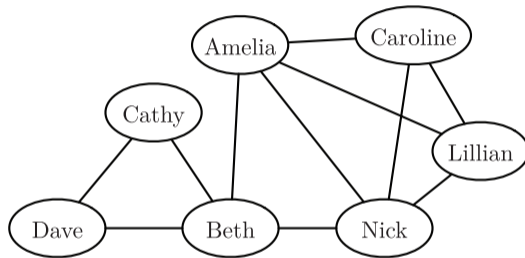Figure 12.1 Three representations of the same graph.

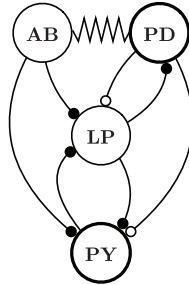Figure 12.2 A small social network.

Figure 12.3 A model of the pyloric central pattern generator that controls stomach motion in lobsters.
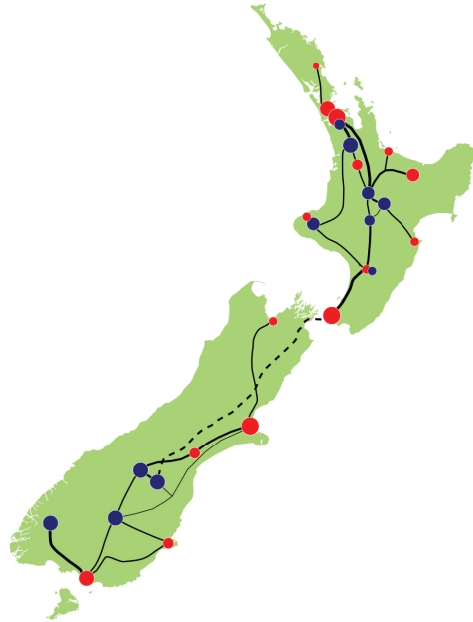
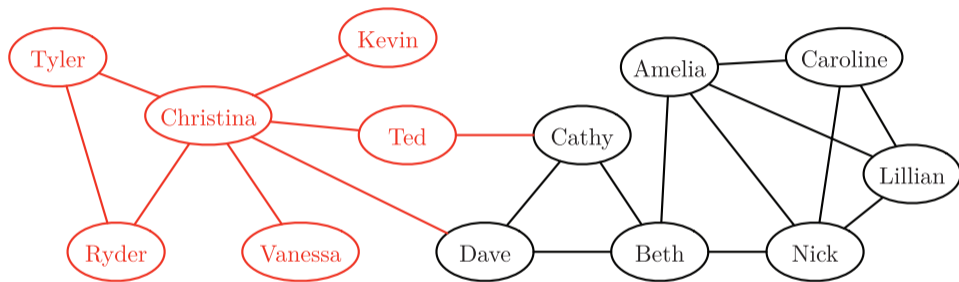Figure 12.4 The electrical transmission network in New Zealand. [58]

Figure 12.5 An expanded social network. The nodes and links in red are additions to the graph in Figure 12.2
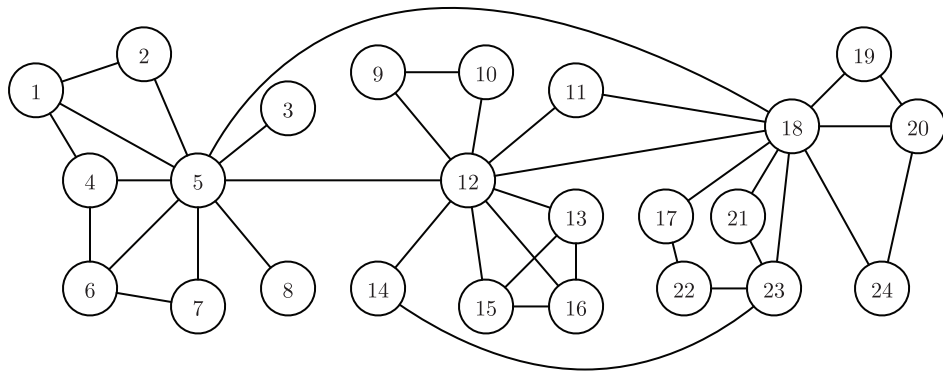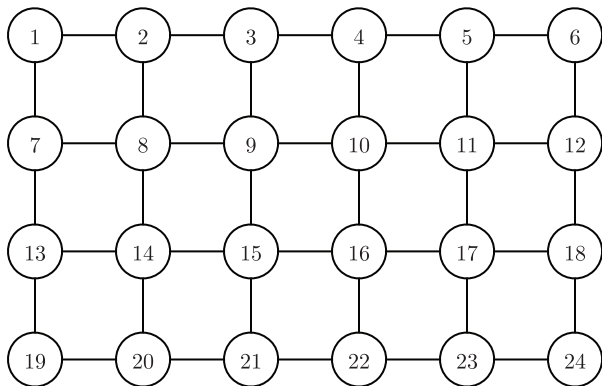
Figure 12.6 A small-world network.
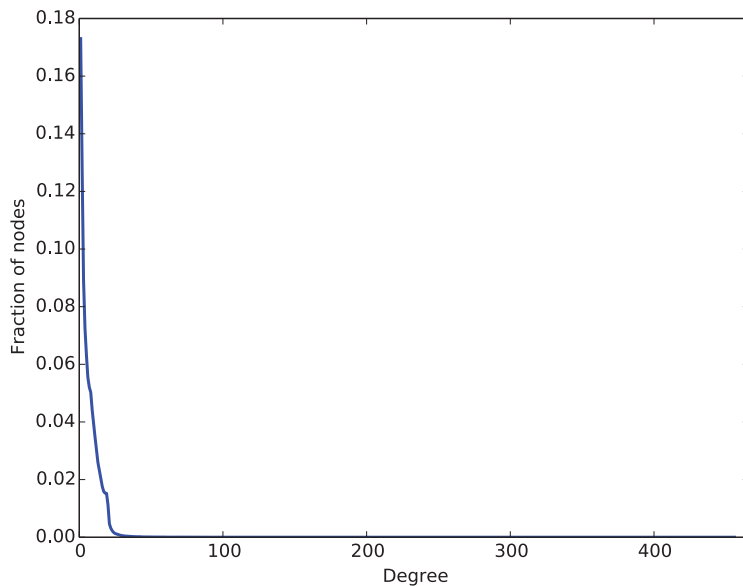
Figure 12.7 A grid network.

Figure 12.8. The degree distribution of 875,713 nodes in the web network.

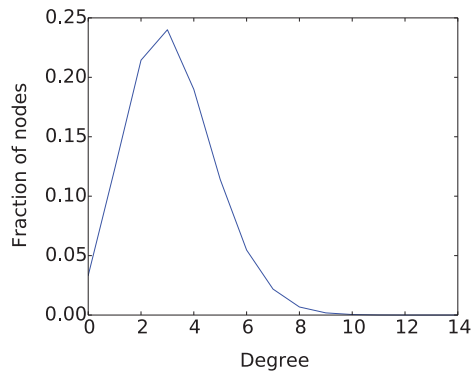Figure 12.9 The North American routes of Delta Airlines. [9]

Figure 12.10 The degree distribution of random graphs with $n = 24$ and $p = 38/276$.
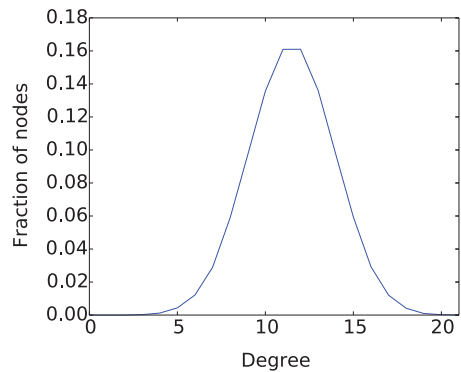
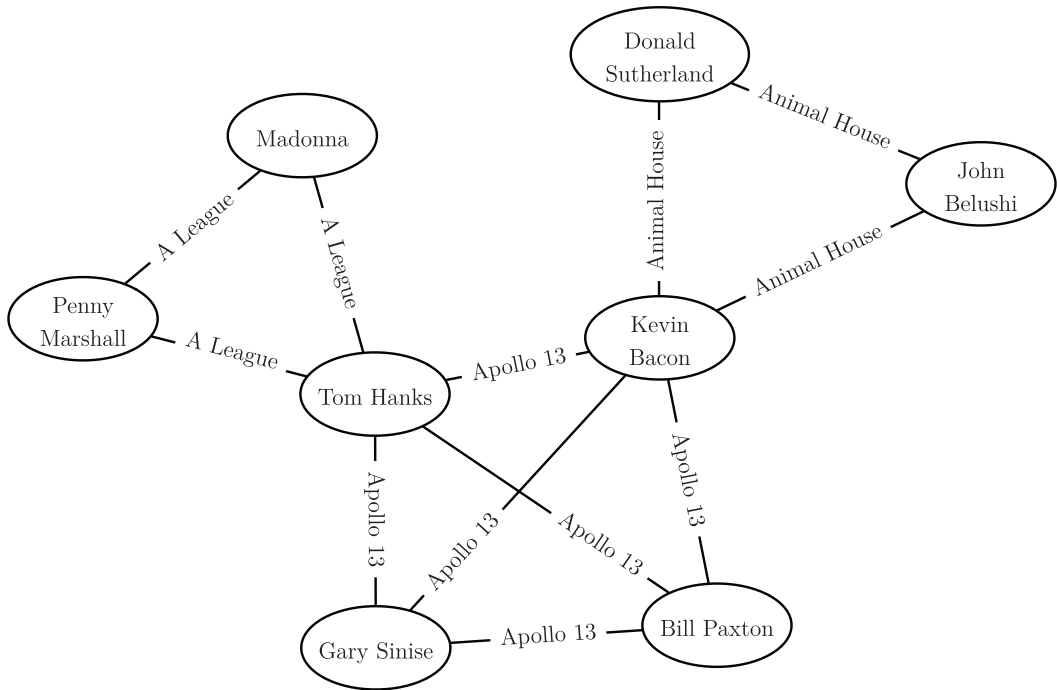012x010.eps

Figure 12.11. The degree distribution of random graphs with $n = 24$ and $p = 1/2$.

Figure 12.12 A simple actors network.