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### Sommario/riassunto

This book explores the integration of quantum computing into drug delivery systems, aiming to revolutionize the pharmaceutical industry by enhancing drug discovery processes. Edited by experts Rishabha Malviya, Sonali Sundram, and Dhanalekshmi Unnikrishnan, it discusses quantum computational concepts, methodologies, and their applications in drug design and delivery. The book covers various topics including quantum algorithms, nano-based therapeutics, carbon nanotube drug delivery systems, and the challenges and prospects of quantum computing in pharmaceuticals. It serves as a comprehensive resource for researchers and professionals in the fields of pharmacy, biotechnology, and computer science, providing insights into the potential of cutting-edge technologies in improving therapeutic outcomes.

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