

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:

1. Exercise 8.7 Complex random processes, or
2. Exercise 8.9 Reciprocity relations for locally planar optical device

C. Do:

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

D. Do:

1. Exercise 8.11 Antireflection coating, or
2. Exercise 8.14 Electron intensity interferometer