

## CHAPTER 8: INTERFERENCE

### Reading:

Chapter 8 of Blandford and Thorne.

### Problems

A. Do:

1. Exercise 8.2 Lateral coherence of solar radiation, or
2. Exercise 8.4 Longitudinal coherence of heavy metal rock music

B. Do: Exercise 8.7 Complex random processes

C. Do:

1. Exercise 8.5 Microwave background radiation, or
2. Exercise 8.8 Interferometry from space

D. Do:

1. Exercise 8.10 Antireflection coating, or
2. Exercise 8.13 Electron intensity interferometer