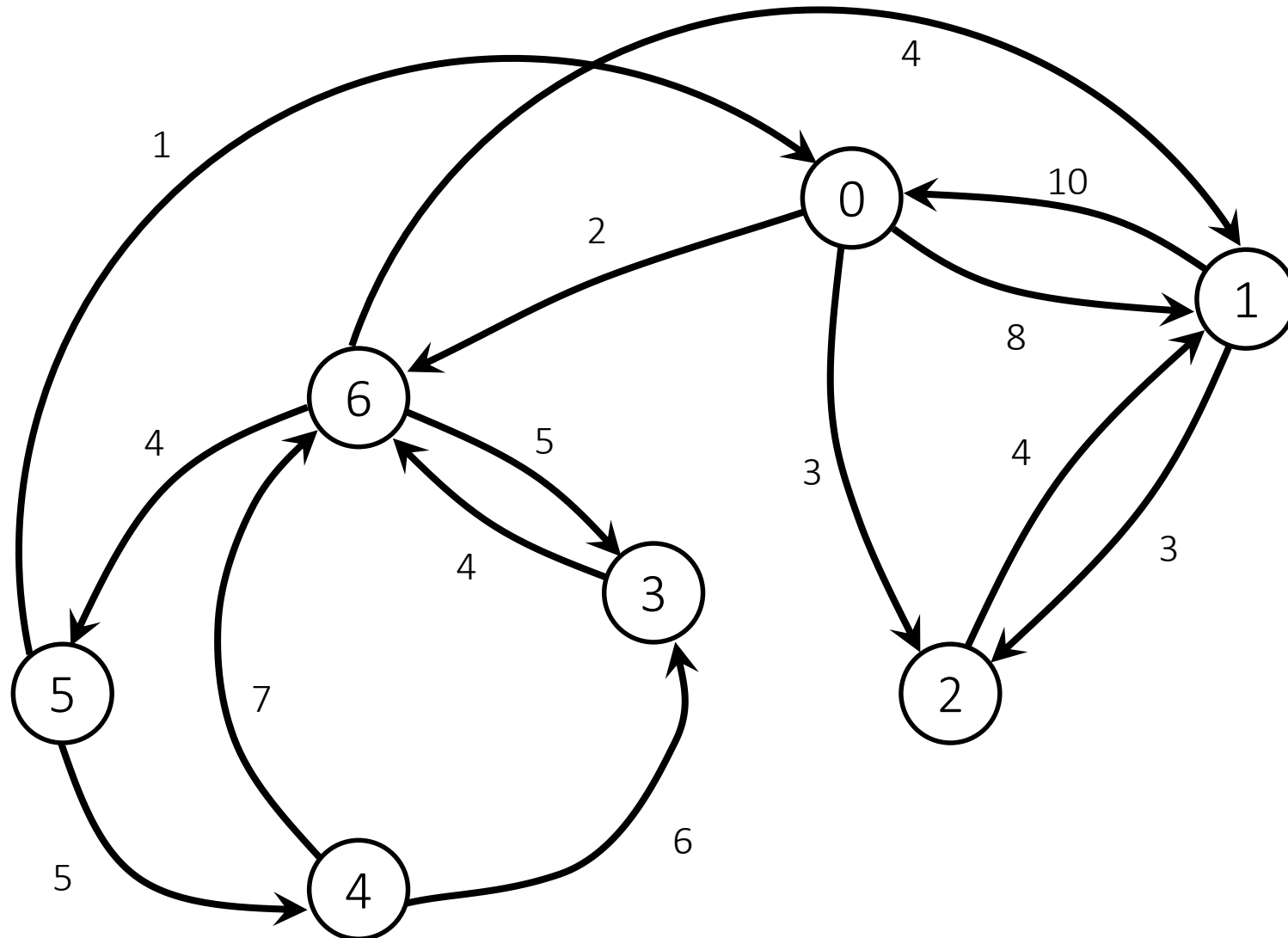
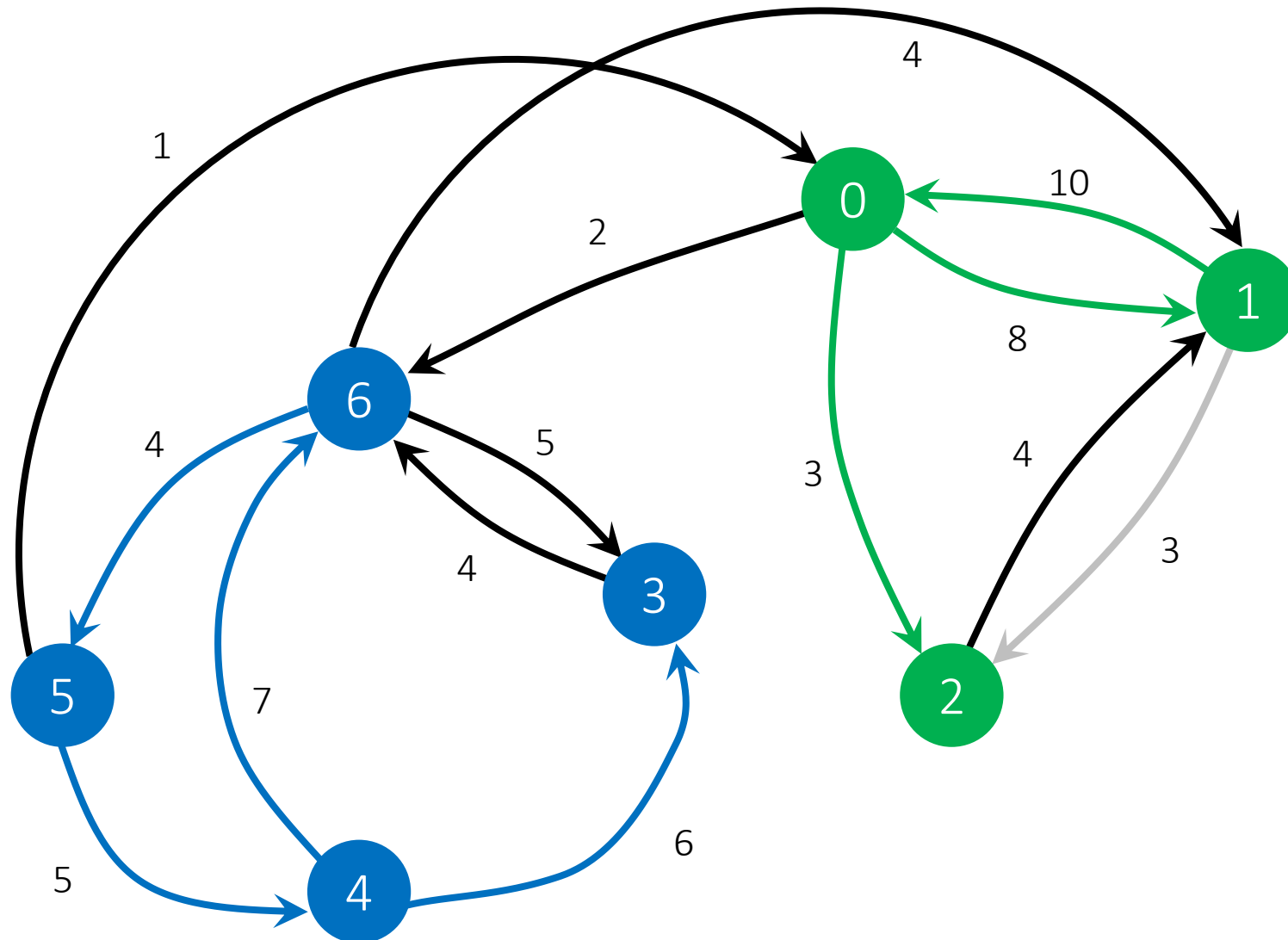


# Graph

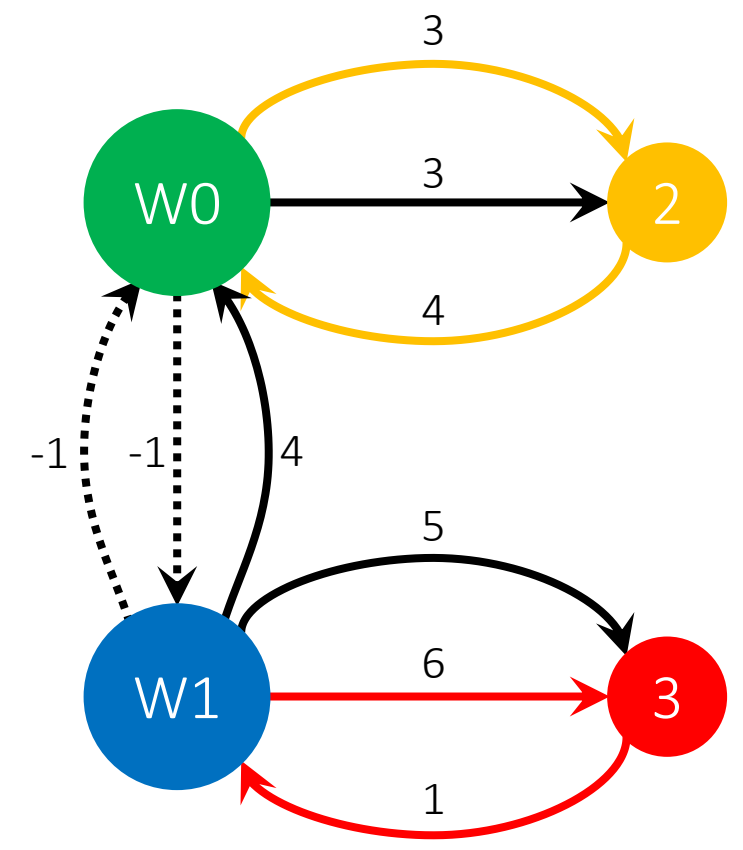
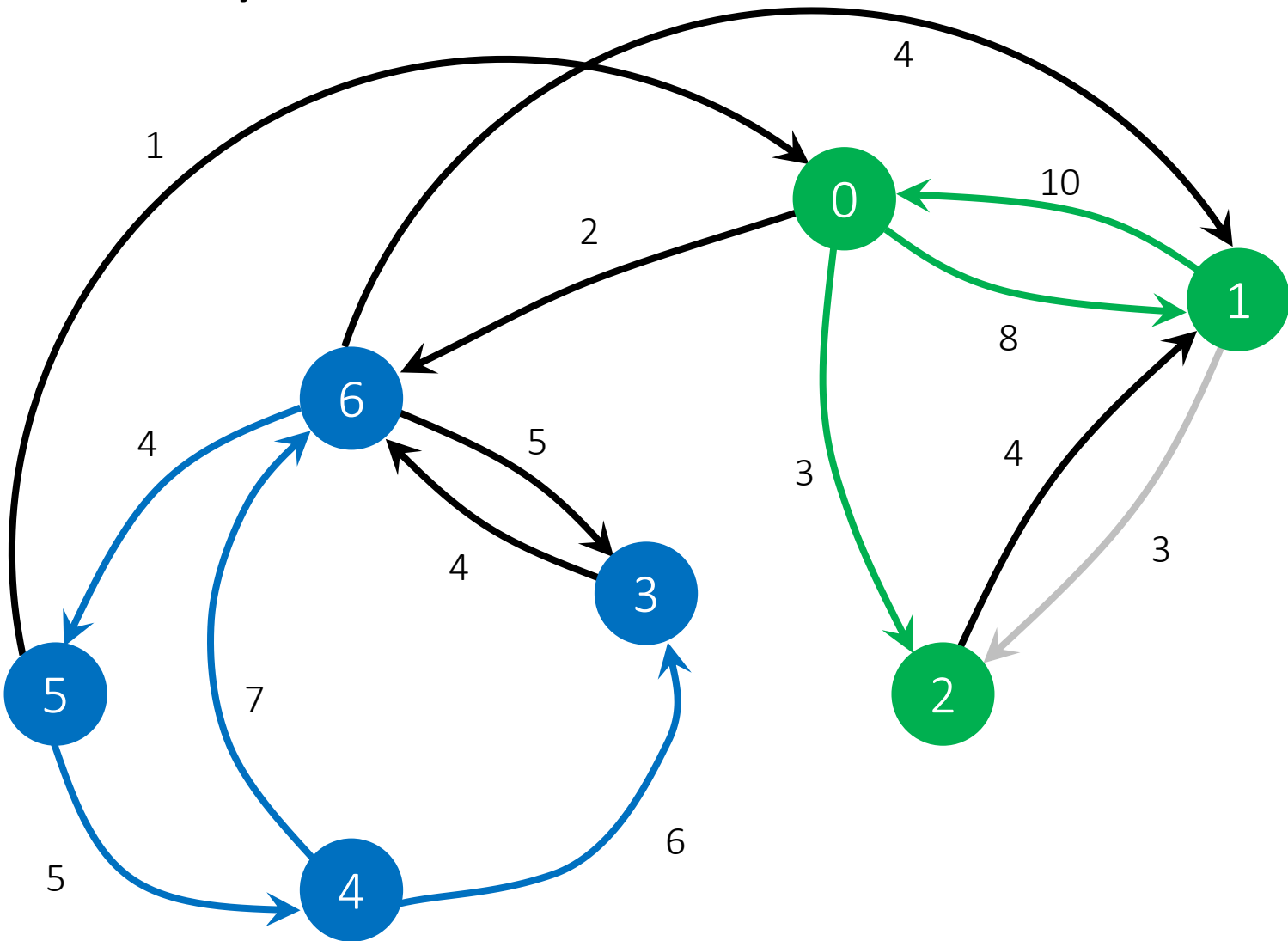


# Critical Graph

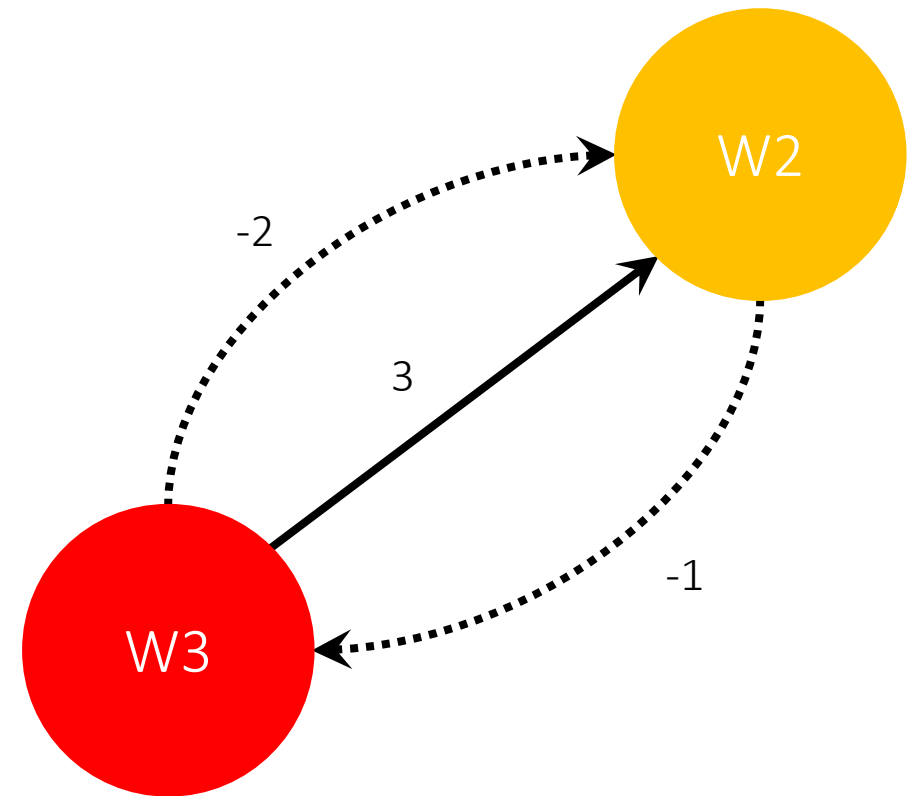
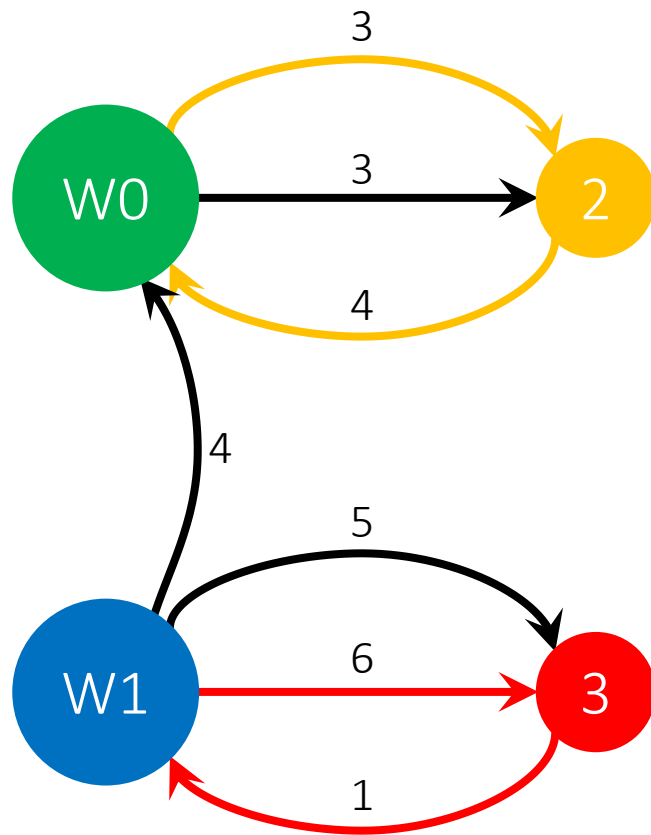
cycles:  $4 \rightarrow 6 \rightarrow 5 \rightarrow 4$ , and  $0 \rightarrow 1 \rightarrow 0$



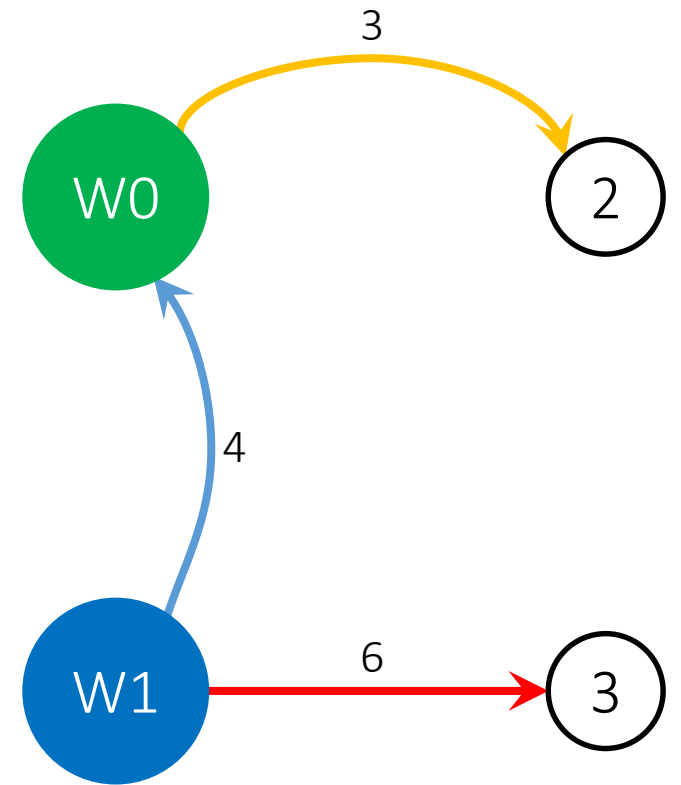
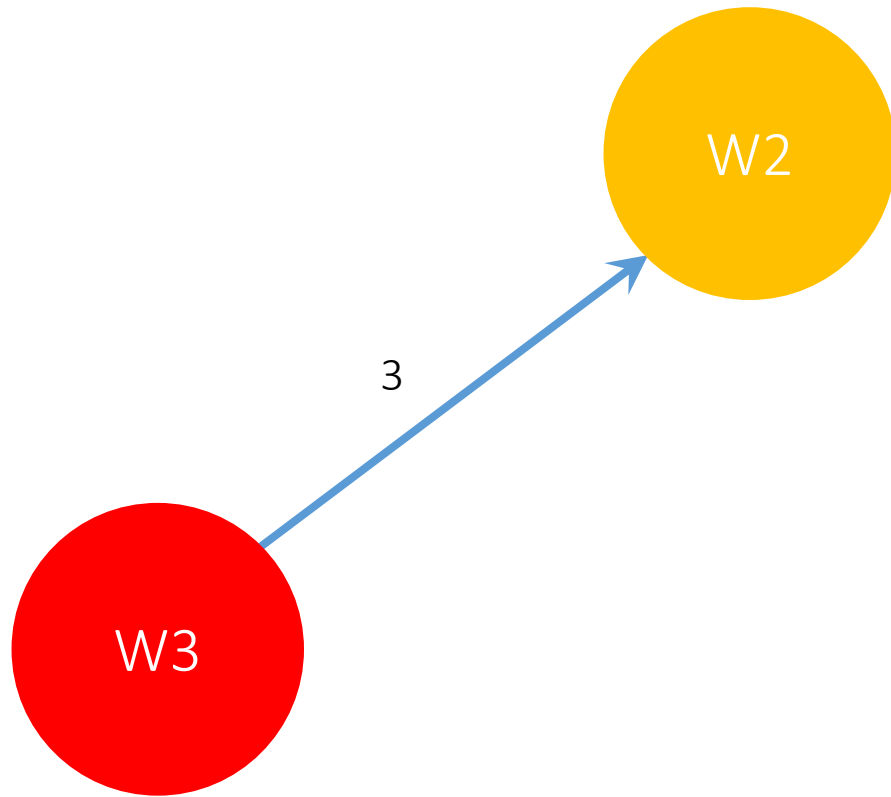
Shrink and detect new  
cycles:  $W0 \rightarrow 2 \rightarrow W0$ , and  $W1 \rightarrow 3 \rightarrow W1$



# Shrink



# Expand



# Expand

