

Algebra

- ☐ Binary Exponention
- ☐ Extended Euclidean
- ☐ Linear Diophantine
- ☐ Linear Sieve
- ☐ Miller Rabin (deterministic)
- ☐ Pollard Rho
- ☐ Euler's Totient
- ☐ Modular Inverse
- ☐ Chinese Remainder Theorem
- ☐ Garner's Algorithm
- ☐ Factorial modulo p
- ☐ Discrete Logarithm
- ☐ Primitive Root
- ☐ Discrete Root
- ☐ Montgomery Multiplication
- ☐ Balanced Ternary
- ☐ Gray Code
- ☐ Bit manipulation
- ☐ Enumerating bitmask subsets
- ☐ Arbitrary Precision
- ☐ Fast Fourier Transform
- ☐ Continued Fractions

Data Structures

- ☐ Sparse Table
- ☐ Disjoint Set Union
- ☐ Fenwick Tree
- ☐ Sqrt decomposition
- ☐ Segment Tree
- ☐ Treap
- ☐ Sqrt tree
- ☐ Randomized Heap
- ☐ Aho-Corasick

Dynamic Programming

- ☐ Divide & Conquer DP
- ☐ Knuth's Optimization
- ☐ Convex Hull Trick

String Processing