

**Practice problems (don't turn in):**

1. [DPV] Problem 8.3 (Stingy SAT)
2. [DPV] Problem 8.4 (a),(b),(c) (Clique-3)
3. [DPV] Problem 8.10 part (a) (Subgraph isomorphism, you are encourage to try the others)
4. [DPV] Problem 8.13 (graph problems: NP vs. poly time)

**Problem 1 [DPV] Problem 8.1 (TSP optimization versus search)****Solution:**

**Problem 2 [DPV] Problem 8.8 (Exact 4-SAT)****Solution:**

**Problem 3 [DPV] Problem 8.9 (Hitting set)**

**Solution:**

**Problem 4 [DPV] Problem 8.14 (Clique+IS)****Solution:**