A and B alternately that is a winning bet. How can two losing games combine to make a winning game?

About the Author
Presh Talwalkar studied Economics and Mathematics at Stanford University. His "site Mind Your Decisions" has blog posts and original videos about math that have been viewed millions of times.