

Figure 1: Residual graph before running the algorithm

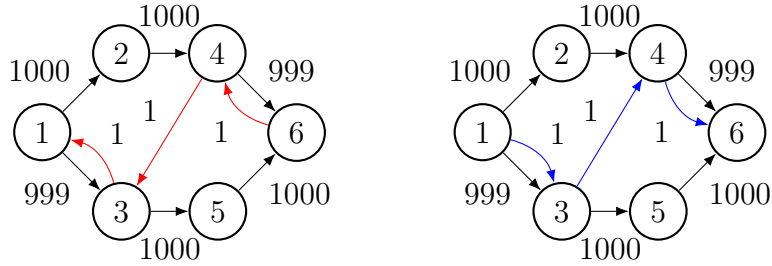


Figure 2: Residual graph and augmenting path after 1 step of the algorithm. Flow  $f = 1$ .

For these diagrams, the residual graphs specify backwards edges in red, where the weight of the backward edge is the capacity used on that edge. Completely used-up forwards edges are not shown. For augmenting path graphs, the augmenting paths are shown in blue with their weight describing the flow of commodity that is passing through that edge. Weights on forward edges depict the remaining usable capacity of each edge.

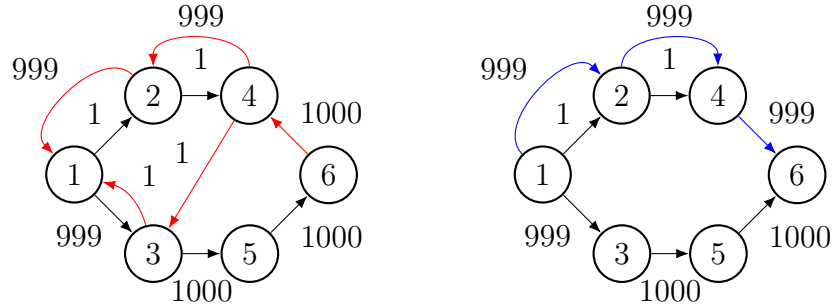


Figure 3: Residual graph and augmenting path after 2 steps of the algorithm.  
Flow  $f = 1000$

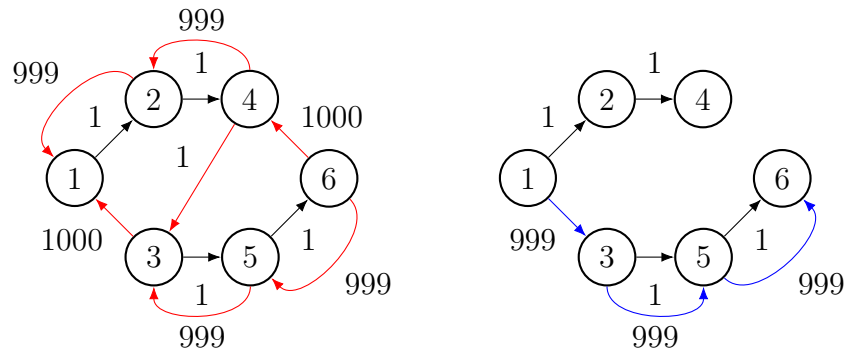


Figure 4: Residual graph and augmenting path after 3 steps of the algorithm.  
Flow  $f = 1999$

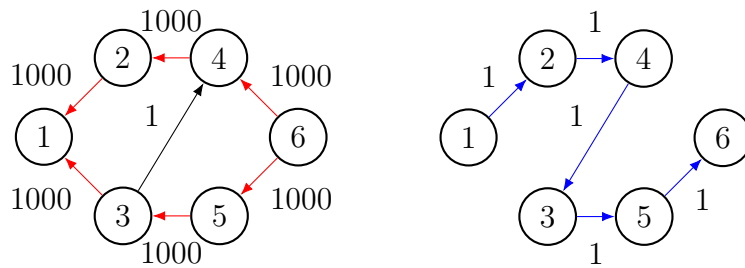


Figure 5: Residual graph and augmenting path after 4 steps of the algorithm.  
Flow  $f = 2000$