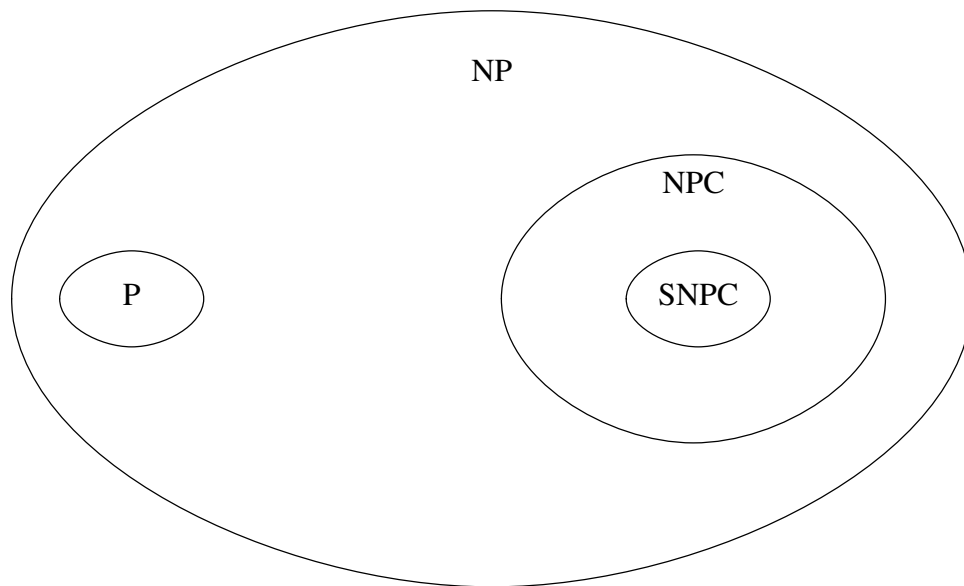


Complexity Classes



I. NP

A. P

B. NP-complete

a. Weakly NP-complete

- Knapsack problem (KP)
- Set Partition (SP)
- $P_2 || C_{\max}$ (Multiprocessor Scheduling)

b. Strongly NP-complete

- Traveling salesman problem (TSP)
- Clique problem (QL)
- Vertex cover (VC)
- 3-dimensional matching (3DM)
- Hamiltonian Circuit (HC)

C. Open problems