

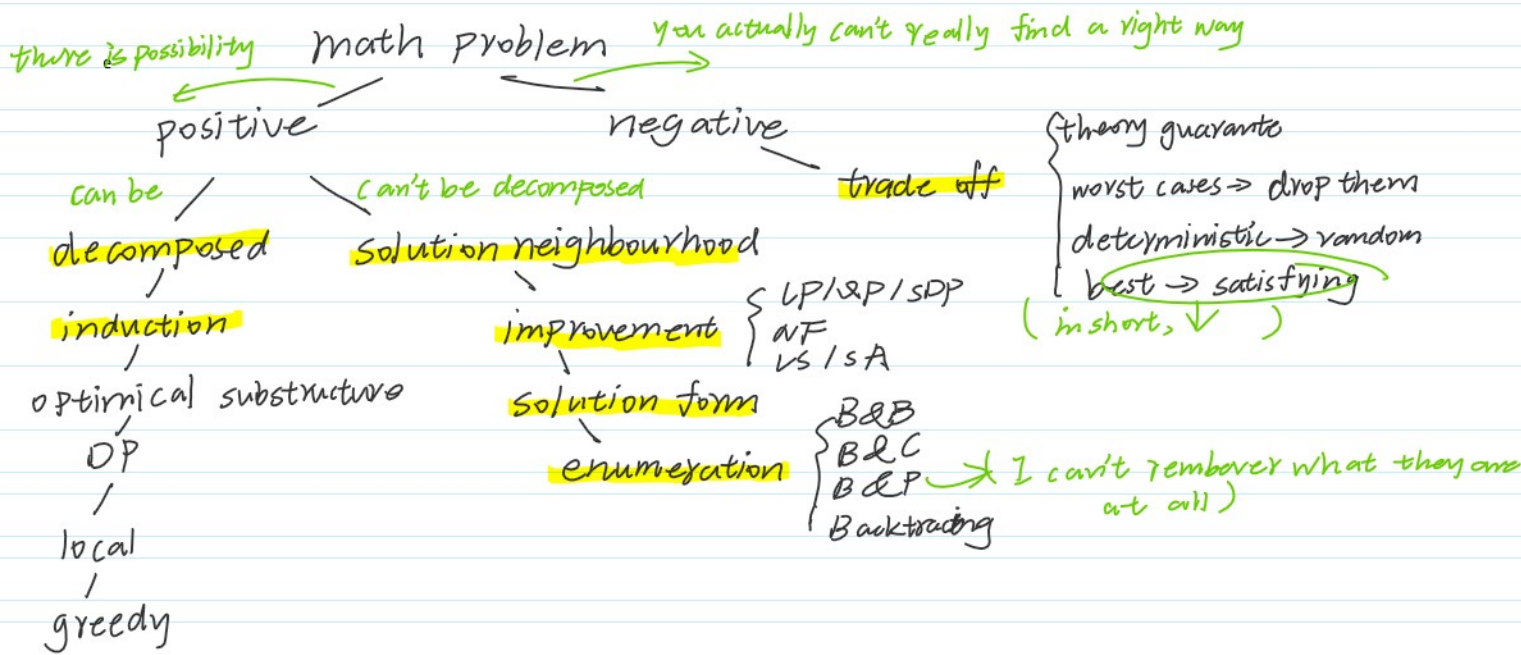
ALGORITHM CHAPTER 1

Problem Structure

- ① The Simplest Case
- ② Decomposed
- ③ Solution Neighbourhood (解的邻域关系/变化可能)
- ④ Solution Form
- ⑤ Similar Problems

This is about how to analyse an algorithmic problem by following these steps to get inspired.

Specific Strategies



Take Home Messages

1. Design algorithm based on the problem structure
2. Begin with the simplest case.
3. 将直觉性的/启发式的/经验的部分交给 AI 协助