

**Name:**

**MA 515 – Homework 10**  
**Due Mon, Nov 24<sup>th</sup>**

Your answers should be detailed explanations written neatly in quality mathematical English.

**Problems from J. Lee's book:**

Page 76, Exercise (Bellman-Ford Algorithm)

Page 77, Problem (Minimum-weight dipaths by linear programming)

Page 79, Exercise (Dijkstra's Algorithm)

Page 81, Problem (Recovering the paths with Dijkstra's algorithm)