

P. NP    NP-complete    NP-hard    Example.  
 Solution    Non-deterministic Polynomial-time

| P.       | NP = NP-complete                | NP-hard        |
|----------|---------------------------------|----------------|
| Dijkstra | 哈密尔顿路径问题(决策) $\exists J \leq K$ | TS 最优距离        |
| DFS      | subset sum                      | Kolmogorov 复杂度 |
| BFS      | 3-SAT                           |                |
| GCD      | Vertex Cover                    |                |
| 2-SAT    | 哈密尔顿回路问题                        |                |