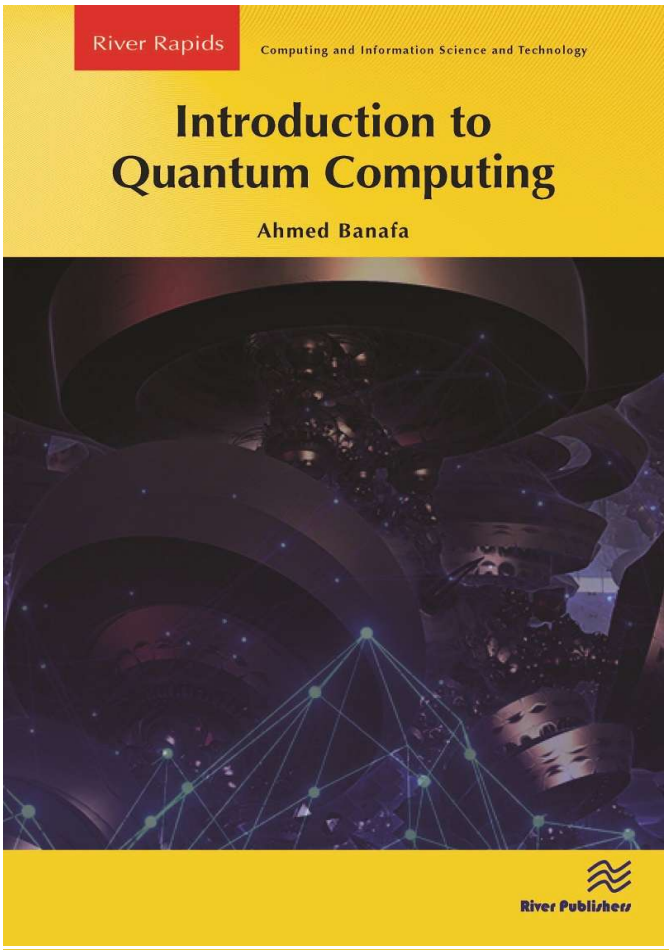
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# Introduction to Quantum Computing

**Author:** Ahmed Banafa, Stanford University, USA

This book explores quantum computing as a transformative technology and its applications in cryptography, teleportation, IoT, AI, and Blockchain, and the futurist concept of quantum internet. It explains the fundamentals of quantum computing and how it's different from classic computing, also the challenges facing quantum computing will be discussed, in addition to types of quantum computing, will be introduced and explained. The concept and types of Qubit and its implications on quantum computing applications will be explained.




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