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algorithm IMPROVED-SHORTEST-AUGMENTING-PATH
1  $x \leftarrow 0$ 
2 Perform a (reverse) breadth-first search of the residual network
  starting with the sink node to compute exact distance labels  $d(i)$ 
3  $i \leftarrow s$ 
4 while  $d(s) < n$ 
5   do if  $G_x$  contains an admissible arc  $(i, j) \in E_x(i)$ 
6     then ADVANCE( $i$ )
7       if  $i = t$   $\triangleright$  We found an augmenting path
8         then AUGMENT
9            $i \leftarrow s$   $\triangleright$  Begin finding next path
10        else RETREAT( $i$ )  $\triangleright$  No admissible arc emanating from  $i$ 
11 return  $x$ 

procedure ADVANCE( $i$ )
1 let  $(i, j)$  be an admissible arc in  $E_x(i)$ 
2  $\pi(j) \leftarrow i$   $\triangleright$  We maintain the predecessor list
3  $i \leftarrow j$   $\triangleright$  Make node  $j$  as current node

procedure RETREAT( $i$ )
1  $d(i) \leftarrow 1 + \min\{d(j) : (i, j) \in E_x(i)\}$   $\triangleright$  This operation is called relabel
2 if  $i \neq s$ 
3   then  $i \leftarrow \pi(i)$   $\triangleright$  Backtrack

procedure AUGMENT
1 using the predecessor indices  $\pi$  identify an augmenting path  $P$ 
2  $\delta \leftarrow \min\{r_{ij} : (i, j) \in P\}$ 
3 augment  $\delta$  units of flow along  $P$ 
4 update  $G_x$  (or,  $E_x$ )
```

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Prim's Algorithm Solver (Jake Baker Maths Interactive) Maximum Flow Minimum Cut Algorithm (Joel Speranza Math Video) Ford-Fulkerson Algorithm (Michael The Ford-Fulkerson method or Ford-Fulkerson algorithm (FFA) is a greedy algorithm that computes the maximum flow in a flow network. It is sometimes called a May 22, 2020 — Whatever answers related to "Ford Fulkerson Algorithm Edmonds ... Algorithms - Max value - algoritmo cpf - banker's algorithm calculator in ...

Perkins and P.Bhagwat in 1994. A distance vector routing protocol uses the Bellman-Ford Algorithm or Ford-Fulkerson Algorithm or Diffusing update Algorithm. ... engineering calculator, find a maximal flow from the source (node 1) to the destination (node 6) in the following network via the Ford-Fulkerson algorithm using Finding the Maximum flow using FordFulkerson algorithm and Graph representation using JUNG. Language:Java 0 0 0 ... Simple calculator using Java Swing.

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