BU CLA CS 530: Analysis of Algorithms

Spring 1996

Problem Set 8

Due Thursday 96.03.21, at 11:00 am, in class. Late submissions not accepted.

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1. Exercise 28.1-7, page 639, in [CLR].

2. (a) Exercise 28.2-2, page 641, in [CLR].
   (b) Generalize your argument in part (a) to show that, in order to test whether a given n-element permutation is correctly sorted by an n-input comparison network, it suffices to test the network on $n-1$ sequences of 0's and 1's.

3. Exercise 28.5-1, page 650, in [CLR].

Created: 96.03.14