

Signal Compression (ECE 242)
Gibson

February 19, 2008
Handout #11

Homework No. 5

Due: February 26, 2008

1. Problem 8.1 on page 252 of the text.
2. Problem 8.3 on page 252 of the text. Prove this in two ways: (1) The Lagrange multiplier approach used in class and (2) the arithmetic mean/geometric mean approach used in the text.