Instructor: **Dr. James W. Hong**	**Computer Science** **CS357b** **Assignment 2**	**Due: Noon** **Friday** **Februrary 10, 1995**

Assume the following for this assignment:

- 1 kHz = 1000 Hz
- 1 MHz = 1000 kHz
- 1 kbps = 1000 bps
- 1 Mbps = 1000 kbps

Note that hand-written answers will not be accepted. All answers must be typed, typesetted or word-processed. Figures, if any, may be hand-drawn.

1. Problem 2.9 (page 88). `[3 marks]`
2. Problem 2.13 (page 89). `[3 marks]`
3. Problem 3.10 (page 129). `[3 marks]`
4. Problem 4.16 (page 163). `[4 marks]`
5. Problem 6.12 (page 228). Assume that the bandwidth for a voice signal is 4 kHz. `[5 marks]`
6. Problem 5.7 (page 198). `[5 marks]`
7. Problem 5.18 (page 201). `[7 marks]`