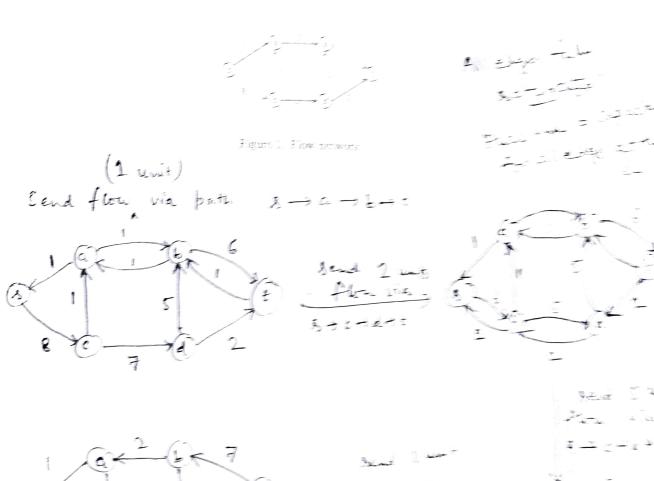
Running time of the algorithm.

The ford-fulkerson's algorithm tomais zinc O' i' > £ + = of maximum flow. Observe to this sayle that the same of sexua every $j=1,\ldots,m$, $j \leq n/1$ besides value of the meaning flow s number of vertices is not more and the number of edges to O note. Hence I was the running time of the Ford Fulkerson's algorithm is Of note to the ways of the ways of the son's algorithm is Of note to the ways of the son's algorithm is Of note to the ways of the son's algorithm. Finally, the construction of the graph takes O myline Hence, the running time of the algorithm is Office

8 (70Marks) Consider the following flow network. The number denote the reported to be edges. Illustrate the execution of Ford-Fulserson. Algorithm is computed a measurement of from s to t in this network. Your Must street must wink step to step execution to be Fire-Fulkerson's Algorithm, particularly the changes in the reasonal graph, and the time while in



2) monks for mentioning flow value (max flow) +1) and final value of flow for every edge