CS344: HW6

November 16, 2017

- Out Nov 16, Due week of Nov 27. Hand it to your TAs at the beginning of the recitation. No late homeworks please.
- Problem 22.2-8 page 602.
- Problem 22.3-5, Page 611.
- Problem 22.3-13 Page 612.
- Problem 24.3, page 679.
- Given a directed graph $G = (V, E)$, its transitive closure is $G^* = (V, E^*)$ where $(i, j) \in E^*$ if and only if there is a directed path from i to j in G. Design an algorithm to find the transitive closure of G. How much is the running time?