

Other NP-Complete Problems

10.4

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Agenda

- Why?
- How to describe?
- Independent Set Problem
- Node Cover Problem
- Directed Hamilton Circuit Problem
- Undirected Hamilton Circuit Problem
- Traveling Salesman Problem

Remember?

- A problem P is NP-Complete If:
 - P is in NP
 - For every problem L in NP, there is a polynomial time reduction from L to P .
 - Or, If P_1 is NP-Complete, and there is polynomial time reduction from P_1 to P , then P is NP-Complete.