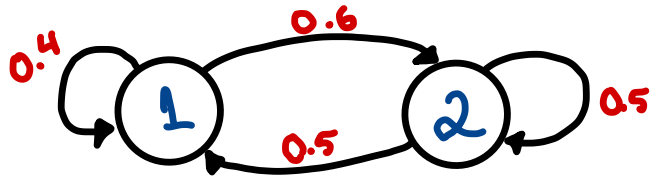
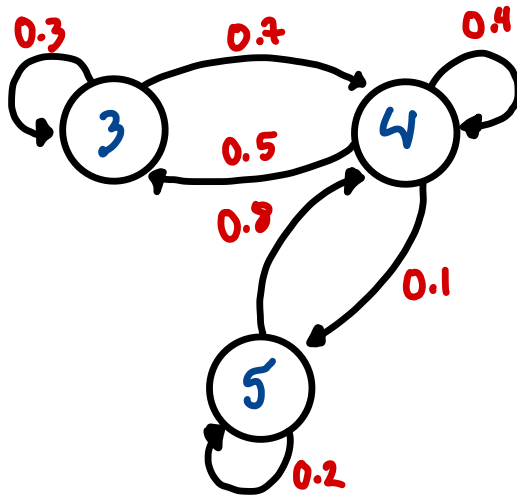


Markov Chain example:



* closed set :

$\{1, 2\}, \{3, 4, 5\}$



there is a path between
3 and 5.

3 and 5 are communicated:

$\begin{cases} 5 \text{ is reachable from } 3 \\ 3 \text{ is reachable from } 5 \end{cases}$