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Nota di contenuto	Cover Page -- Title Page -- Copyright Page -- Contents -- About the Author -- Acknowledgments -- List of Acronyms -- Introduction: How to Use This Book -- Unlocking the Metaverse -- The Method Behind This Book -- Who is this Book For? -- The Book Road Map -- Chapter 1 Definitions -- Metaverse -- Digital Twin -- Virtual Worlds -- Blockchain -- Fungible Token (FT) -- Non-fungible Token (NFT) -- Smart Contracts -- Tokenomics -- GPT -- Chapter 2 Digital Twins, Virtual Worlds, and the Metaverse -- Digital Twins -- Gaming -- Monetization -- Virtual Worlds -- Reality Capture and Motion Capture -- Chase Olson - Reality Capture -- Avatars -- Avatar Interface -- Avatars as Metahumans/Humanoids (MoCap) -- NPCs as Reference Oracles -- Virtual Worlds in the Metaverse Examples -- Cybersecurity and Safety -- Metaverse -- Industrial Metaverse -- Chapter 3 Metaverse Mechanisms and Solutions -- Blockchain -- Workflows -- Capital Asset Delivery Using Smart Contracts Workflow -- Construction Documents as the Digital DNA of the Built Environment -- Ethereum blockchain -- Digital Twin -- Geo Location and Workflow -- Facility Management -- Challenges -- Governance in a Decentralized Digital Environment -- Cybersecurity -- Trust -- Data -- Avatars -- Smart Contracts -- Value Propositions -- Increased Efficiency -- Improved Data Collection and Analysis -- Accurate and Trusted Facility Data and

Information -- Tokenomics -- Woven Collisions: NFTs and the Metaverse -- LOE -- Real-Estate-Backed Digital Asset Securities -- Web 3 -- AI -- GPT -- ChatGPT Model -- Chapter 4 The Crystal Ball -- Scarcity and Abundance -- Edge Computing -- Censorship -- Thought Leader Interviews -- Damon Hernandez - The Metaverse -- Hugh Seaton - Data -- Cody Nowak - Process -- Arol Wolford - The Industry's Future -- Conclusion -- Index -- EULA.

Sommario/riassunto

"Unlocking the Metaverse: A Strategic Guide for the Future of the Built Environment is a playbook for AEC professionals for the successful implementation of Metaverse technology and solutions. Written by an award-winning, world-renowned authority on AEC technology and innovations, Paul Doherty offers pragmatic, immediate solutions at the strategic and project levels of several key areas including construction documents and drawings, specifications, smart contracts, blockchain, machine learning, artificial intelligence, and much more. Ideal for professionals in architecture, engineering, and construction, this book also includes access to supplementary content and continuous learning through the book's Metaverse environment"--
