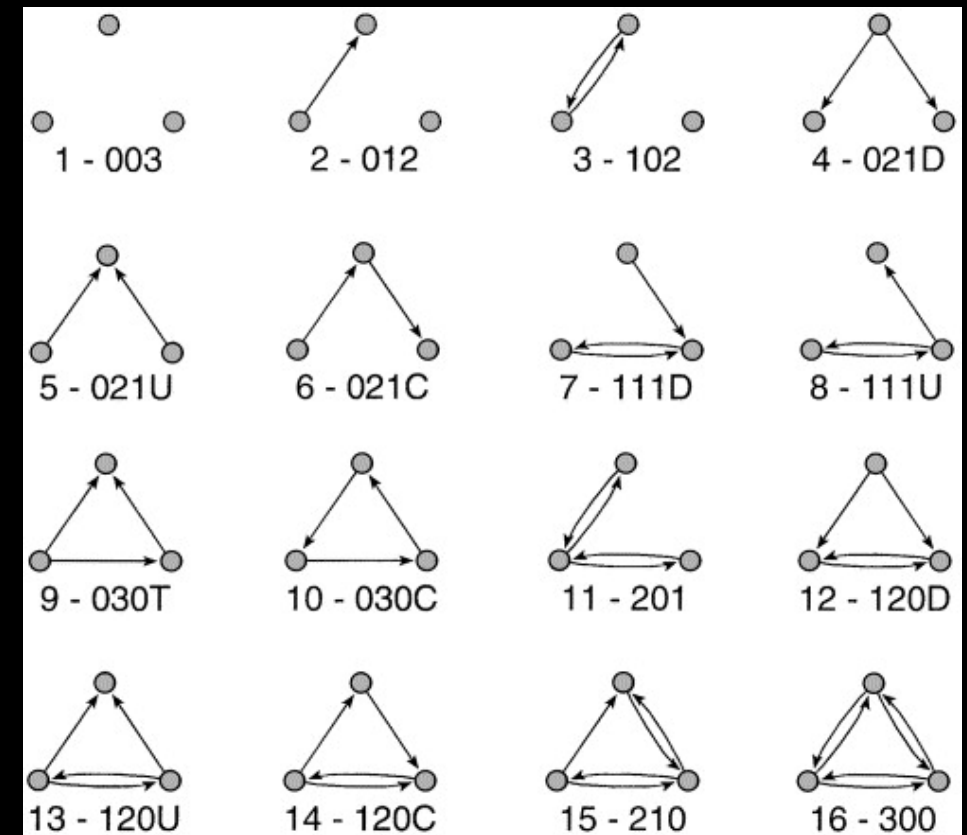


# TRIADS

- Triads are defined by three objects, and are the most elementary network in which the structure of the network really matters.
- When mutuality shows up in triads, something called the “Balance Hypothesis” is present.
  - In the case of three entities, a balanced state exists if all three relations are positive in all respects, or if two are negative and one is positive.
  - There are 16 possible configurations of triads, most of them are not balanced.
  - Hence, triads are the most unstable social relationship (on their own).



# MULTIPLEX NETWORKS

- **Multiplex** networks are defined when two objects or people have more than one relationship.
- Boy likes girl, and boy and girl are also high-school classmates.
- Sometimes, **objects** in a network exchange things: gifts, money, affinity, gossip.

