

Springer

1st
edition1st ed. 2021, XVI, 229 p. 64
illus., 13 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-030-62937-3

£ 64,99 | CHF 91,00 | 76,99 € |

84,69 € (A) | 82,38 € (D)

Available

Discount group

Science (SC)

Product category

Monograph

SeriesFoundations in Signal Processing,
Communications and Networking**Engineering : Communications Engineering, Networks**

Bassoli, R., Boche, H., Deppe, C., Ferrara, R., Fitzek, F.H.P., Janssen, G., Saeedinaeeni, S.

Quantum Communication Networks

- Provides a complete tutorial in quantum communication networks,
- Links together quantum networking, quantum information theory, quantum computing, and quantum simulation,
- Shows how the problems of computing latency and energy consumption can be addressed by hybrid classical-quantum communication networks.

This book provides a tutorial on quantum communication networks. The authors discuss current paradigm shifts in communication networks that are needed to add computing and storage to the simple transport ideas of prevailing networks. They show how these 'softwarized' solutions break new grounds to reduce latency and increase resilience. The authors discuss how even though these solutions have inherent problems due to introduced computing latency and energy consumption, the problems can be solved by hybrid classical-quantum communication networks. The book brings together quantum networking, quantum information theory, quantum computing, and quantum simulation.

Order online at [springer.com/booksellers](https://www.springer.com/booksellers)**Springer Nature Customer Service Center GmbH**

Customer Service

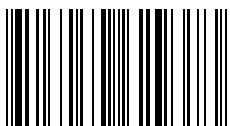
Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com



ISBN 978-3-030-62937-3 / BIC: TJK / SPRINGER NATURE: SCT24035

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**