

Homework 3: Due Thursday 10/15 (5pm) (ext. to 10/19 by rqst)

1. (5 pts.) Text, Chapter 3, Problem 13.
2. (10 pts.) Text, Chapter 3, Problem 14. (Please assume $\bar{P}_r = 10\text{dBm}$, $N = 0\text{dBm}$, and $T = 10\mu\text{s}$.)
3. (12 pts.) Text, Chapter 3, Problem 15.
4. (12 pts.) Text, Chapter 3, Problem 16.
5. (4 pts.) Text, Chapter 4, Problem 2.
6. (12 pts.) Text, Chapter 4, Problem 5.
7. (15 pts.) Text, Chapter 4, Problem 7.

(Total 70 pts.)