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Nota di contenuto	Part 1: Digital currency and Bitcoin. Section 1: Bitcoin and alternative cryptocurrencies. Introduction to Bitcoin / Lam Pak Nian, David Lee Kuo Chuen ; Is Bitcoin a real currency? An economic appraisal / David Yermack ; Bitcoin mining technology / Nirupama Devi Bhaskar, David Lee Kuo Chuen ; National cryptocurrencies / Andras Kristof ; Evaluating the potential of alternative cryptocurrencies / Bobby Ong, Teik Ming Lee, Guo Li, David Lee Kuo Chuen -- Section 2: E-payment and security. The effect of payment reversibility on e-commerce and postal quality / Christian Jaag, Christian Bach ; Blockchain and digital payments : an institutionalist analysis of cryptocurrencies / Georgios Papadopoulos ; Counterfeiting in cryptocurrency: an emerging problem / Ralph E. McKinney, Jr., Lawrence P. Shao, Duane C. Rosenlieb, Jr., Dale H. Shao -- Section 3: Big data and network effect. Emergence, growth, and sustainability of Bitcoin : the network economics perspective / Ernie G.S. Teo ; Cryptocurrencies as distributed community experiments / Matthias Tarasiewicz, Andrew Newman ; Extracting market-implied Bitcoin's risk-free interest rate / Nicolas Wesner ; A

microeconomic analysis of Bitcoin and illegal activities / Tetsuya Saito -- Part 2: Finance markets and Bitcoin. Section 4: Regulation and taxation. Legal issues in cryptocurrency / Vrajlal Sapovadia ; How to tax Bitcoin? / Aleksandra Bal ; Cryptocurrency and virtual currency : corruption and money laundering/terrorism financing risks? / Kim-Kwang Raymond Choo ; A light touch of regulation for virtual currencies / Lam Pak Nian, David Lee Kuo Chuen ; Real regulation of virtual currencies / Richard B. Levin, Aaron A. O'Brien, Madiha M. Zuberi ; A facilitative model for cryptocurrency regulation in Singapore / Jonathan W. Lim -- Section 5: Financial innovation and Internet of money. Advancing egalitarianism / Gavin Wood, Aeron Buchanan ; How digital currencies will cascade up to a global stable currency : the fundamental framework for the money of the future / Gideon Samid ; Bitcoin-like protocols and innovations / Ignacio Mas, David Lee Kuo Chuen ; Blockchain electronic vote / Pierre Noizat ; Translating commons-based peer production values into metrics : toward commons-based cryptocurrencies / Primavera De Filippi ; The confluence of Bitcoin and the global sharing economy / Alyse Killeen ; What does cryptocurrency mean for the new economy? / David G.W. Birch ; Bitcoin : a look at the past and the future / Anton Cruysheer -- Section 6: Investments and crowdfunding. Bitcoin IPO, ETF, and crowdfunding / Nirupama Devi Bhaskar, Lam Pak Nian, David Lee Kuo Chuen ; Bitcoin exchanges / Nirupama Devi Bhaskar, David Lee Kuo Chuen.

Sommario/riassunto

Incorporating currencies, payment methods, and protocols that computers use to talk to each other, digital currencies are poised to grow in use and importance. The Handbook of Digital Currency gives readers a way to learn about subjects outside their specialties and provides authoritative background and tools for those whose primary source of information is journal articles. Taking a cross-country perspective, its comprehensive view of the field includes history, technicality, IT, finance, economics, legal, tax and regulatory environment. For those who come from different backgrounds with different questions in mind, The Handbook of Digital Currency is an essential starting point. 1. Discusses all major strategies and tactics associated with digital currencies, their uses, and their regulations. 2. Presents future scenarios for the growth of digital currencies. 3. Written for regulators, crime prevention units, tax authorities, entrepreneurs, micro-financiers, micro-payment businesses, cryptography experts, software developers, venture capitalists, hedge fund managers, hardware manufacturers, credit card providers, money changers, remittance service providers, exchanges, and academics.
