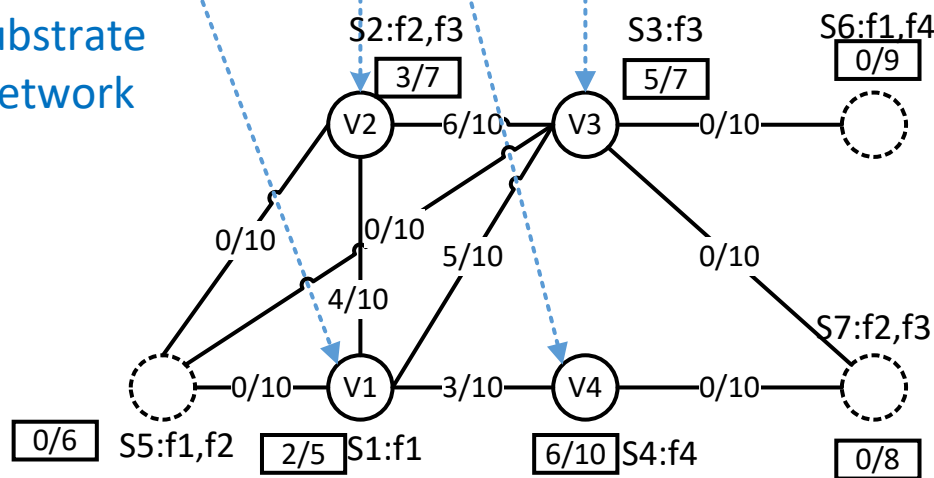
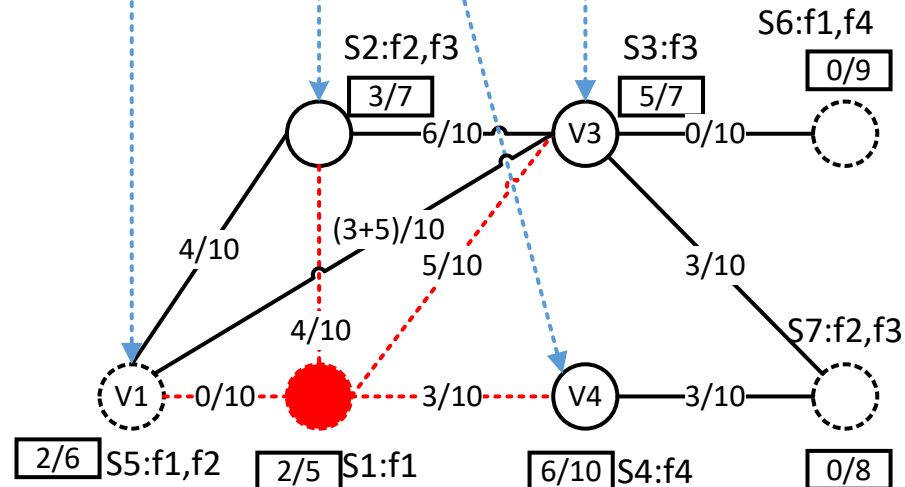


Substrate network



(a)



S1 node failure (b)