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Nota di contenuto	Introduction -- DeepFex: Detecting Deepfakes in the Digital Age -- Blockchain Technology Overview -- Federated Learning Basics -- Integrating Blockchain with Federated Learning -- Privacy and Security in DeepFex Solutions -- Real-World Applications and Use Cases -- Challenges, Ethics, and Regulatory Perspectives -- Future Directions -- Conclusion.
Sommario/riassunto	This book highlights the transformative synergy between Blockchain and Federated Learning in developing privacy-focused solutions for DeepFex. By leveraging the decentralized nature of blockchain

alongside the privacy-preserving capabilities of federated learning, it offers a novel approach to combating the growing challenges of deepfake technology. The integration of these two cutting-edge technologies ensures data security, model integrity, and transparent collaboration, making it possible to detect and mitigate deepfakes in a scalable, ethical, and decentralized manner.