



Networks are important in many economic and social contexts. They play a central role in the exchange of information and the trade of goods and services. Networks determine the structure of friendships and partnerships, the amount of trust and cooperation, the nature of competition and innovation, and the pattern of individual choices. The interplay between economic decisions and networks makes it critical to understand how an individual's position in a network affects his behavior and welfare and to predict which network structures are likely to emerge. This course provides an overview of recent research on strategic network formation, games played on networks, information transmission in networks, and bargaining in markets with an underlying network structure.