

6.263 Data Communication Networks, Problem Set 3

Fall 2005

Due date: October 4.

1 Reading

Sections 3.1 through 3.4 in Bertsekas and Gallager
Paper readings on the web

2 Exercises.

Problem 1.
Problem 3.4 in Bertsekas and Gallager.

Problem 2.
Problem 3.23 in Bertsekas and Gallager.

Problem 3.
Problem 3.35 in Bertsekas and Gallager.

Problem 4.
Using the transform version of P-K, derive the P-K formula for the mean waiting time.