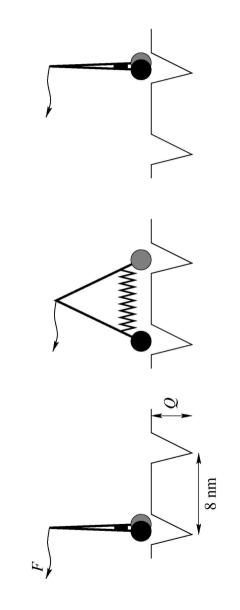
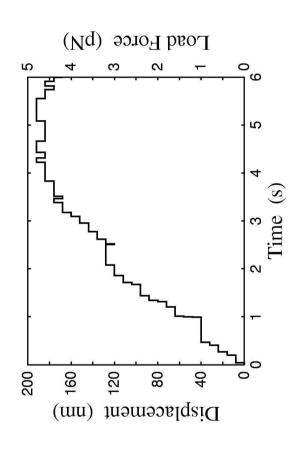
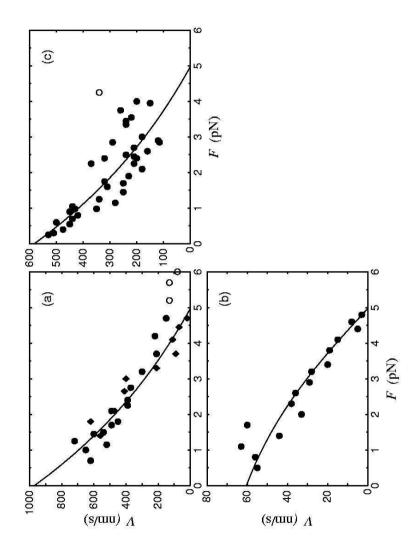
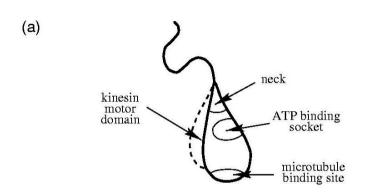


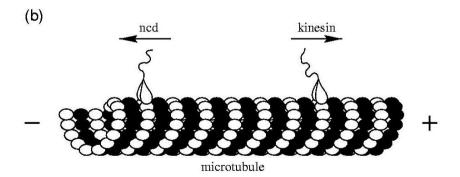
(+) End

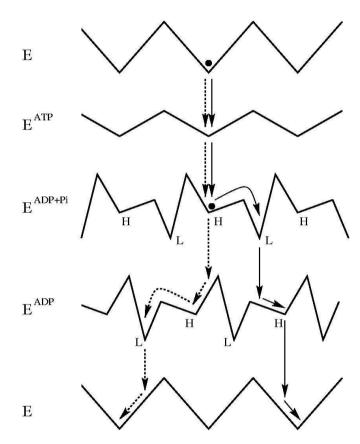


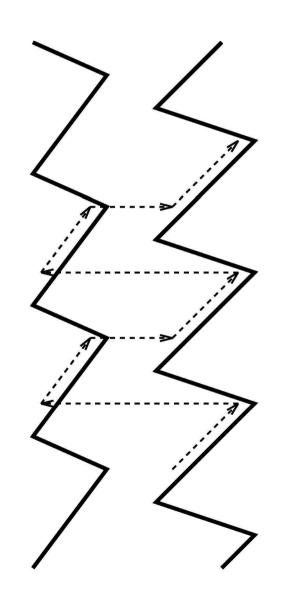


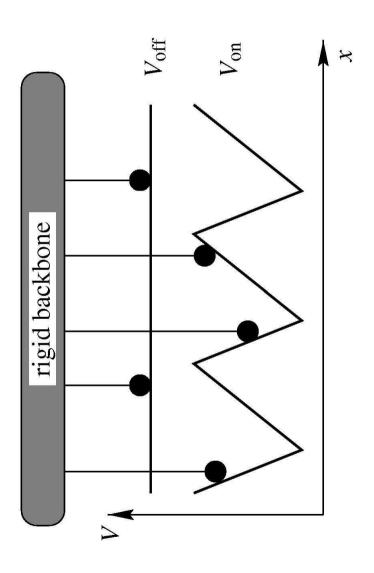


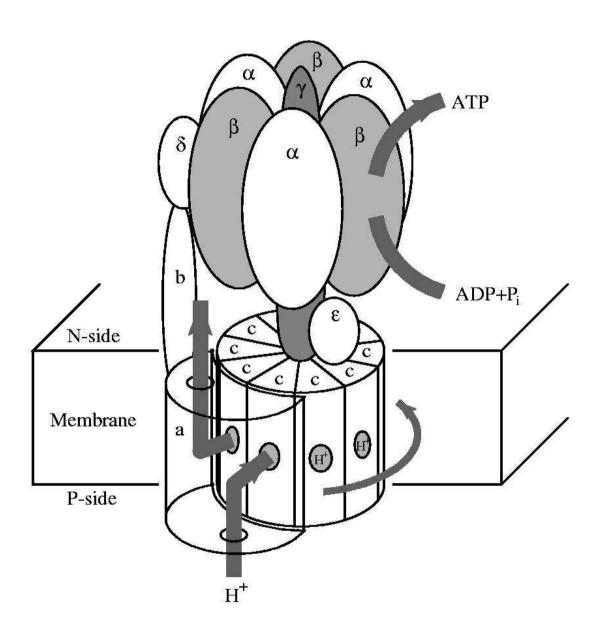


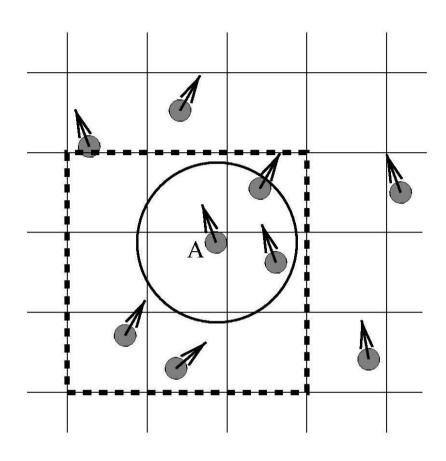


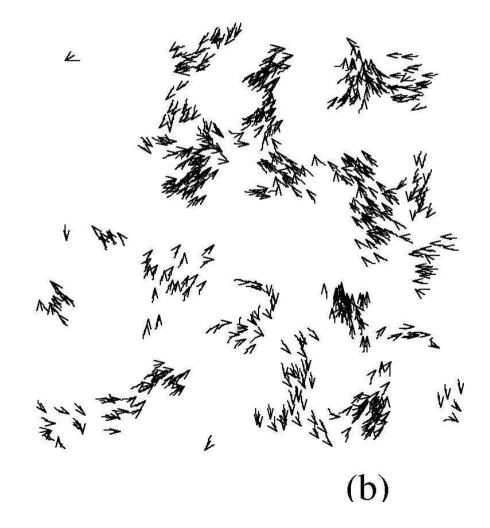


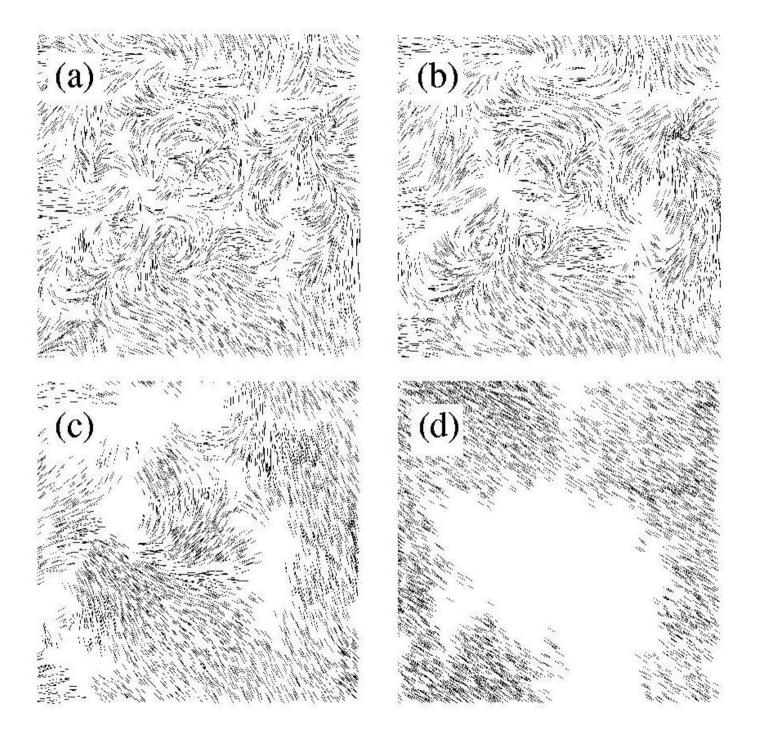


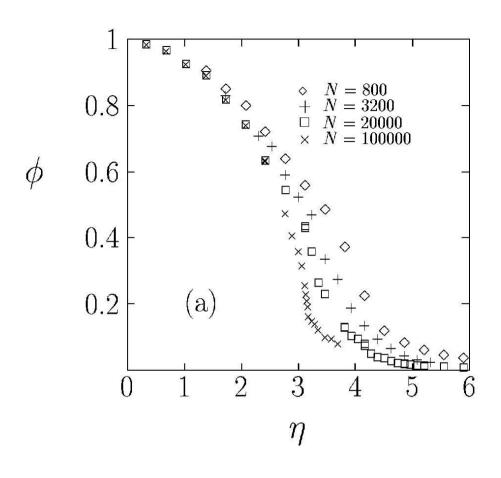


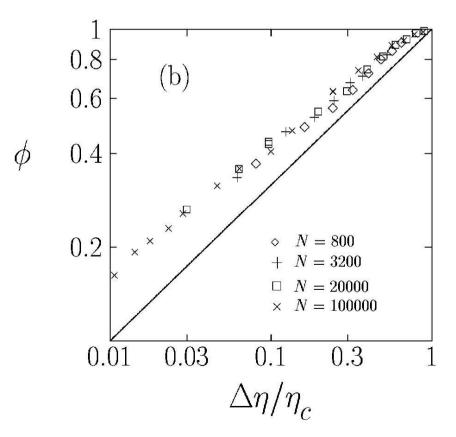


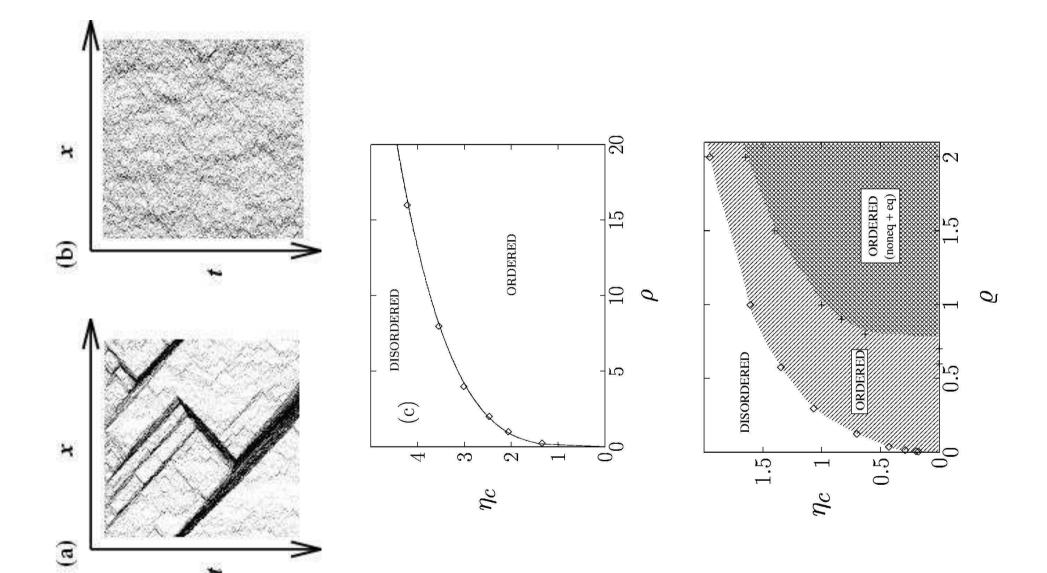


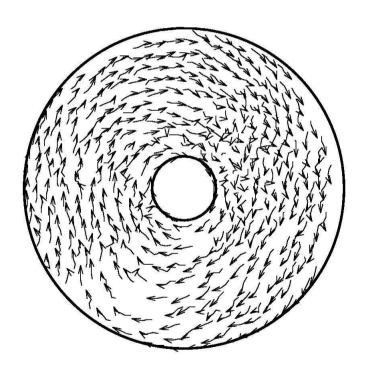


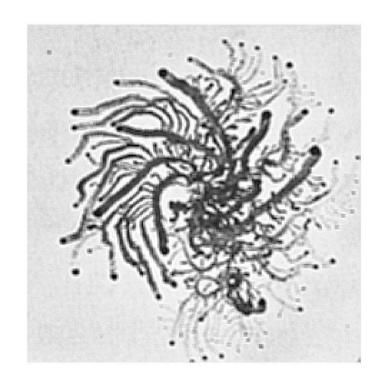








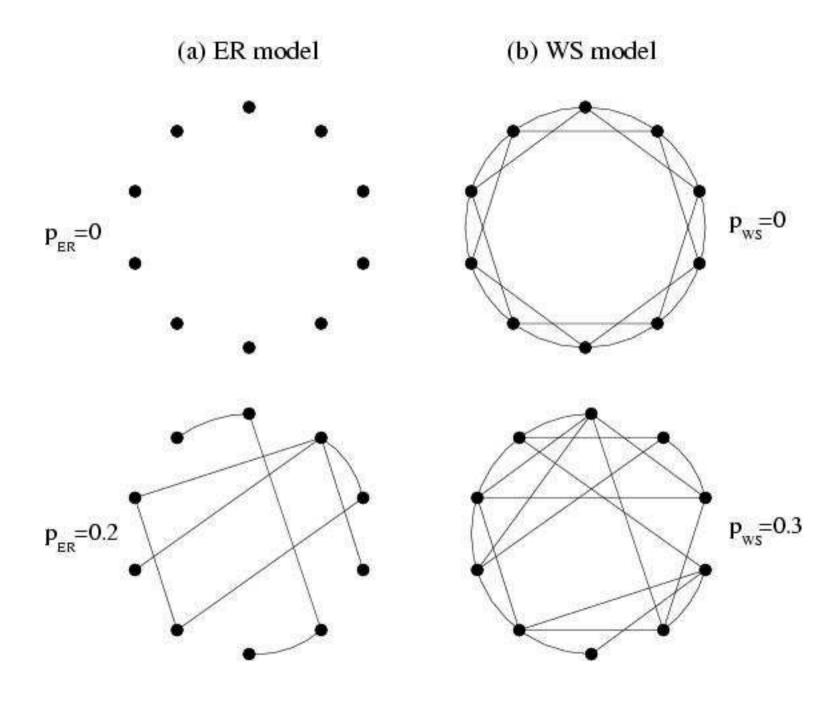


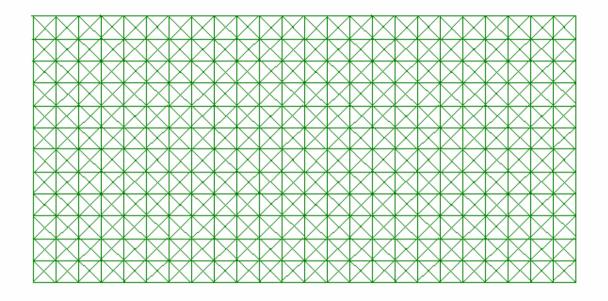


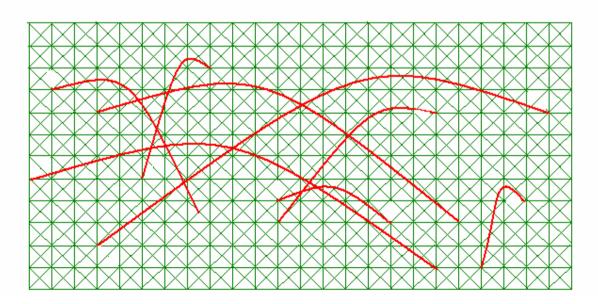


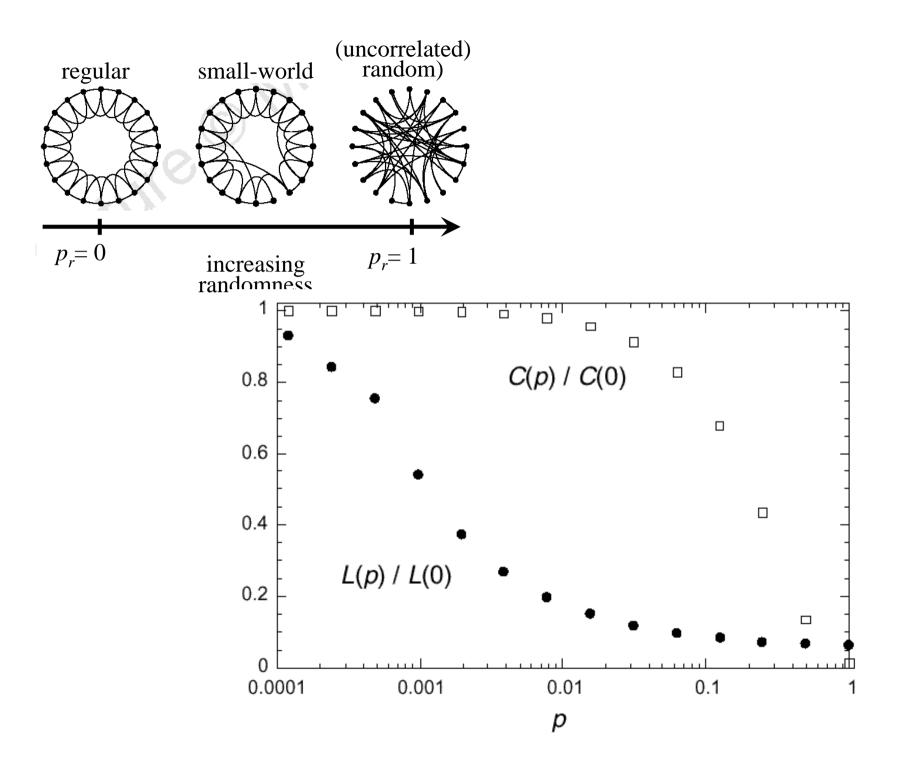


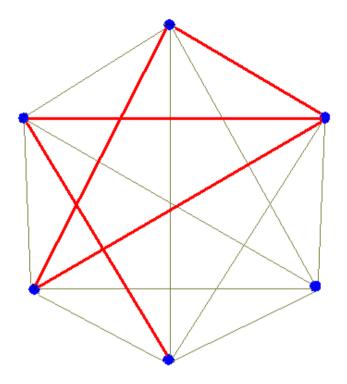


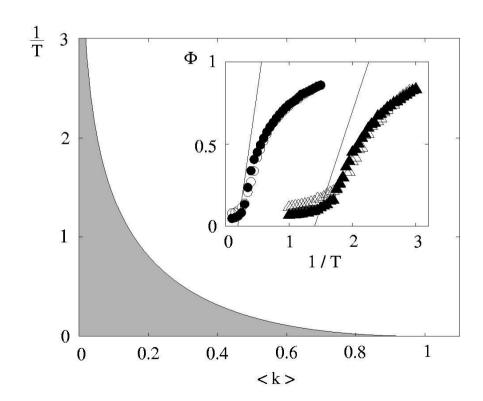


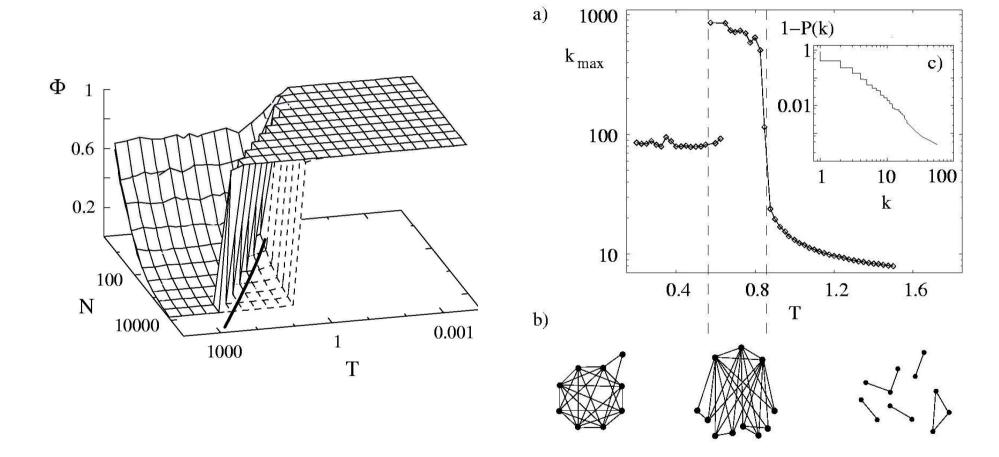


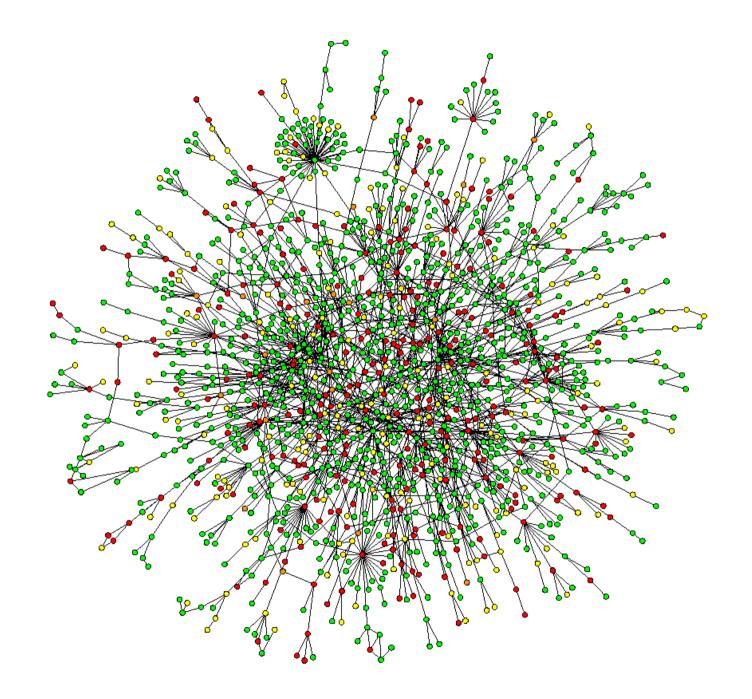




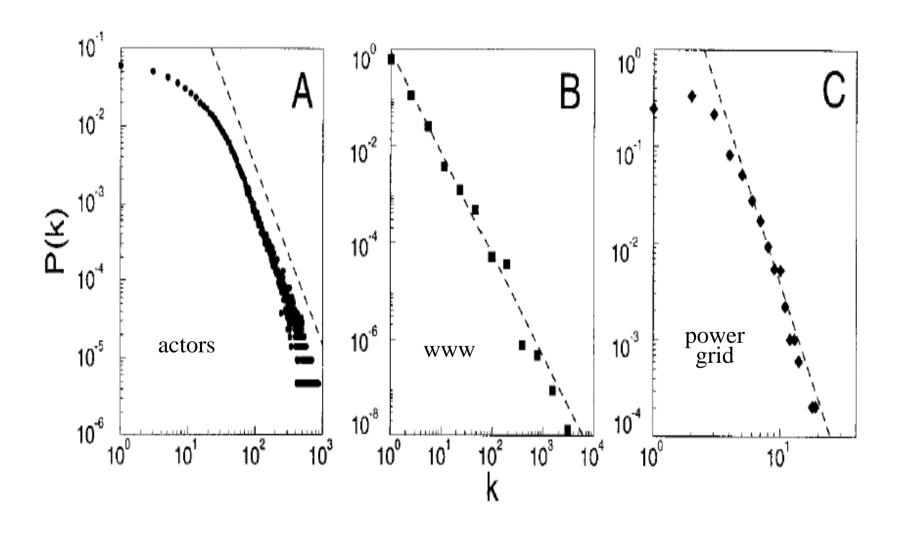


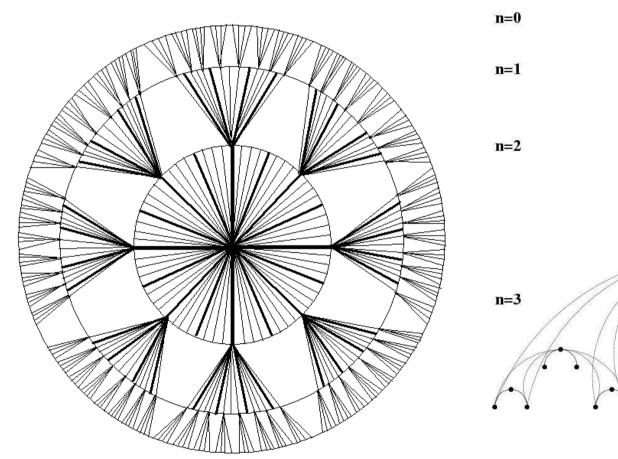


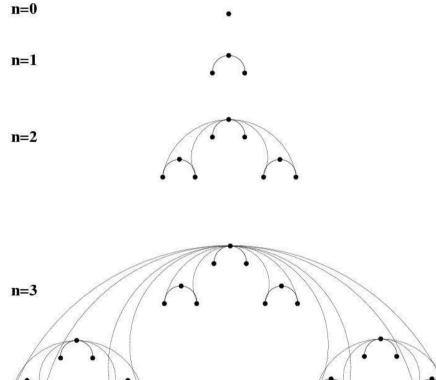


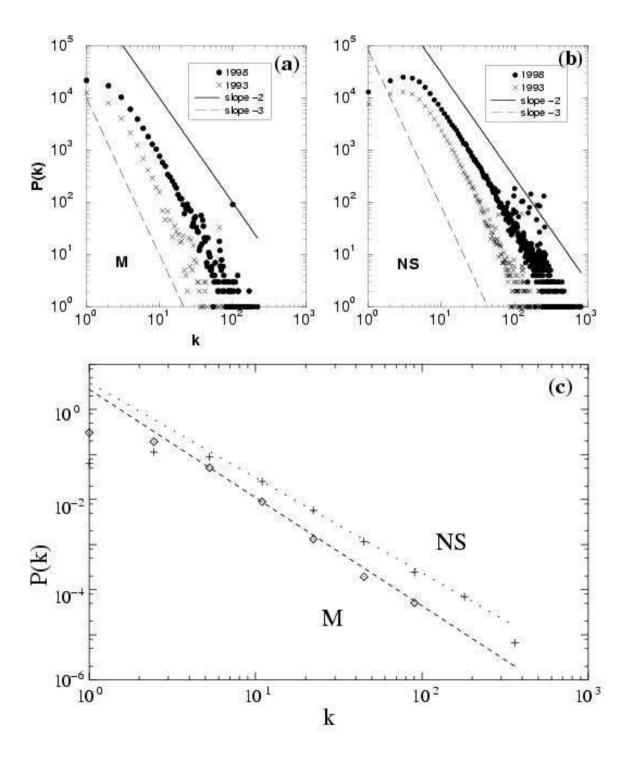


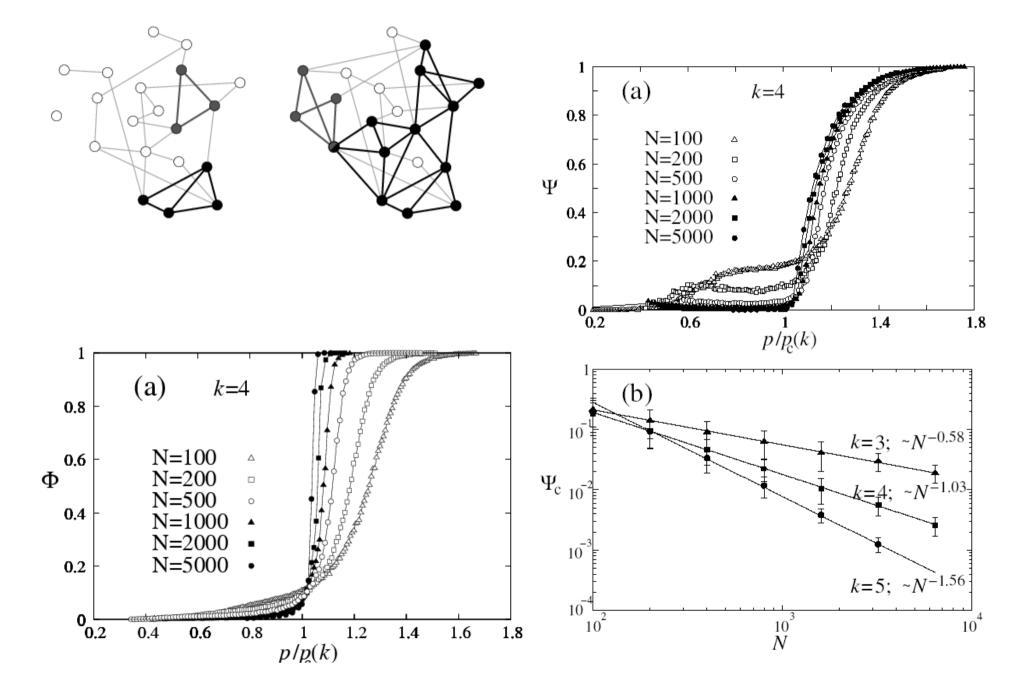
measured distributions:





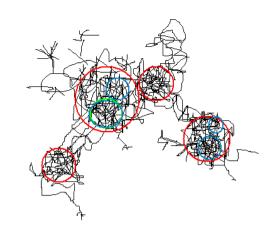


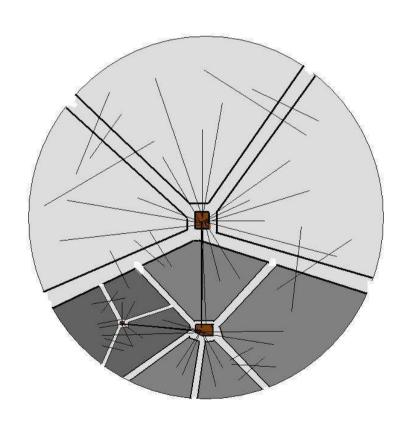


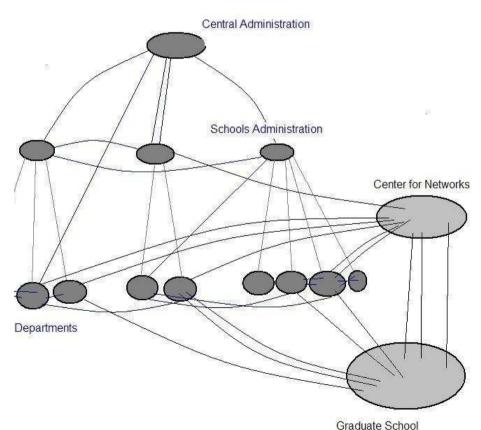


Basic observations:

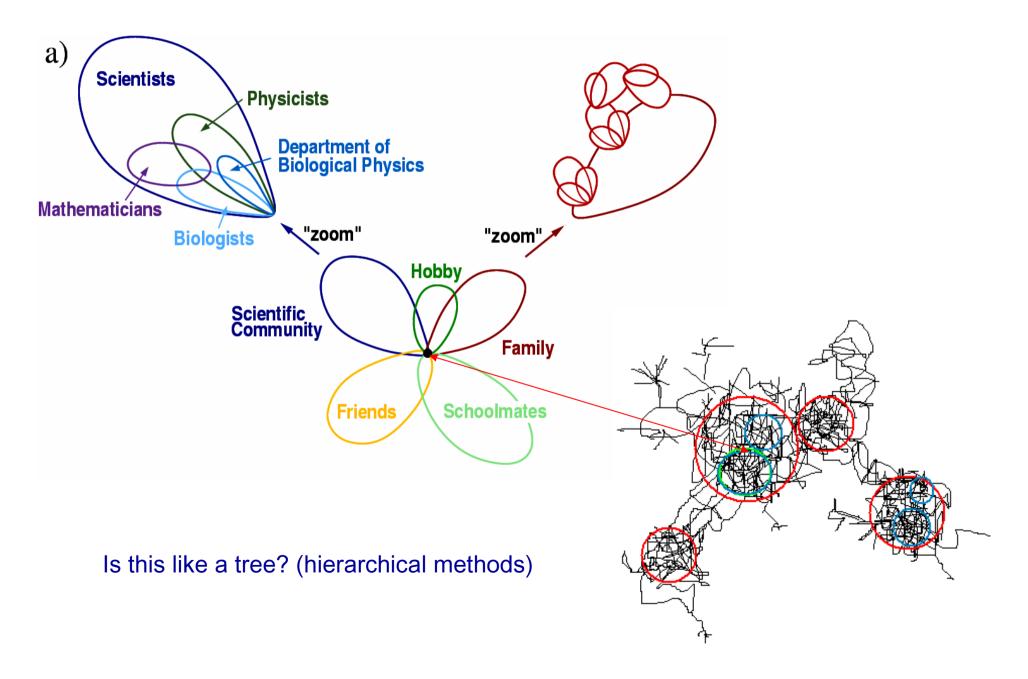
A large complex network is bounded to be highly structured This structure is typically hierarchical (i.e., displays some sort of self-similarity of the structure)

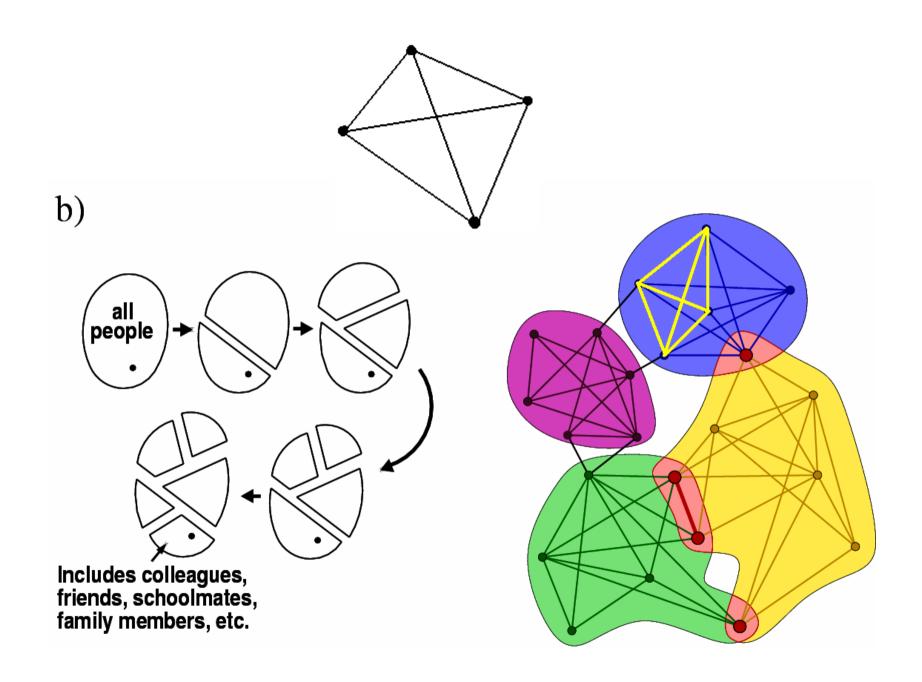






Role of overlaps





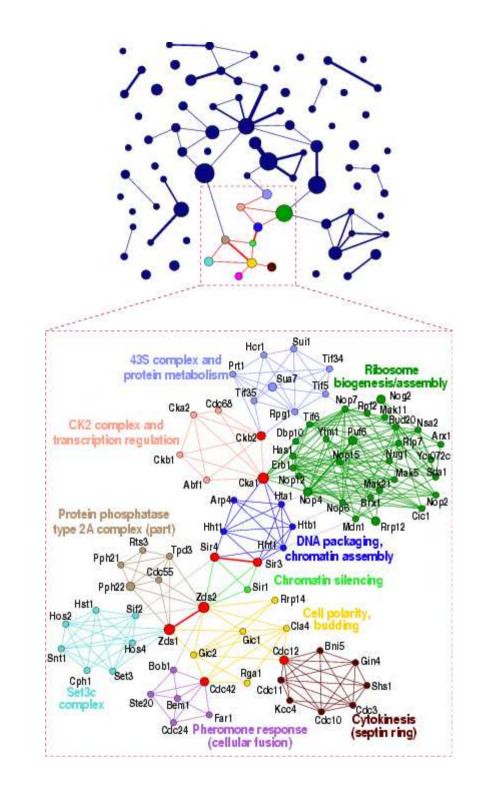
"Web of networks"

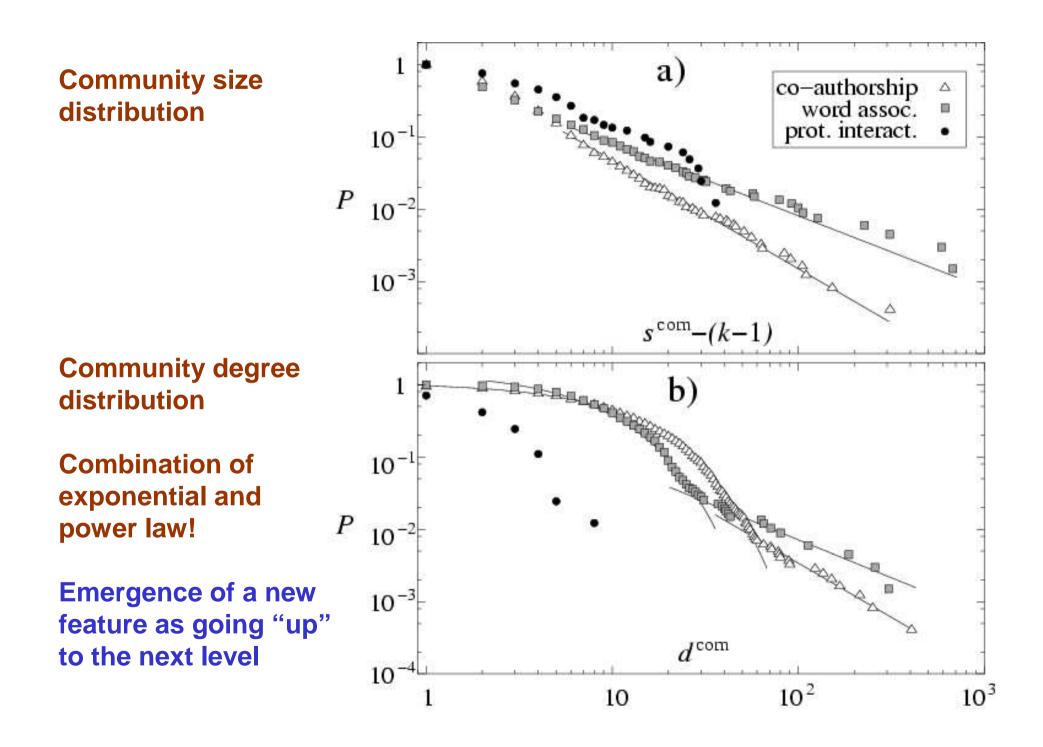
Each node is a community

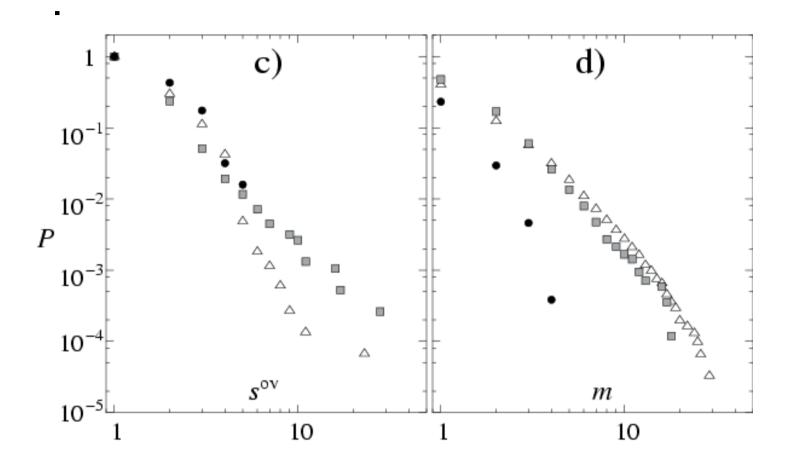
Nodes are weighted for community size Links are weighted for overlap size

DIP data base of protein interactions (*S. cerevisiase*, a yeast)

The other networks we analysed are much larger!!







Community overlap size

membership number