



Probability and Finance: It's Only a Game!

By Glenn Shafer, Vladimir Vovk

Download now

Read Online ➔

Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk

Provides a foundation for probability based on game theory rather than measure theory.

- A strong philosophical approach with practical applications.
- Presents in-depth coverage of classical probability theory as well as new theory.

 [Download Probability and Finance: It's Only a Game! ...pdf](#)

 [Read Online Probability and Finance: It's Only a Game! ...pdf](#)

Probability and Finance: It's Only a Game!

By Glenn Shafer, Vladimir Vovk

Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk

Provides a foundation for probability based on game theory rather than measure theory.

- A strong philosophical approach with practical applications.
- Presents in-depth coverage of classical probability theory as well as new theory.

Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk Bibliography

- Sales Rank: #2244313 in Books
- Published on: 2001-06-15
- Original language: English
- Number of items: 1
- Dimensions: 9.69" h x 1.00" w x 6.48" l, 1.59 pounds
- Binding: Hardcover
- 440 pages



[Download Probability and Finance: It's Only a Game! ...pdf](#)



[Read Online Probability and Finance: It's Only a Game! ...pdf](#)

Editorial Review

Review

"Shafer...and Vovk...explain how probability can be based on game theory rather than measure theory, and how doing so allows it to be used in finance with out a lot of distracting an confusing assumptions about randomness." (*Reference & Research Book News*, November 2001)

"....an interesting new mathematical and philosophical framework for probability..." (*Zentralblatt Math*, Vol.985, No.10, 2002)

"...a creative, entertaining and imaginative book..." (*Short Book Reviews*, August 2002)

"The first half of this truly original book introduces a novel approach to probability, founded on game theory rather than measure theory. In an admirably clear, scholarly and engaging manner, it traces its historical antecedents, expounds its advantages, develops its technicalities, and addresses its philosophical implications. The second half goes on to do the same for financial modelling. This is a book that should utterly change the way we think about its two topics."

Philip Dawid (University College London, UK)

From the Back Cover

A new game-theoretic approach to probability and finance

Probability and Finance presents essential reading for anyone who studies or uses probability. Mathematicians and statisticians will find in it a new framework for probability: game theory instead of measure theory. Philosophers will find a surprising synthesis of the objective and the subjective. Practitioners, especially in financial engineering, will learn new ways to understand and sometimes eliminate stochastic models.

The first half of the book explains a new mathematical and philosophical framework for probability, based on a sequential game between an idealized scientist and the world. Two very accessible introductory chapters, one presenting an overview of the new framework and one reviewing its historical context, are followed by a careful mathematical treatment of probability's classical limit theorems.

The second half of the book, on finance, illustrates the potential of the new framework. It proposes greater use of the market and less use of stochastic models in the pricing of financial derivatives, and it shows how purely game-theoretic probability can replace stochastic models in the efficient-market hypothesis.

About the Author

GLENN SHAFER, PhD, is Professor in the Graduate School of Management at Rutgers University. He is also the author of *The Art of Causal Conjecture*, *Probabilistic Expert Systems*, and *A Mathematical Theory of Evidence*.

VLADIMIR VOVK, PhD, is Professor in the Department of Computer Science at Royal Holloway, University of London.

Users Review

From reader reviews:

Rebecca Morales:

Here thing why this specific Probability and Finance: It's Only a Game! are different and reliable to be yours. First of all looking at a book is good nonetheless it depends in the content of it which is the content is as scrumptious as food or not. Probability and Finance: It's Only a Game! giving you information deeper as different ways, you can find any reserve out there but there is no reserve that similar with Probability and Finance: It's Only a Game!. It gives you thrill looking at journey, its open up your personal eyes about the thing in which happened in the world which is possibly can be happened around you. You can actually bring everywhere like in recreation area, café, or even in your means home by train. For anyone who is having difficulties in bringing the paper book maybe the form of Probability and Finance: It's Only a Game! in e-book can be your choice.

Jacqueline Bull:

The guide untitled Probability and Finance: It's Only a Game! is the reserve that recommended to you to study. You can see the quality of the publication content that will be shown to an individual. The language that article author use to explained their way of doing something is easily to understand. The article writer was did a lot of research when write the book, therefore the information that they share to your account is absolutely accurate. You also might get the e-book of Probability and Finance: It's Only a Game! from the publisher to make you much more enjoy free time.

Bennie Gale:

Do you have something that you like such as book? The e-book lovers usually prefer to opt for book like comic, short story and the biggest the first is novel. Now, why not striving Probability and Finance: It's Only a Game! that give your entertainment preference will be satisfied simply by reading this book. Reading behavior all over the world can be said as the opportunity for people to know world a great deal better then how they react in the direction of the world. It can't be claimed constantly that reading addiction only for the geeky man but for all of you who wants to always be success person. So , for all of you who want to start looking at as your good habit, you can pick Probability and Finance: It's Only a Game! become your own starter.

Shawn Young:

Beside this particular Probability and Finance: It's Only a Game! in your phone, it could give you a way to get closer to the new knowledge or information. The information and the knowledge you may got here is fresh in the oven so don't end up being worry if you feel like an old people live in narrow village. It is good thing to have Probability and Finance: It's Only a Game! because this book offers to your account readable information. Do you occasionally have book but you rarely get what it's exactly about. Oh come on, that will not happen if you have this inside your hand. The Enjoyable option here cannot be questionable, similar to treasuring beautiful island. So do you still want to miss it? Find this book as well as read it from now!

Download and Read Online Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk #KUHC7PRGD2Z

Read Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk for online ebook

Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk books to read online.

Online Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk ebook PDF download

Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk Doc

Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk Mobipocket

Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk EPub

KUHC7PRGD2Z: Probability and Finance: It's Only a Game! By Glenn Shafer, Vladimir Vovk