Review Chapter 4, Sections 4.3-4.7, from Stark and Woods. Then review pages 60-64, 71 and 81-82 from Prof. Papamarcou’s notes. In particular, make sure you are comfortable with various moments of a random variable, its moment generating function and characteristic function — which are all expectations of various functions of the random variable — and the use of these expectations to bound the so called “tail probabilities” of random variables.

5. Solve problem 4.31 from Stark and Woods.

Finish reading Chapter 3 from Stark and Woods after finishing the homework. We will go through it very quickly in class.