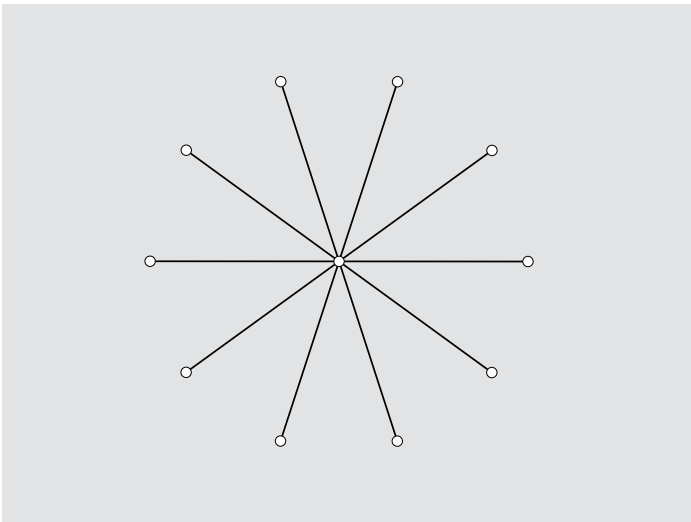


# Network Topologies

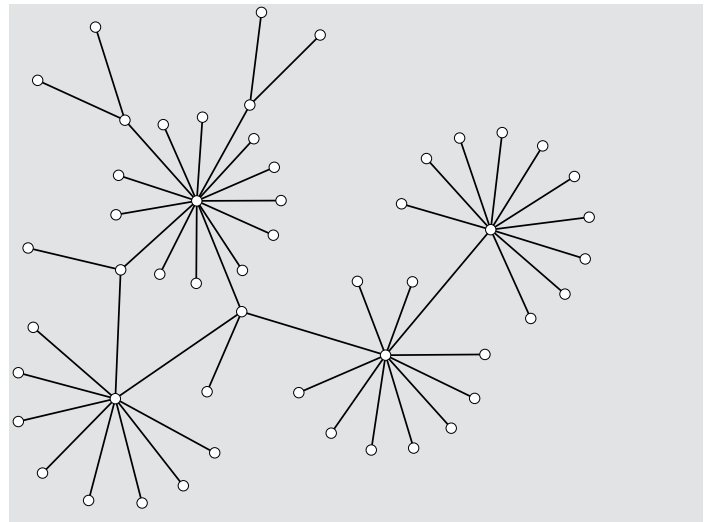
Network topology is the study of the arrangement or mapping of the elements (nodes, edges, etc.) of a network. The arrangement or mapping of the elements of a network gives rise to certain basic topologies such as centralized, decentralized, distributed, tree, or fully connected. They can be dense or sparse, in a core-periphery layout, show “small world” or “scale-free” network behavior. This document shows examples of such topologies.

Creative Networking Course Syllabus

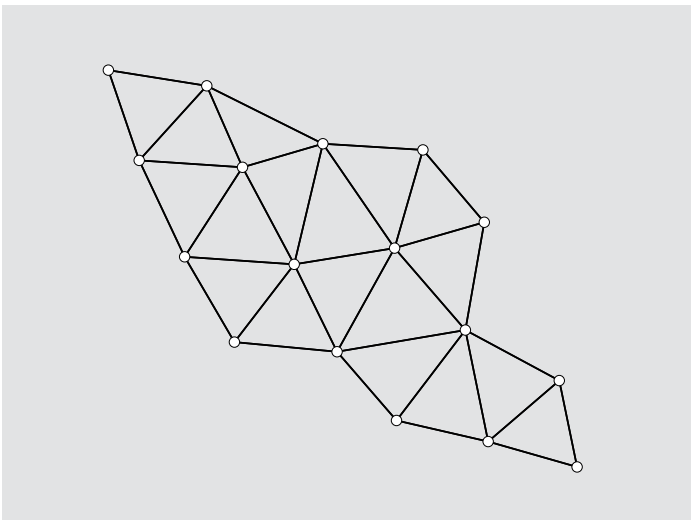
<http://blog.burak-arikan.com/courses/creative-networking/>



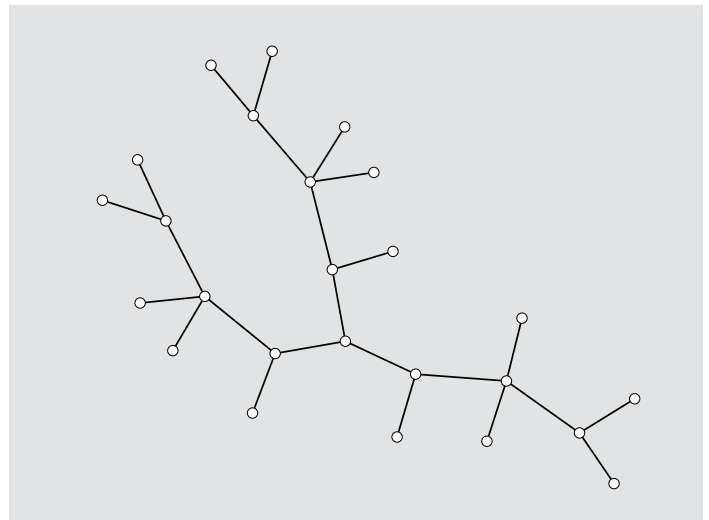
Centralized



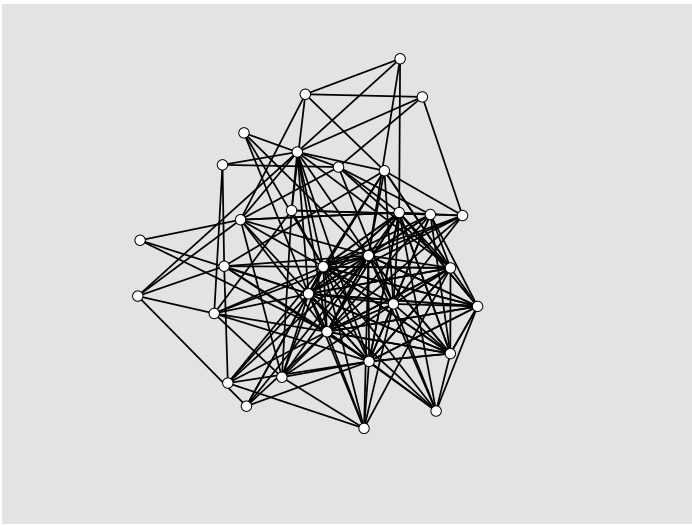
Decentralized



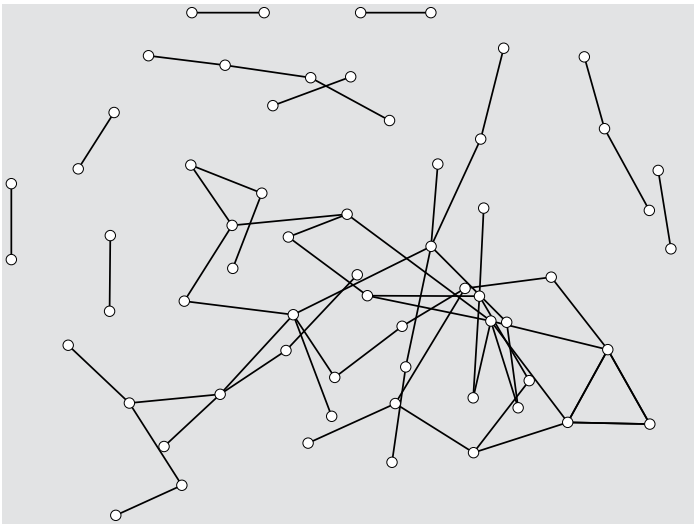
Distributed



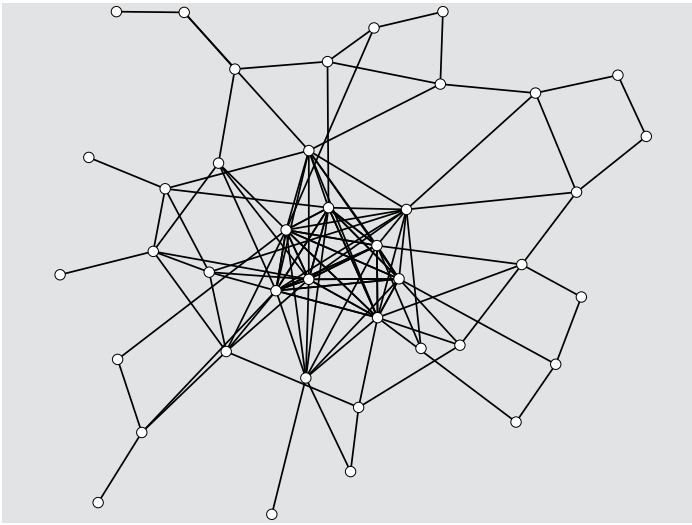
Tree



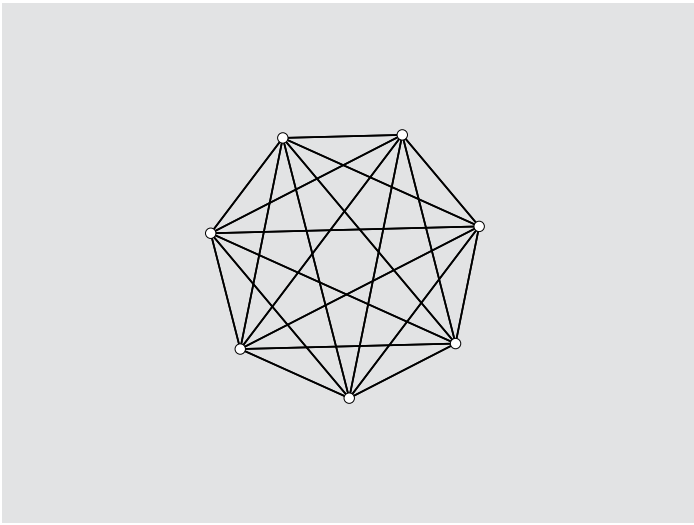
Dense



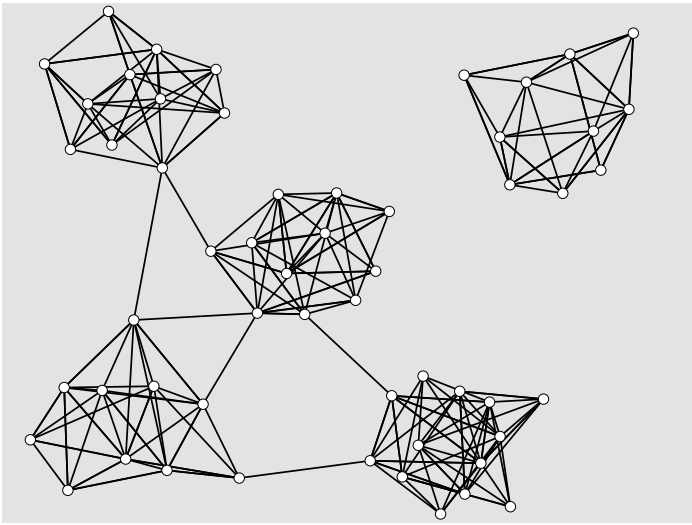
Sparse



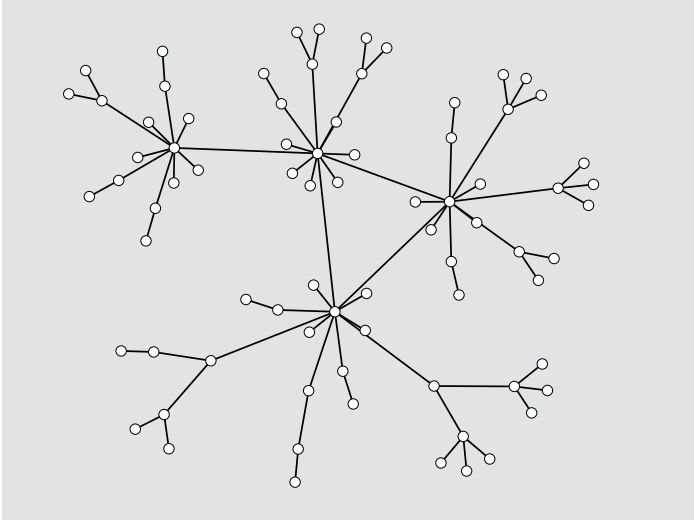
Core-periphery



Fully connected



“Small World”



“Scale-free”