

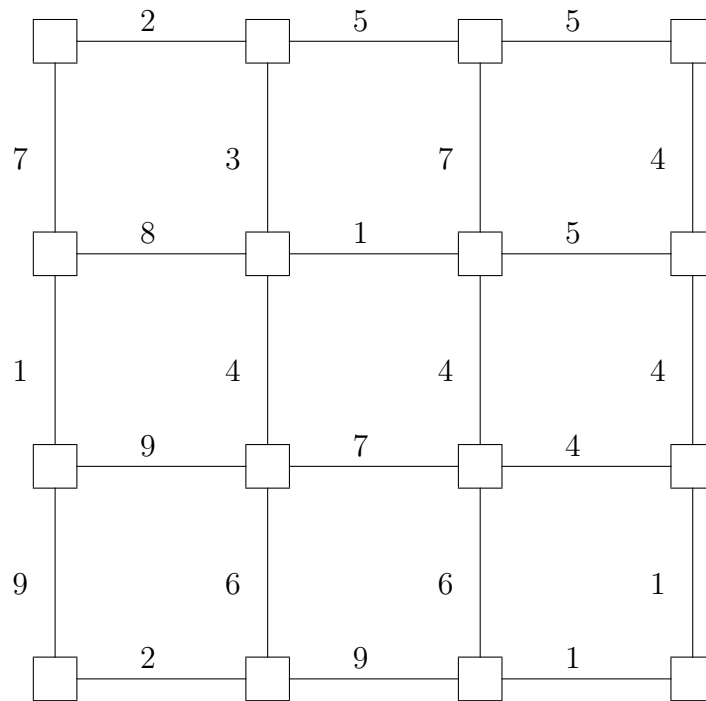
CSCI-665 Foundations of Algorithms

MST Homework

due Thursday, April 6, 2017

Reading Chapter 23

1. For the graph on this page find the minimum spanning tree using Prim's algorithm, starting with the top-left vertex. Highlight (on the picture of the graph) the tree that you find, and number the vertices in the order in which they were added to the MST.



2. For the graph on this page find the minimum spanning tree using Kruskal's algorithm. Highlight (on the picture of the graph) the tree that you find, and number the edges in the order in which they were added to the MST.

