Record Nr. UNINA9911018649103321 Autore Ba Shusong Titolo RWA Tokenisation in Web 3.0 Era // by Shusong Ba, Yang Wang, Haifeng Bai, Haokang Thomas Zhu Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2025 Pubbl/distr/stampa **ISBN** 9789819676637 9789819676620 Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (375 pages) Collana Management for Professionals. . 2192-810X Altri autori (Persone) WangYang BaiHaifeng ZhuHaokang Thomas Disciplina 332 658.15 Soggetti Financial engineering Blockchains (Databases) Financial Technology and Innovation Blockchain Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto The Third Generation of the Internet -- Blockchain Technological Principles and Development History of RWA and Tokenization.-Types of RWA Tokens and Core Elements -- Principles of Token Economics and Ecological Development.-Typical Cases of RWA and Tokenization in Investment and Financing -- Stablecoins — The Bridge Between Digital Assets and the Real World -- Risks, Challenges, and Counter Strategies of RWA and Tokenization -- Summary, Review, and Development Recommendations of RWA and Tokenization. Sommario/riassunto This book strives to comprehensively explain Web 3.0 and tokenization technologies from theory to practice, from concepts to cases, and from

technologies from theory to practice, from concepts to cases, and from opportunities to challenges. Chapter 1 systematically introduces the definition and characteristics of Web 3.0, as well as its impact on traditional investment and financing models, helping readers quickly establish a basic understanding of Web 3.0. Chapters 2, 3, and 4 serve as the theoretical foundation, delving into the blockchain technology principles underpinning tokenization and the economic theories

embedded within, thereby solidifying the necessary knowledge base for readers. On the practical side, Chapters 5 and 6, as typical applications, focus on dissecting the two most core models in tokenization—the various types of RWA and stablecoins. The RWA model innovatively proposes ways to digitize and tokenize RWAs, significantly expanding the application scenarios and boundaries of tokenization. Stablecoins, as a bridge connecting the digital and real worlds, play a crucial role in promoting the prosperity of the tokenization ecosystem. Through detailed case studies and thorough analysis, this book enables readers to clearly understand how tokenization operates and the pathways to its implementation. However, the development of tokenization is not without obstacles; it also faces numerous risks and challenges. Chapters 7 and 8 adopt a cautious approach to discuss potential issues in regulation and social impact, objectively analyzing the resistances and limitations it faces, and proposing strategies and development recommendations. Only in this way can the development of tokenization become healthier and more sustainable.