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Titolo	Cryptocurrencies and Tradable Crypto-Tokens : Introduction to the Sector's Economic Design / / by Ioannis Giannakouros
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Disciplina	332 658.15
Soggetti	Financial engineering Microeconomics Blockchains (Databases) Financial risk management Economics - Computer programs Financial Technology and Innovation Market Structure and Economic Design Blockchain Risk Management Computational Economics
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Chapter1: Foundations of Token Ecosystems -- Chapter2: A new paradigm of economic organization -- Chapter3: Economic value creation in Token ecosystems -- Chapter4: Cryptocurrencies and tradable Crypto Tokens -- Chapter5: The need for Token ecosystem design -- Chapter6: Market design -- Chapter7: Case study in Market design Nexus Mutual -- Chapter8: Mechanism design -- Chapter9: Case study in Mechanism design Lido -- Chapter10: Token design -- Chapter11: Case study in Token design Bumper -- Chapter12: Bonding Function design -- Chapter13: Case study in Bonding Function design: Bancor Carbon -- Chapter14: Case study in End to End design Aave -- Chapter15: Cryptocurrencies and Crypto Tokens in short.
Sommario/riassunto	Can Cryptocurrencies and Crypto-protocols be rigorously analyzed?

Over the past decade the world has witnessed the rapid rise of Cryptocurrencies and Crypto-assets. Yet many financial professionals and students still struggle to confidently engage with these emerging digital instruments. Drawing on deep experience, this book bridges that critical knowledge gap —demystifying the design, risks, and economics of Crypto-protocols and their Tokens. Inside, you'll discover:

- How blockchain ecosystem agents interact with Cryptocurrencies and Crypto-Tokens
- The mechanisms by which Tokens are created, exchanged, stored, and destroyed
- A stable taxonomy of Crypto-Tokens through a traditional finance lens
- How to analyze Token features relevant to valuation, inflation, and property rights
- The connection between Token design and financial or operational risks
- Real-world implementation in major Crypto-protocols
- A practical interpretation of decentralized finance (DeFi)

Designed as both a textbook and a long-term professional reference, this book features over 200 original illustrations and hundreds of up-to-date references. Whether you're a financial advisor, quantitative analyst, auditor, venture capitalist, consultant, regulator, or legal professional, you'll find the principles, tools, and methodology you need for clear, explainable results. Unlock the world of Crypto with clarity and confidence.
