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Glossary of Words

Adjacency matrix
Airflow simulation
Airline schedule
Alpha-beta search
Alternating path
Alternation
Analysis of algorithms
Approximation
Average
Average case analysis
Back edge
Banabono
Basketball
Best case analysis
Beta function
BFS
Binary heap
Binary search
Binary space partition
Boolean logic
Boruvka's algorithm

Acyclic graph

Adjacency list

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Cross edge
Cryptography
DAG
Decision tree
Deep Blue
Depth first search
Depth first search tree
Deterministic finite automaton
Deterministic selection
DFA
DFS
DFS numbering
Diff
Differential equation
Dijkstra's algorithm
Directed acyclic graph
Directed graph
Divide and conquer
DNA
Doom
Drill scheduling
Dynamic programming
Edge
=

Cook's theorem

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Equivalence class
Equivalence relation
Evaluation function
Expected case analysis
Exponential time
Even length strings
Family tree
Fermat's last theorem
Fibonacci heaps
Fibonacci numbers
File comparison
File storage
Finite element method
Finite state machine
Forward edge
FSM
Gadget
Game tree
Gene comparison
Geometric series
Goto statement

Emacs

Empty bottle

Encryption

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Graph
Graph algorithms
Graph coloring
Graph representation
Grep
Halfspace
Halting problem
Harmonic series
Head of component
Heap property
Heap selection
Heap sort
Heapification
Heuristic
Hybrid MST algorithm
Incidence list
Incidence matrix
Incremental algorithm
Indentation
Infinite loop
Inorder traversal
Inside
Integer factorization

Graham scan

Iteration
Iterative algorithm
Iterative dynamic programming
Jordan curve theorem
Key
Knot
Known plaintext attack
Knuth-Morris-Pratt algorithm
Kruskal's algorithm
Language
Leftmost point
Longest common subsequence
Longest common substring
Longest path
Longest simple path
Low value
Lower bound
Lower chain
Matching
Matrix multiplication
Mean
Median
Median of medians
Megabyte

Memoization
Merge sort
Mesh generation
Minimum spanning tree
Mode
Molecular biology
Multiple solutions
Nano
Nematode knowledge
Nondeterministic polynomial time
Non-Euclidean geometry
NP
NP-complete
O-notation
Object oriented representation (of graphs)
Omega-notation
One-way road
Order statistics
Outside
Overlap
P
P=NP
Parallel parking
Partition problem

Pattern graph
Pattern matching
Partial match
Phone network design
Polygon
Polynomial space
Polynomial time
Prefix
Prim's algorithm
Preorder traversal
Point in polygon
Postorder traversal
Printed circuit board
Pseudo-code
PSPACE
Public key cryptography
Queue
Quick selection
Quick sort
Rabbits
Radix sort
Randomized algorithm
Ray
Recurrence relation

Recursive dynamic programming
Reduction
Reflexive property
Register allocation
Regular expression
Relation
Rightmost point
Road map
Robot motion planning
RSA encryption
Sample selection
Satisfiability
Scientific computation
Screen redisplay
Selection
Selection sorting
Semiconnected
Sequential search
Shorten
Shortest accepted string
Shortest path
Simple path
Simple polygon
Single-source shortest path problem

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Sorting algorithms
Sorting floating point numbers
Space complexity
Space-efficient dynamic programming
Spanning tree
Stability of sorting algorithms
Stack
State
State diagram
String matching
String sorting
Strong connectivity algorithm
Strongly connected
Strongly connected component
Subgraph isomorphism
Subsequence
Suffix
Suffix tree
Symmetric property
Task scheduling
Text editor
Top-down dynamic programming
Topological ordering

Sorting

Tournament
Transition table
Transitive property
Traveling salesman problem
Traversal
Triangulation
Turning radius
Unary notation
Undecidable
Undirected graph
Unequal divide and conquer
Union-find problem
Unreachable states
Upper chain
Vertex
Video games
VLSI circuit design
Weakly connected
Wildcard
Worst case analysis