Hashing expected muchan

of probat for a successful

sunch using quadratic or

double hash 12

1 loge (1-2)

1 loge (1-2)

Floyd's Algorithm (1956)

All paths shortset path

Warshall's Algorithm (1952)

Transitive Closure

9 Transitive Closure Given a boolean adjacency mertix A fr (int i= 0', i < | V |; i++) for (int j=0', j < 1 v1', j+4) for (int k=0', K< IVI', kft) A [i][j] = A [i][j] | (A [i][j]) · -> i i *) Reach aboility Matrix

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reachas 7 Matrix

Undirected Graphs G=(V,E) (0,1) Same or edge Given a graph G=(V,E) c spanning tree is set of edges Es E E such that all Virties in Vare represented ui Es

A minimum cost spanning tree. (may not be unique)

