

Supplementary Reading List 3

Fall 2004

Date: Wednesday, December 8, 2004

References:

- Binary Optical Communication with Squeezed-State Light:
 - J.H. Shapiro, H.P. Yuen, and J.A. Machado Mata, “Optical communication with two-photon coherent states—part II: photoemissive detection and structured receiver performance,” *IEEE Trans. Inform. Theory*, **IT-25**, 179 (1979).
 - Squeezed-State Interferometry
 - C.M. Caves, “Quantum-mechanical noise in an interferometer,” *Phys. Rev. D* **23** 1693 (1981).
 - R.S. Bondurant and J.H. Shapiro, “Squeezed states in phase sensing interferometers,” *Phys. Rev. D* **30**, 2548 (1984).
 - Super-Dense Coding
 - M.A. Nielsen and I.L. Chuang, *Quantum Computation and Quantum Information* (Cambridge University, Cambridge, 2000) Sec. 2.3.
 - Quantum Lithography
 - A.N. Boto, P. Kok, D.S. Abrams, S.L. Braunstein, C.P. Williams, and J.P. Dowling, “Quantum interferometric optical lithography: exploiting entanglement to beat the diffraction limit,” *Phys. Rev. Lett.* **85**, 2733 (2000).
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