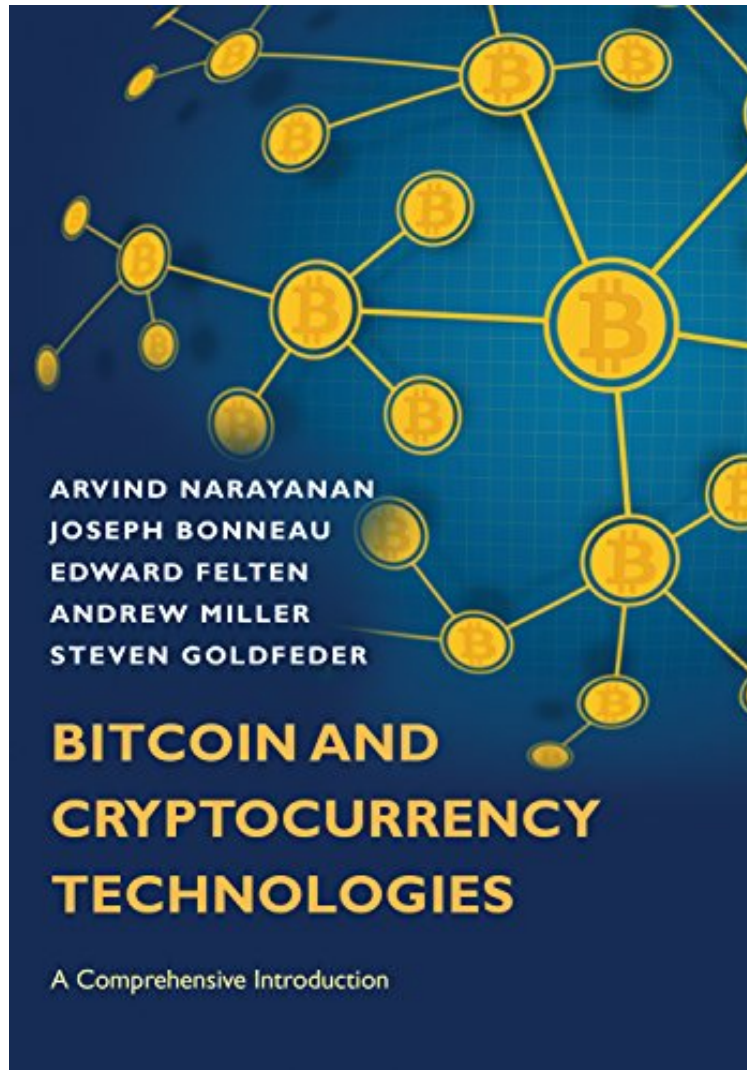


(Read free ebook) Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction

Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction

Arvind Narayanan, Joseph Bonneau, Edward Felten, Andrew Miller, Steven Goldfeder
DOC | *audiobook | ebooks | Download PDF | ePub



#73521 in eBooks 2016-07-19 2016-07-19 File Name: B01GGQJ2XW | File size: 43.Mb

Arvind Narayanan, Joseph Bonneau, Edward Felten, Andrew Miller, Steven Goldfeder : Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction before purchasing it in order to gauge whether or not it would be worth my time, and all praised Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction:

20 of 20 people found the following review helpful. Cuts the buzz to offer insightBy The Headless HorsemanThis book is one of a very few that offer a clear and balanced introduction to what cryptocurrencies are, how they originated, and what the future might hold. This is not a book about bitcoin or the currency exchange markets in crypto, it is a book about the collection of technologies that make up what we now call "the blockchain" and how and why value can be

stored and transferred securely and publicly on these chains. It does not address Ethereum or programmable blockchains in any real way, but it will give you deep foundational understanding about how such a thing can possibly exist. If you care about where networked computational technologies will be going in the next 25 years start here. 0 of 0 people found the following review helpful. Excellent Book for Cryptocurrency Novices By frank eyenga Excellent book if you're looking to get the basic knowledge of Cryptocurrency and blockchain technology. They even have projects that you can download online to get some coding experience. Highly recommended 0 of 0 people found the following review helpful. Great intro to the bitcoin, blockchain, and cryptocurrencies. By emanuele luzio Great intro to the bitcoin, blockchain, and cryptocurrencies. I would like to stress that the material contained in this book is the very same material of the homonymous course in Coursera.

Bitcoin and Cryptocurrency Technologies provides a comprehensive introduction to the revolutionary yet often misunderstood new technologies of digital currency. Whether you are a student, software developer, tech entrepreneur, or researcher in computer science, this authoritative and self-contained book tells you everything you need to know about the new global money for the Internet age. How do Bitcoin and its block chain actually work? How secure are your bitcoins? How anonymous are their users? Can cryptocurrencies be regulated? These are some of the many questions this book answers. It begins by tracing the history and development of Bitcoin and cryptocurrencies, and then gives the conceptual and practical foundations you need to engineer secure software that interacts with the Bitcoin network as well as to integrate ideas from Bitcoin into your own projects. Topics include decentralization, mining, the politics of Bitcoin, altcoins and the cryptocurrency ecosystem, the future of Bitcoin, and more. An essential introduction to the new technologies of digital currency Covers the history and mechanics of Bitcoin and the block chain, security, decentralization, anonymity, politics and regulation, altcoins, and much more Features an accompanying website that includes instructional videos for each chapter, homework problems, programming assignments, and lecture slides Also suitable for use with the authors' Coursera online course Electronic solutions manual (available only to professors)

Honorable Mention for the 2017 PROSE Award in Computing and Information Sciences, Association of American Publishers "For people interested in the inner workings of Bitcoin and other crypto-currencies, this is an excellent book." --Choice "This book provides an outstanding treatment of a complex phenomenon--the rise of cryptocurrency technologies." --Wilko Bolt, Journal of Economic Literature "This book is a very nice introduction to Bitcoin, its structure, how it can be used (and possibly abused), and how it might evolve in the future. . . . The authors have a relaxed tone and this book could easily be incorporated into an undergraduate curriculum." --Jeffrey Putnam, Association for Computing Machinery Computing sFrom the Back Cover "Block chain technology is set to disrupt many different industries. If you want to get up to speed on this fast-moving technology, this book should be your first stop." --Campbell R. Harvey, Duke University "Among this book's many features are lots of nice, concrete examples and pleasant anecdotes, as well as a highly readable and enjoyable history of cryptocurrencies. Strongly recommended." --Tyler Moore, University of Tulsa About the Author Arvind Narayanan is assistant professor of computer science at Princeton University. Joseph Bonneau is a postdoctoral researcher at the Applied Cryptography Group at Stanford University. Edward Felten is director of Princeton's Center for Information Technology Policy. Andrew Miller is a PhD student in computer science at the University of Maryland. Steven Goldfeder is a PhD student in computer science at Princeton.