Index

A
Algorithm 5

B
Binary Search 25
Breadth First Search 93
Background 102

D
Dijkstra’s algorithm 64

G
Genetic algorithm 43

H
Hamiltonian Cycles 108

J
Job Sequence Problem 47

K
Kruskal’s Algorithm 56

M
Merge sort 28

N
NP hardness 127
NP competence 128

P
Program 5
Prince Algorithm 52

Q
Quick sort 32
Queens Problem 103

S
Space Complexity 12
Selection sort 36
Spanning tree 51

T
Time complexity 13