
Phys 250 Quantum Optics, Homework #5

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Due Thurs. Nov. 5 at 6PM

Read *Introductory Quantum Optics*, Chapter 6 and *The Physics of Quantum Information* by D. Bouwmeester, A. Ekert and A. Zeilinger, Chapter 3, Sections 1, 2, 3 and 9.

1. Problem 6.1 (from *Introductory Quantum Optics*)
2. Problem 6.2
3. Problem 6.6
4. Problem 6.8
5. Problem 6.11

You may hand in the homework in groups of 2 or 3.