

**Assignment #7**

**Assignment** due in lecture on Friday, Feb. 28:

**To do but not hand in:**

V-10;

X-1.

**To hand in:**

N-9, done as described below;

X-2, X-5, X-8, X-11;

AA-2.

For N-9: Use an appropriate “without loss of generality” assumption at the beginning, and later construct inverse isotone maps. (You may need the easy fact that closed sets in a compact space are compact.)