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the definitions of (1)NP-Complete Problem and (2) Polynomial-Transformation

the set of clauses over a finite set $U = \{a, b, c\}$:

$$\{a+b, \overline{a}+\overline{b}, a+c, \overline{a}+\overline{c}, b+c, \overline{b}+\overline{c}\}.$$

satisfying truth assignment?

he matrix chain product problem for the instance of $A_{14\times12}$, $B_{12\times2}$, $C_{2\times7}$, $D_{7\times8}$

Dynamic-Program to solve the Shortest Paths in the following Graph:

IC α TSP.

he Backtracking Algorithm to solve the Traveling Salesman Problem: