

**PHYS 7895 Fall 2015**  
**Introduction to Quantum Information Theory**  
**Homework 5**

**Due Monday 16 November 2015, by 3pm in Nicholson 447**

(You are allowed to work with no more than two collaborators as long as you write down who your collaborators are. No late assignments will be accepted. Please be sure to download the latest version of the notes before starting the homework.)

Exercises in <http://www.markwilde.com/qit-notes.pdf>:

13.2.4, 13.4.4, 13.5.2, 20.3.5, 20.4.1, 20.4.2, 20.4.3, 21.2.1