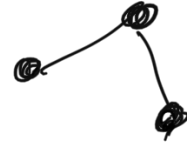
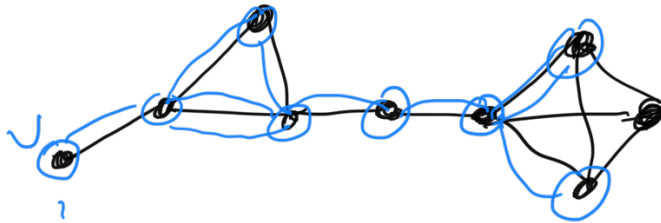


# Lecture 1:

## Random walk on graph



- Start at some vertex  $v$
- Pick one of the edges emanating from  $v$  uniformly randomly
- Follow that edge



Random walk is  
Random on this graph (infinite)

