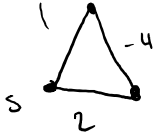


Lec 11/14

Tuesday, November 14, 2017 12:34



Bridge

for any flow, value of flow = flow across cut.

runtime of Ford-Fulkerson: $O(|E| |f^*|)$
(pseudopolynomial)

Edmonds-Karp: find shortest path instead of any.

$$O(VE^2)$$

Critical edges get removed.

So it runs at most E times.