Homework Set #3

> The intention is that you do the exercises yourself. Oral discussion (without using pen/paper) between students is allowed, but the solution should be written down individually.
> The homework must be submitted one day before each tutorial session either on paper (before 6 PM) or via email (before mid night).
> Every correctly solved problem gives 1 point, partially correct gives 0.5 point, mostly wrong 0 point.

Numbers below refer to problems in the text book: Amos Lapidoth, "A Foundation in Digital Communication".

1. Exercise 17.1 (Hint: Use polar coordinate system.)

2. Exercise 17.2

3. Exercise 17.7

4. Exercise 17.12

5. Exercise 18.2

6. Exercise 18.6

7. Exercise 18.8

8. Exercise 19.7

9. Exercise 19.11

Solutions due November 24, 2016
Instructor: Tobias J. Oechtering, Email: oech@kth.se,
Assistant: Minh Thanh Vu, Email: mtvu@kth.se