

Physics 482-01 and 690-01: Quantum Optics & Atomics  
Due date: Thursday, February 1, 2024

## **Problem Set #1**

### **A First Look at Coherence**

#### **1. Hanbury-Brown and Twiss Experiment**

Write a 1-page essay (double-spaced) summarizing the Hanbury-Brown and Twiss paper and the associated letter by E. Purcell – you may choose to concentrate on one or two aspects of the papers rather than the entire papers.