CS 7280-03 Special Topics on Visualization in Network Science
Lecture 6

Professor Cody Dunne

https://codydunne.github.io/cs7280-f16/
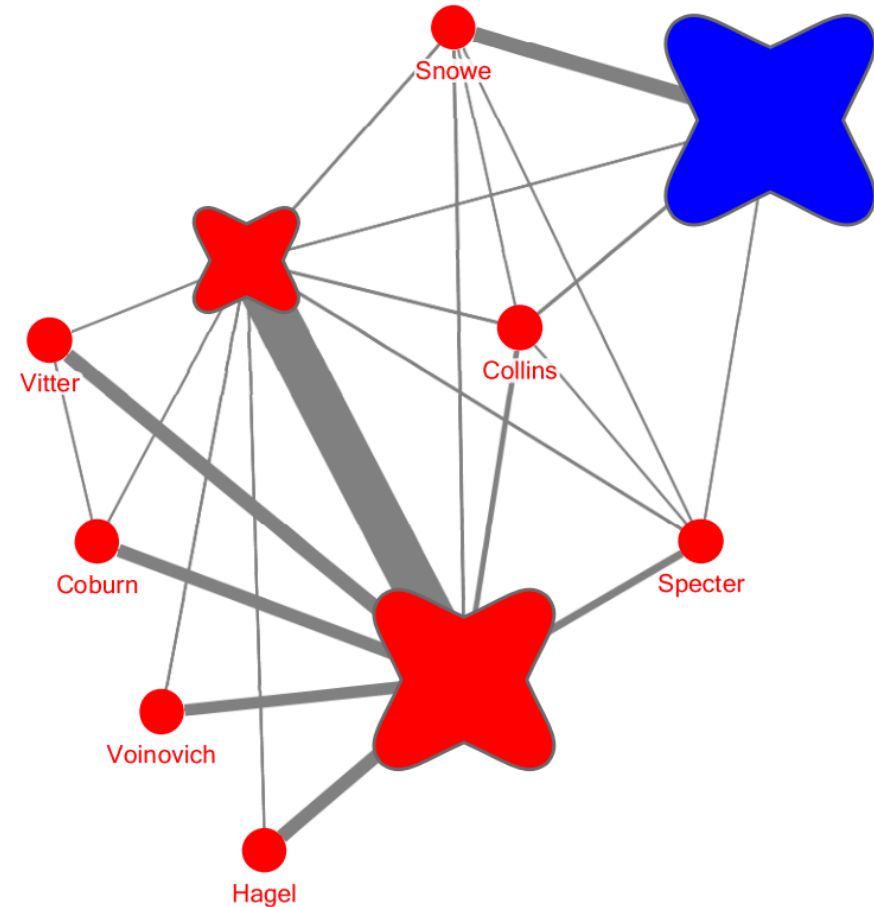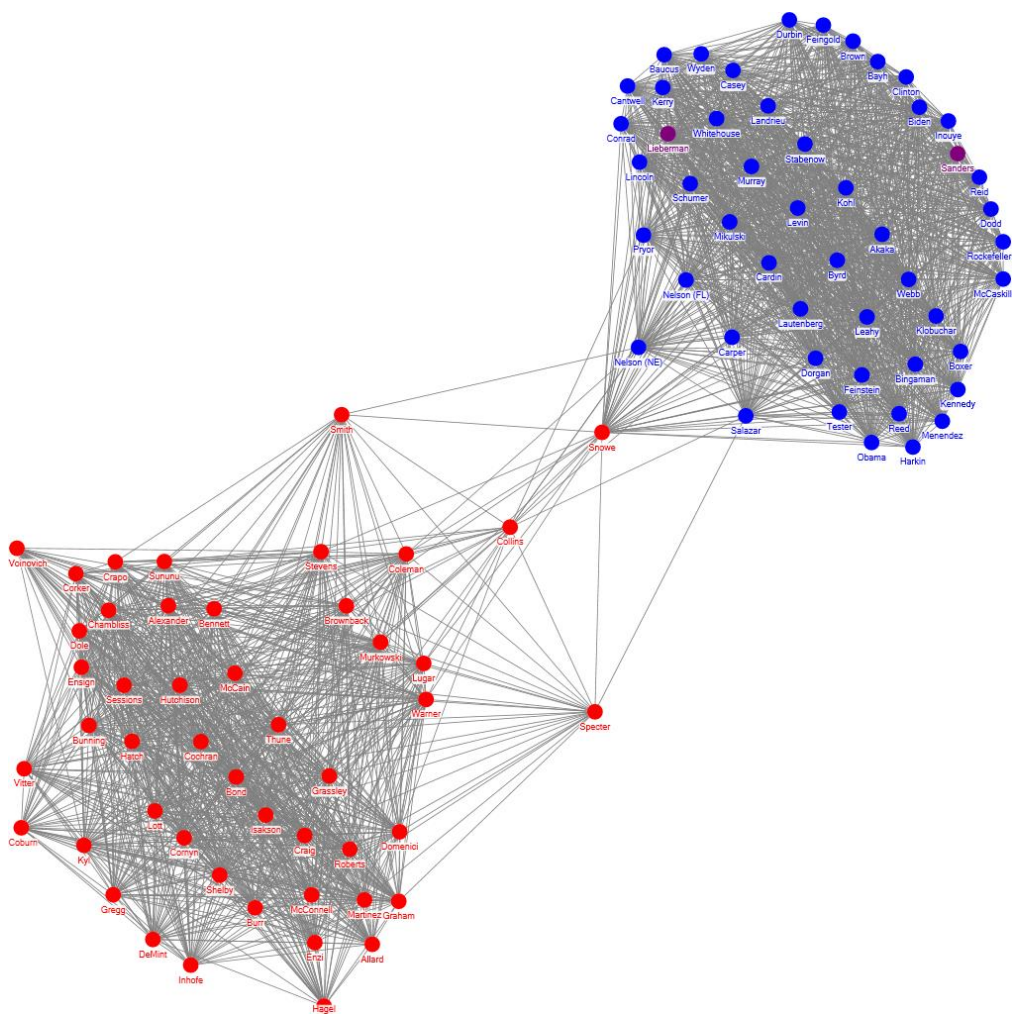
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Poll: The goal of our class time

I want to spend my class time to...

1. ...dive deep into algorithms to learn a handful of things well, at the cost of learning about fewer techniques overall.

2. **...learn a few representative algorithms in depth so I gain intuition, but see a broad range of techniques that I can dig into if necessary.**

3. ...explore and critique as many techniques as possible, so I have a big picture of the options I can draw from for my own projects.

Poll: Implementations

I want to spend my programming time implementing homeworks

Result: Some implementation homeworks

HW2 Presentation Order

- Leo & Brennan – Cytoscape & C.elegans
- Syed – D3 & the dolphin social network
- Xindi & Sarah – Tulip & the network scientist coauthor network
- *Thurs.:* Danielle & Dan – R Studio Shiny & the NCAA '15 football bracket

Projects

https://codydunne.github.io/cs7280-f16/project
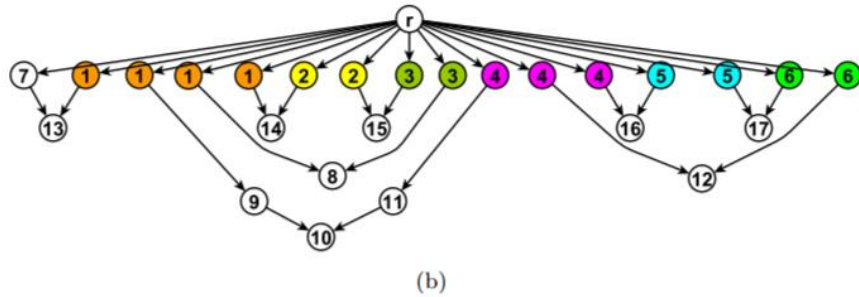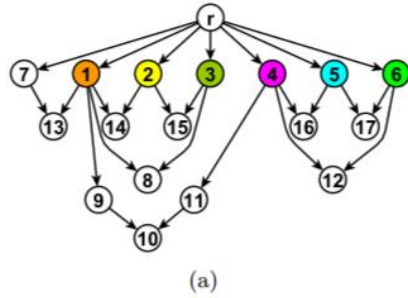
DAGmaps

Fig. 7. Transformation of a galled network (a) to a galled tree (b).
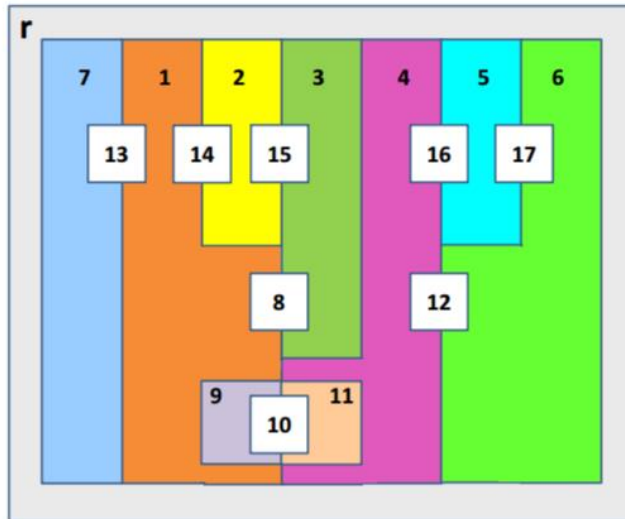

Fig. 8. The DAGmap drawing of the galled network of Figure 7(a) produced by Algorithm 3.

Tollis & Kakoulis, 2016