

1. Record Nr.	UNINA9911002563703321
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Titolo	Sharding Blockchain: Fundamentals and Applications // by Yizhong Liu, Dongyu Li, Jianwei Liu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9636-86-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XVIII, 335 p. 93 illus., 58 illus. in color.)
Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Building Blocks of Sharding Blockchain Systems -- Shard Reconfiguration Protocol Realizing Fairness -- Shard Reconfiguration Protocol Against Proof-of-Work Solution Withhold Attack -- Secure and Scalable Sharding Blockchain Utilizing Aggregation-Supported Multi-Signature -- Secure and Scalable Sharding Blockchain with a Formal Security Framework -- Secure and Scalable Sharding Blockchain Based on Cross-Shard Byzantine Fault Tolerance -- Sharding Blockchain Application in Cross-Domain Data Sharing Under Zero-Trust Cloud-Edge-End Environments -- Sharding Blockchain Application in Cross-Domain Authentication Management System -- Sharding Blockchain Application in Consensus Control and Formation Flying of Intelligent Systems.
Sommario/riassunto	This book presents a novel approach by decoupling the various modules of sharding blockchains and providing detailed insights into the functions and design methodologies of each key module. Previous sharding blockchain solutions suffered from tight coupling between functional modules, making it challenging to achieve optimal security, performance, and scalability. Building upon this foundation, the authors present a universal composable method for composing sharding blockchains in a flexible manner. Additionally, the authors

propose a novel shard member configuration method that leverages proof-of-work and verifiable distributed randomness to guarantee that each shard maintains a sufficient proportion of honest nodes, preventing it from falling below the safety threshold. Furthermore, the authors offer a complete design methodology for creating secure and scalable sharding blockchains. This includes reducing the complexity of intra-shard transaction processing through aggregation-supported multi-signature. The authors ensure optimal sharding of computational, communication, and storage resources within a formal security framework. To facilitate flexible cross-shard transaction processing, the authors introduce a new cross-shard Byzantine fault tolerance protocol. Lastly, the authors explore practical applications of sharding blockchains in typical scenarios. In the context of zero-trust cloud-edge-end scenarios, the authors demonstrate how sharding blockchains enable scalable data cross-shard sharing. Simultaneously, the authors design a secure and universally applicable cross-domain device authentication scheme.

2. Record Nr.	UNINA9910959019103321
Titolo	Utopic dreams and apocalyptic fantasies : critical approaches to researching video game play // edited by J. Talmadge Wright, David G. Embrick, and Andras Lukacs
Pubbl/distr/stampa	Lanham, Md., : Rowman & Littlefield Publishers, c2010
ISBN	979-82-16-30523-1 1-282-92187-8 9786612921872 0-7391-4702-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (424 p.)
Altri autori (Persone)	WrightJ. Talmadge EmbrickDavid G LukacsAndras
Disciplina	794.8
Soggetti	Video games - Social aspects Video games industry - Social aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>Acknowledgments; chapter One; Introduction; J. Talmadge Wright, David G. Embrick, and Andra s Luka cs; part i; Modern Play and Technology-Defining Digital Play; chapter two; Play and Cultural Transformation-Or, What Would Huizinga Think of Video Games?; Thomas S. Henricks; chapter three; "Is He 'Avin a Laugh?": The Importance of Fun to Virtual Play Studies; Ken S. McAllister and Judd Ethan Ruggill; chapter four; Capitalism, Contradiction, and the Carnavalesque: Alienated Labor vs. Ludic Play; Lauren Langman and Andra s Luka cs; chapter five</p> <p>Sneaking Mission: Late Imperial America and Metal Gear SolidDerek Noon and Nick Dyer-Witheford; chapter six; I Blog, Therefore I Am: Virtual Embodiment and the Self; Alanna R. Miller; part ii; Marketing Culture and the Video Game Business; chapter seven; Marketing Computer Games: Reinforcing or Changing Stereotypes?; Paul R. Ketchum and B. Mitchell Peck; chapter eight; Censoring Violence in Virtual Dystopia: Issues in the Rating of Video Games in Japan and of Japanese Video Games Outside Japan; William H. Kelly; chapter nine</p> <p>Coding Culture: Video Game Localization and the Practice of Mediating Cultural DifferenceRebecca Carlson and Jonathan Corliss; part iii; Researching Video Game Play; chapter ten; Beyond "Sheeping the Moon"-Methodological Considerations for Critical Studies of Virtual Realms; Andra s Luka cs; chapter eleven; The Chorus of the Dead: Roles, Identity Formation, and Ritual Processes Inside an FPS Multiplayer Online Game; Nicolas Ducheneaut; chapter twelve; The Quantitative-Qualitative Antinomy in Virtual World Studies; Samuel Coavoux; part iv; Summary and Conclusions; chapter thirteen</p> <p>Virtual Today, Reality Tomorrow: Taking Our Sociological Understanding of Virtual Gameplay to the Next LevelAndra s Luka cs, J. Talmadge Wright, and David G. Embrick; About the Contributors</p>
Sommario/riassunto	Utopic Dreams and Apocalyptic Fantasies invites us to examine critical questions about video game play, pleasure, and fantasy from a sociological perspective.