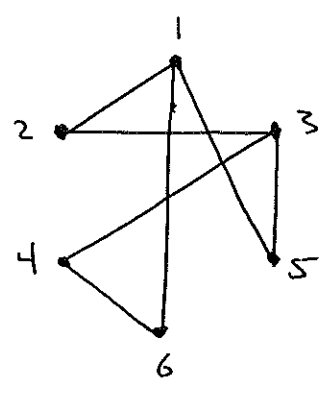


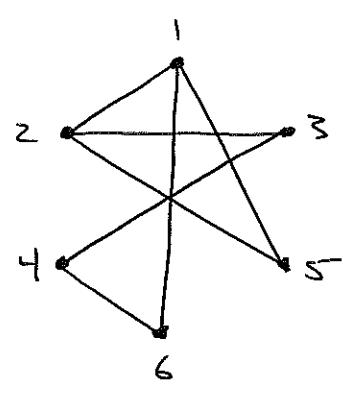
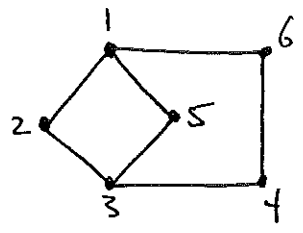
1.2 MODELS

Ex (Traveling Salesman Problem.)

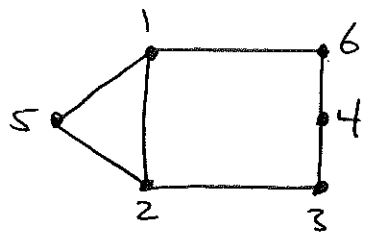
Given a set of cities V , and a set of connecting highways E , does there exist a round trip along which a salesman can travel so as to visit each city exactly once?



NO



YES! 2 5 1 6 4 3 2



Surprisingly, this is a very difficult question in general.