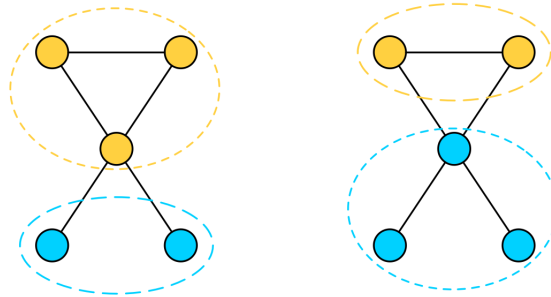


### Exercise 6 – Modularity

(1) Consider both partitions for the graph below:



Calculate the modularity (Eq. 9.12 in Barabási's book) for both cases. Which one is the better partition and why? (6 pts)