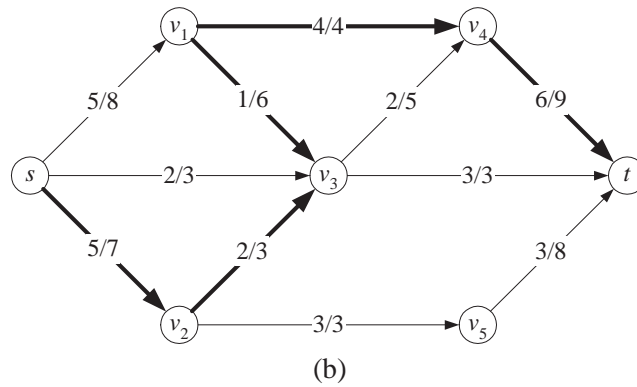


(a)



(b)

Figure 8.6: Example of an augmenting path: (a) network N , flow f , and an augmenting path π drawn with thick edges ((v_1, v_3) is a backward edge); (b) flow f' obtained from f by pushing $\Delta_f(\pi) = 2$ units of flow from s to t along path π .