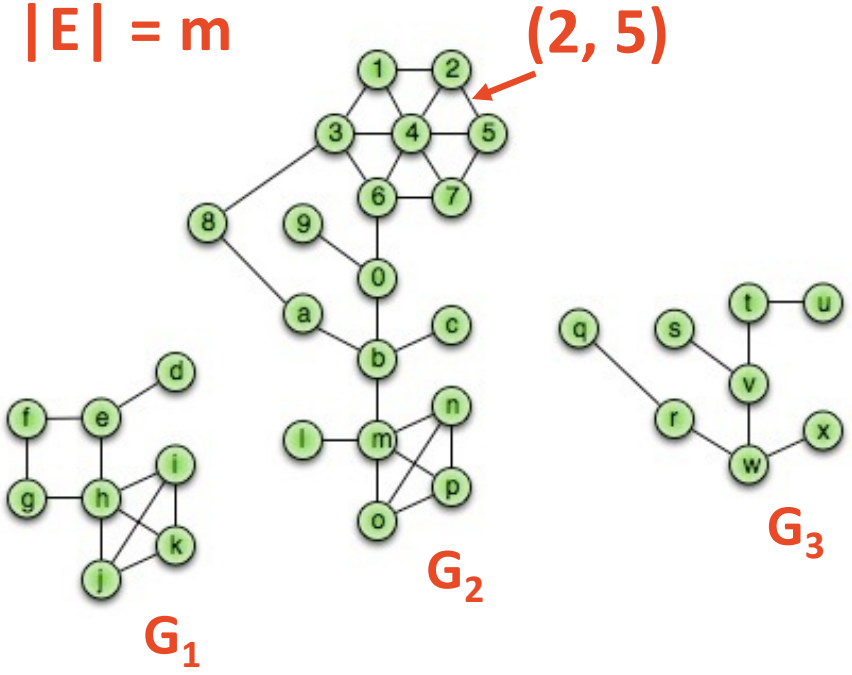
Graph Vocabulary

G = (V, E)

|V| = n

|E| = m



Subgraph(G):

G' = (V', E'):

V' ∈ V, E' ∈ E, and

(u, v) ∈ E → u ∈ V', v ∈ V'

Complete subgraph(G)

Connected subgraph(G)

Connected component(G)

Acyclic subgraph(G)

Spanning tree(G)