Reading list for Quantum Electronics and Quantum Optics, TSIT12, 2026

Compulsory literature

Books

Nielsen, Michael A., Chuang, Isaac L., (2010) *Quantum computation and quantum information* New ed., 10th anniversary ed. Cambridge : Cambridge University Press, 2010
ISBN: 9781107002173, 1107002176

Additional literature

Books

B. E. A. Saleh and M. C. Teich, (2007) *Fundamentals of Photonics* 2nd edition Wiley
ISBN: 978-0-471-35832-9

Colin P. Williams, (2011) *Explorations in Quantum Computing* 2 Springer
ISBN: 978-1-4471-6801-0

M. Fox, (2006) *Quantum Optics: An Introduction* Oxford University Press
ISBN: 978–0–19–856672–4

Articles

Selected scientific papers

Compendia

Iryna Yakymenko, Lecture Notes on Quantum Computers
Selected lectures.