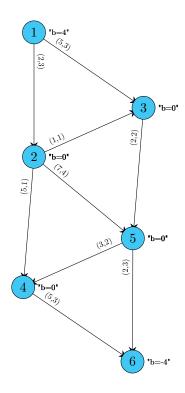
Ricerca Operativa

luca carabini

May 28, 2024

Chapter 1

Cycle Cancelling

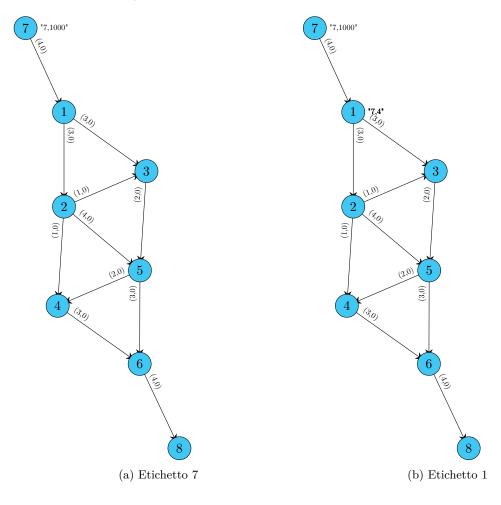


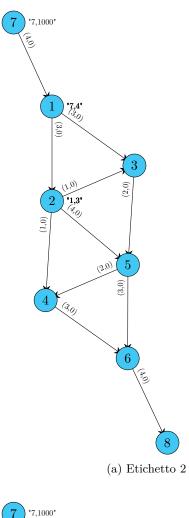
1.1 Flusso ammissibile

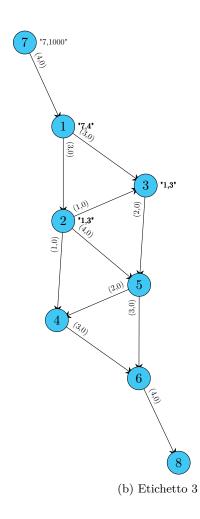
Inizio a crecare un Flusso ammissibile

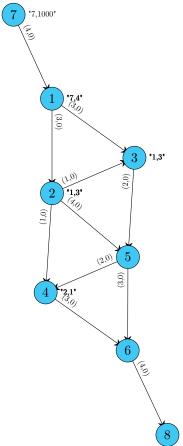
1.1.1 Iterazione 0

Inizio a etichettare i nodi partendo dal nodo s

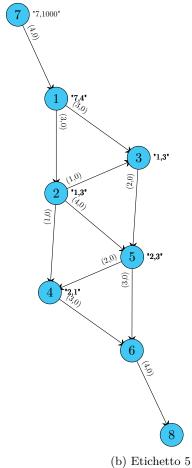


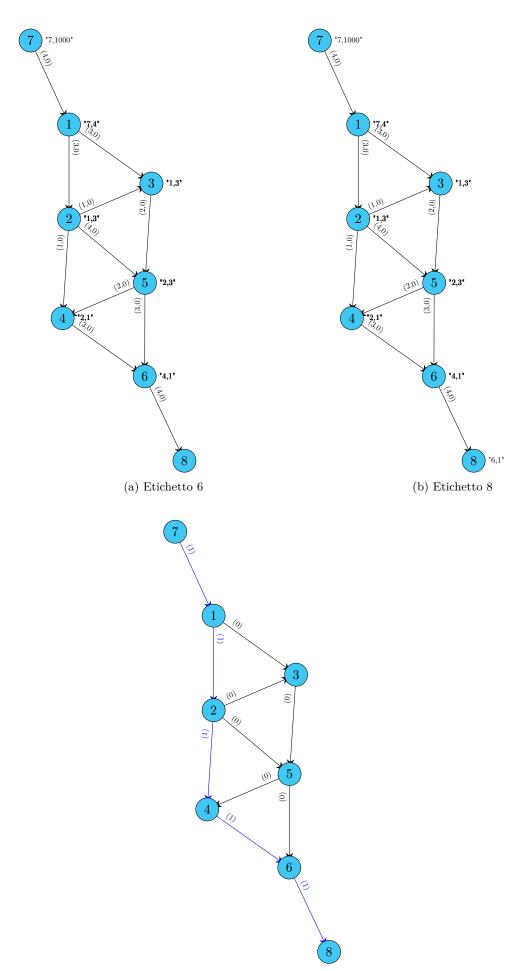






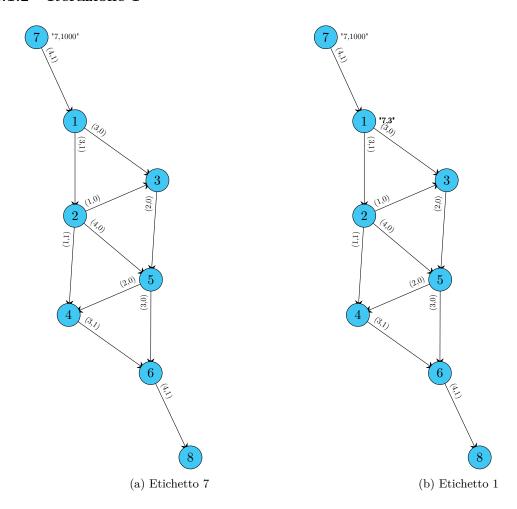
(a) Etichetto 4

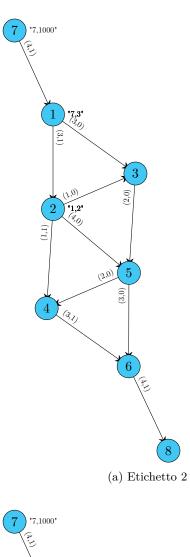


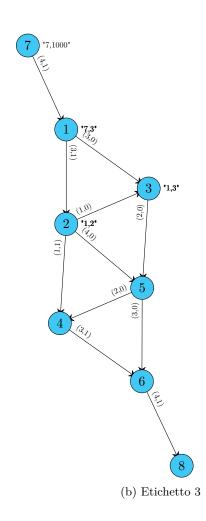


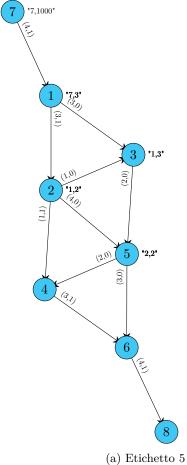
(a) Aumento il flusso di 1

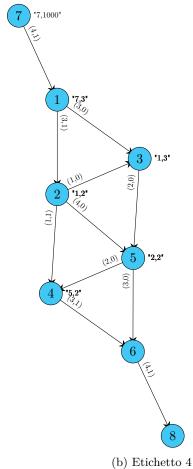
1.1.2 Iterazione 1

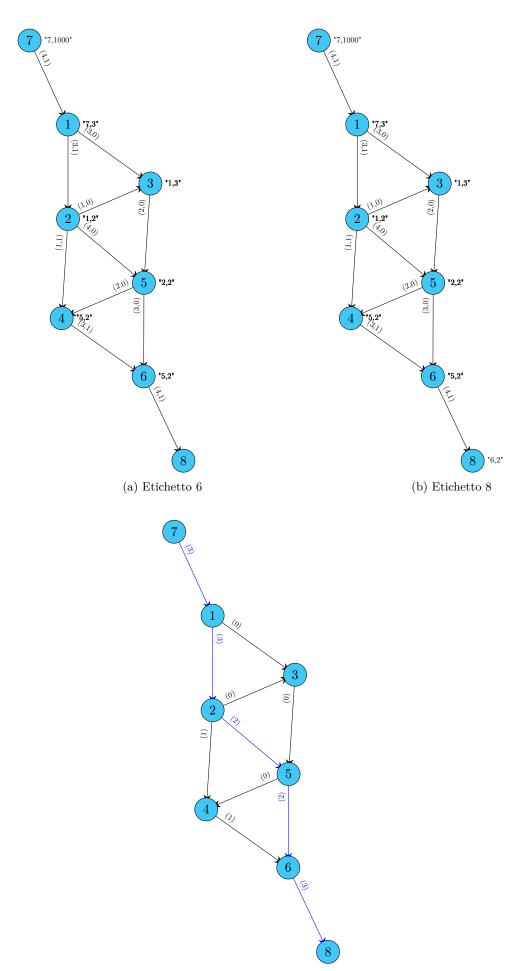






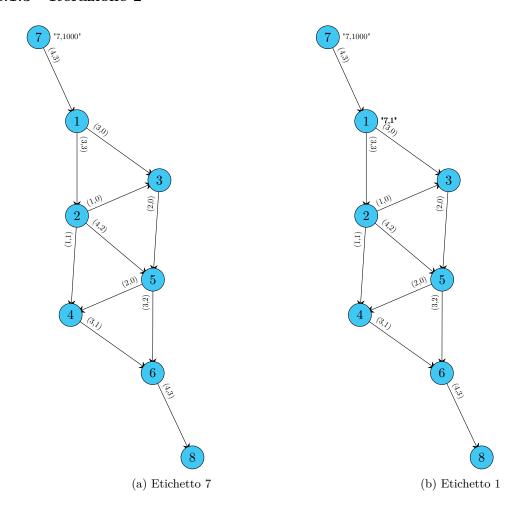


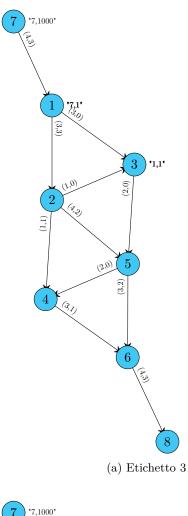


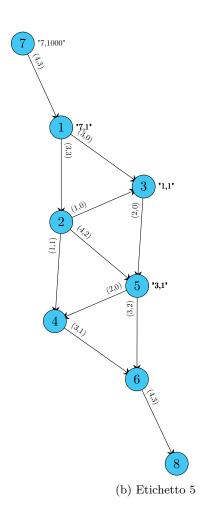


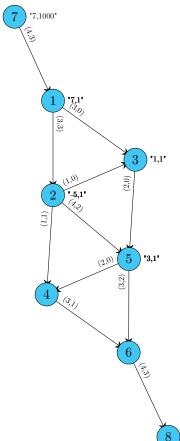
(a) Aumento il flusso di 2

1.1.3 Iterazione 2

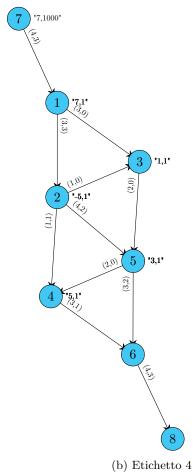


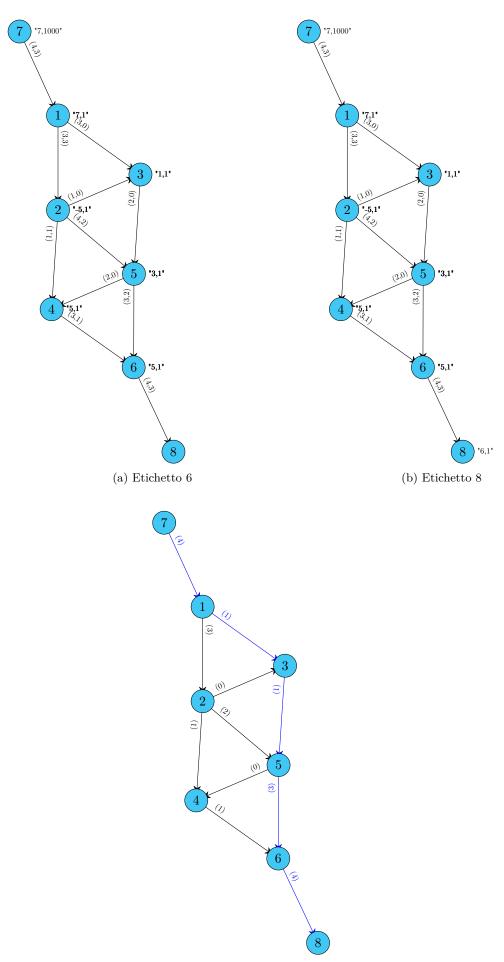






(a) Etichetto 2





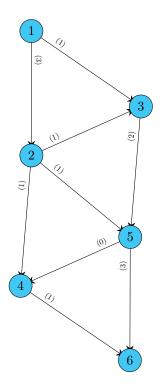
(a) Aumento il flusso di 1

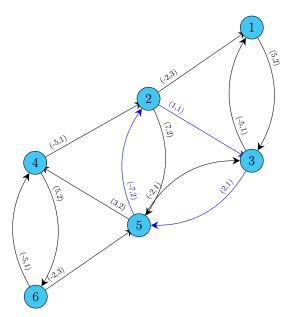
1.1.4 Iterazione 3

1.2 Ricerca di cicli di costo negativo

Inizio la ricerca di cicli di costo negativo

1.2.1 Iterazione 0



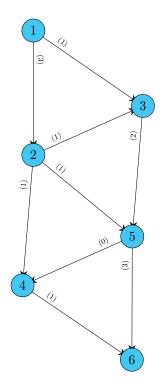


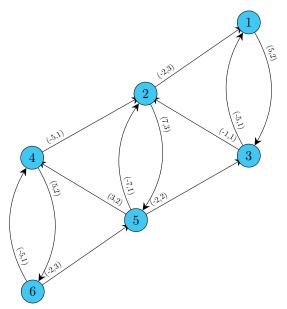
(a) Trovato ciclo di costo negativo

1.3 Ricerca di cicli di costo negativo

Inizio la ricerca di cicli di costo negativo

1.3.1 Iterazione 1

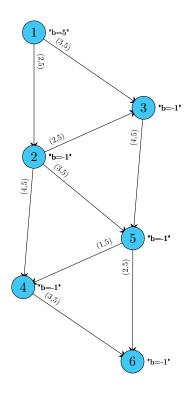




(a) Non ci sono più cicli di costo negativo, flusso minimo trovatol

Chapter 2

Cycle Cancelling

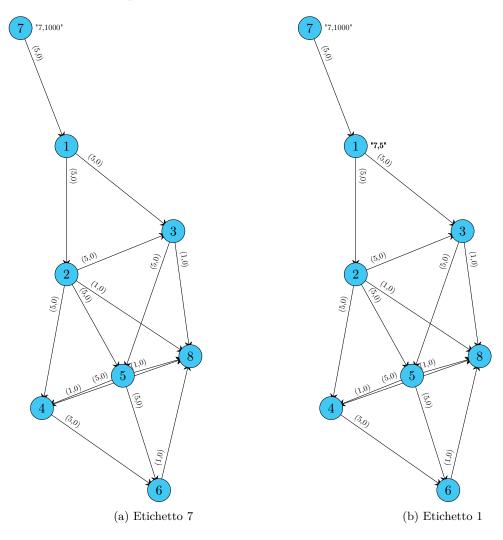


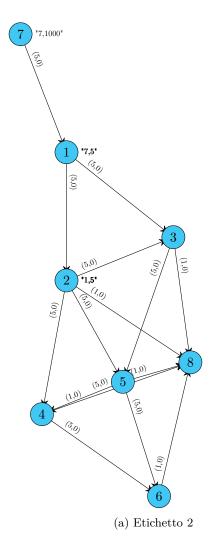
2.1 Flusso ammissibile

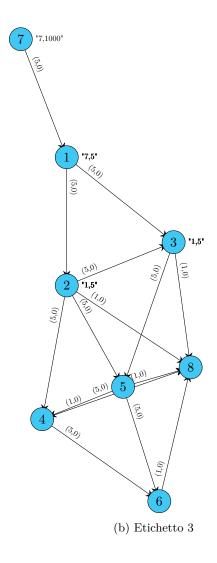
Inizio a crecare un Flusso ammissibile

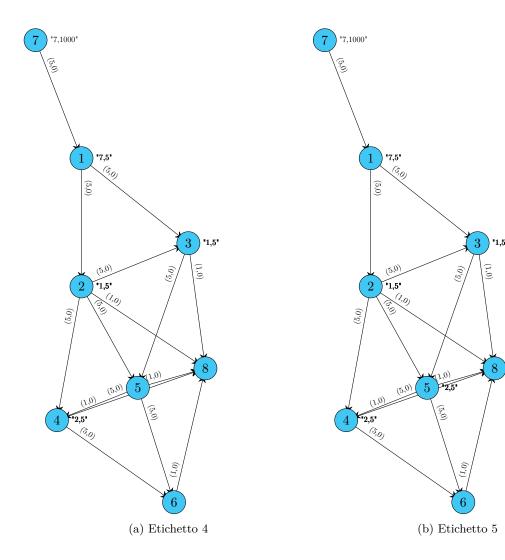
2.1.1 Iterazione 0

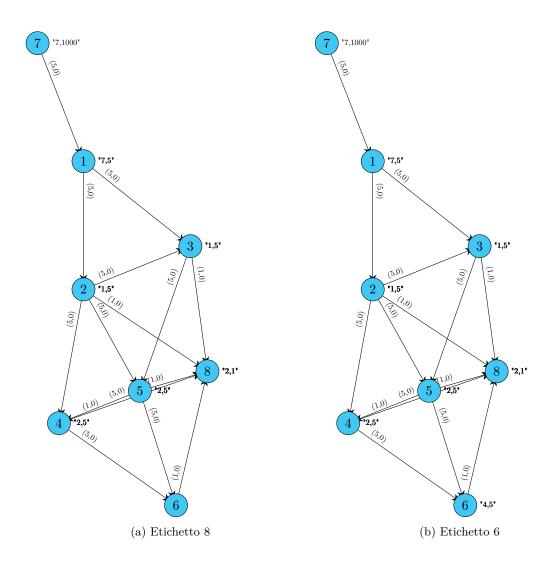
Inizio a etichettare i nodi partendo dal nodo s

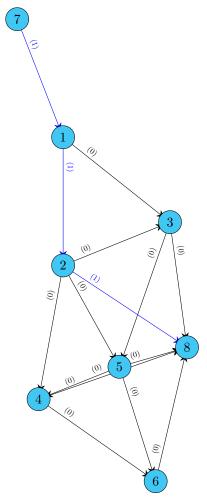






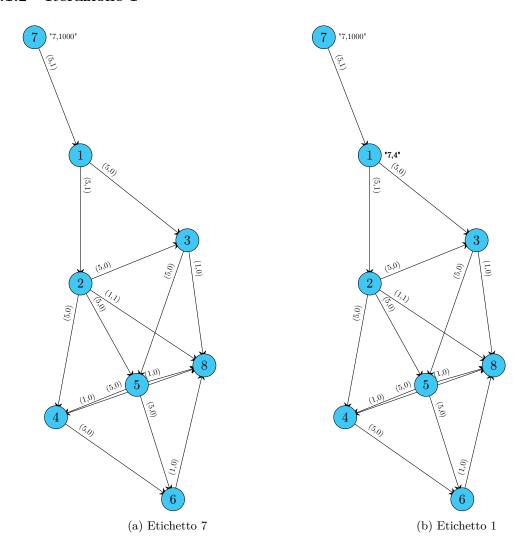


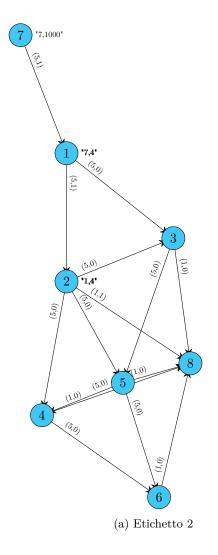


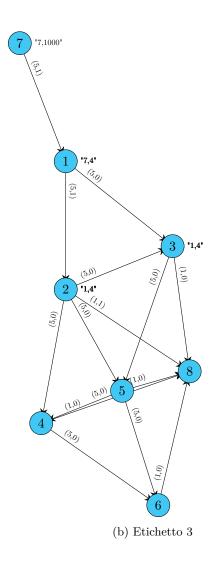


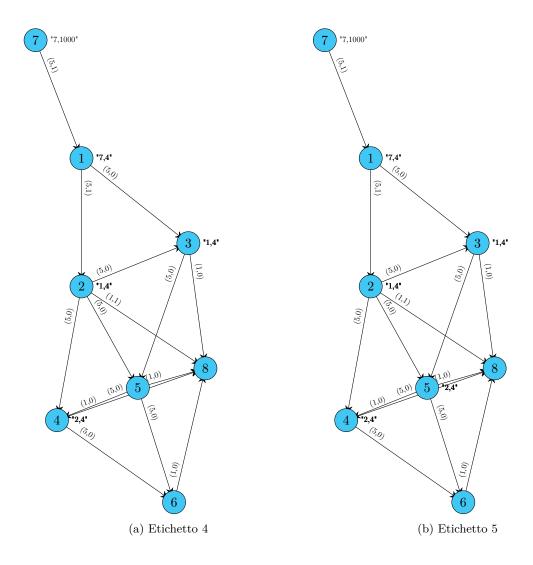
(a) Aumento il flusso di 1

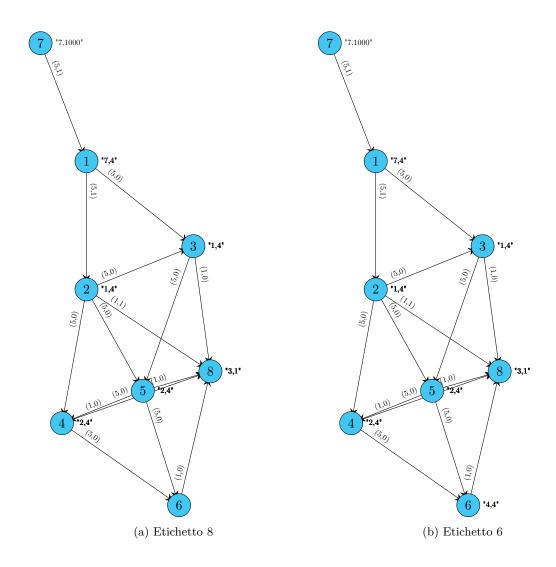
2.1.2 Iterazione 1

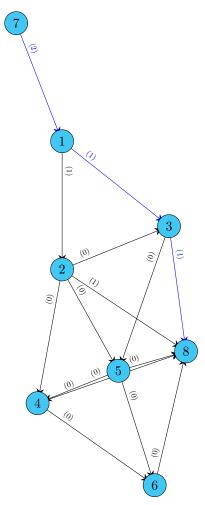






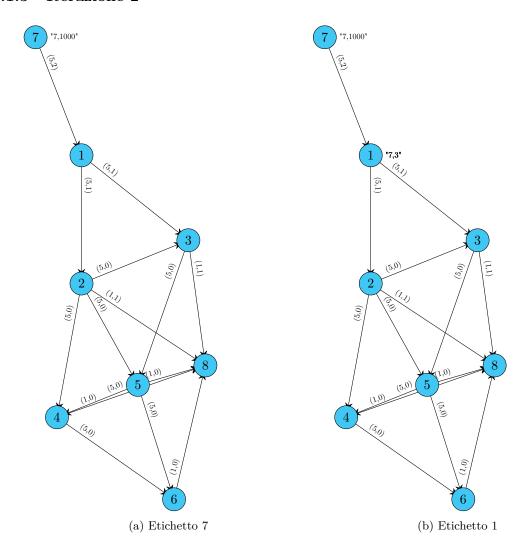


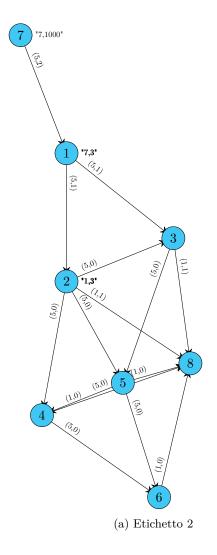


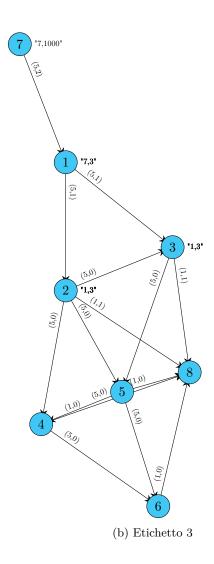


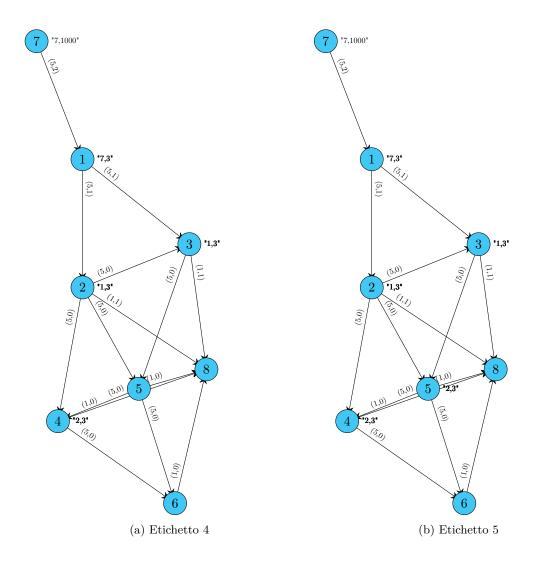
(a) Aumento il flusso di 1

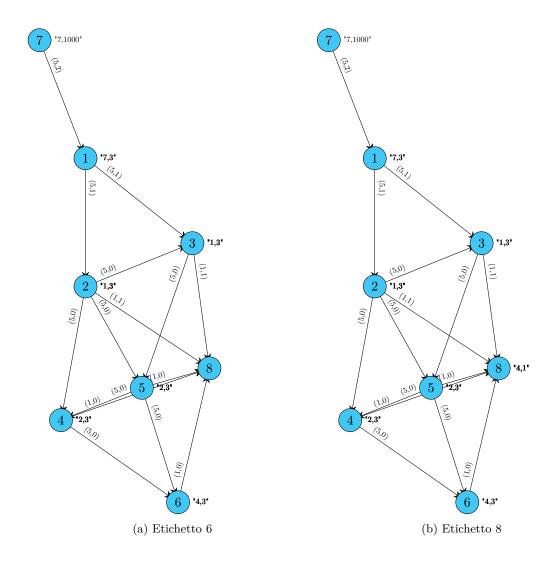
2.1.3 Iterazione 2

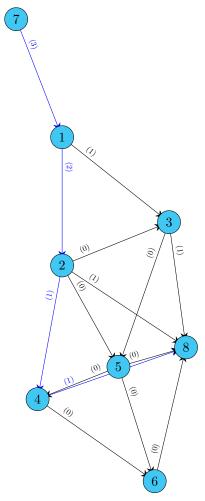






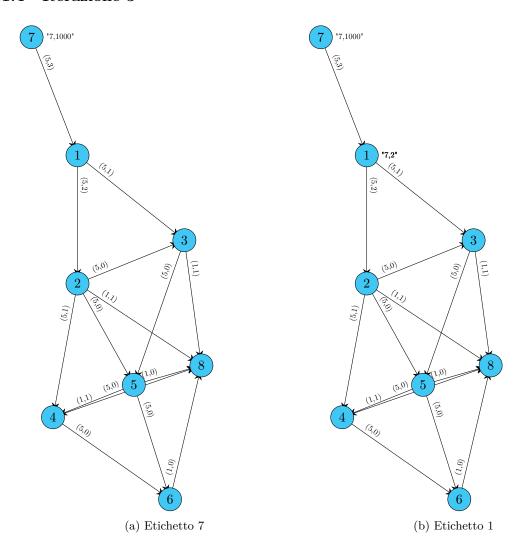


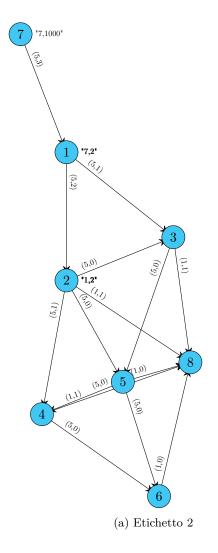


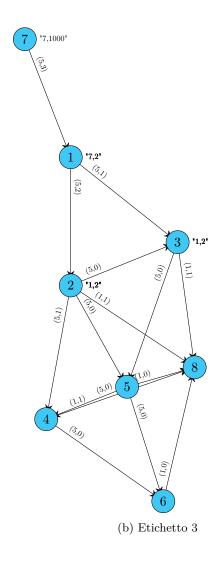


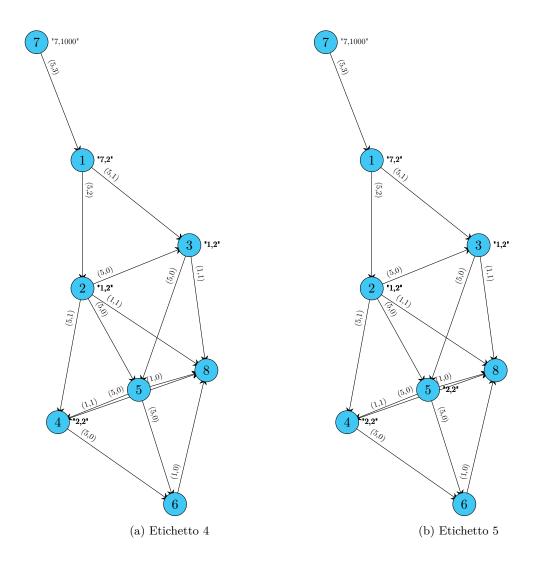
(a) Aumento il flusso di 1

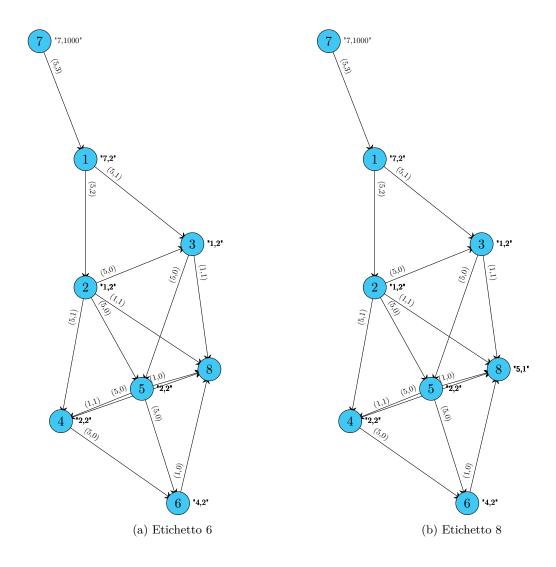
2.1.4 Iterazione 3

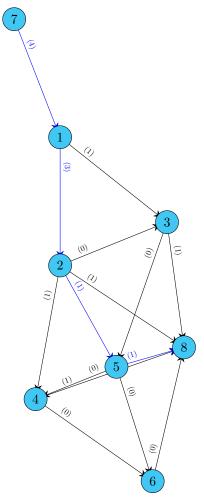






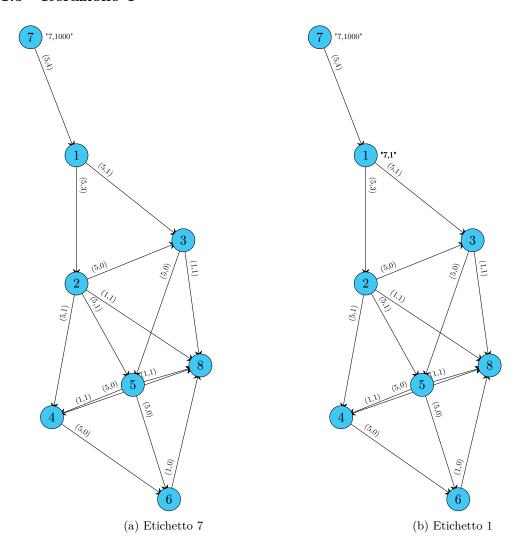


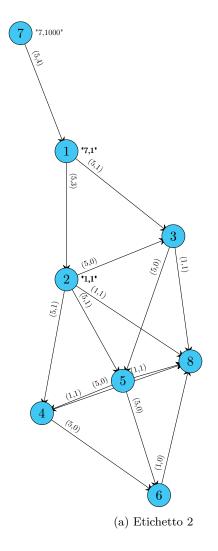


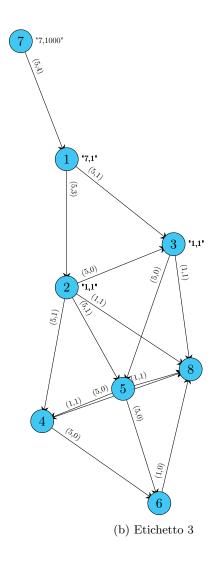


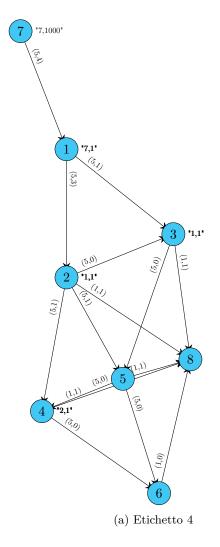
(a) Aumento il flusso di 1

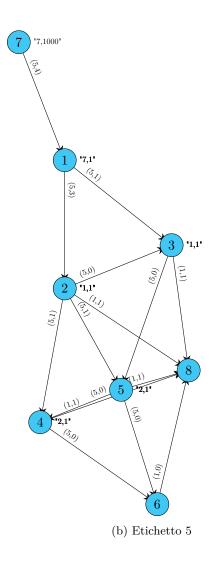
2.1.5 Iterazione 4

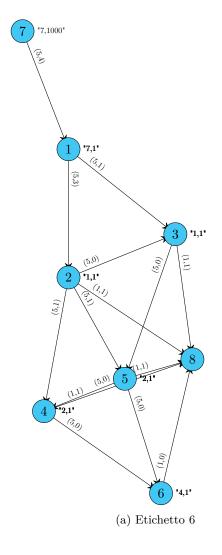


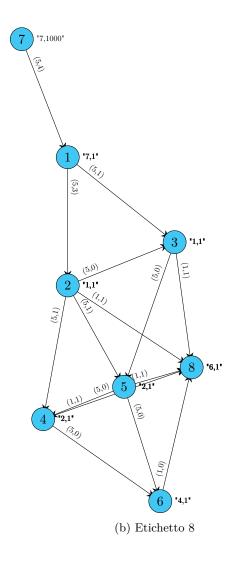


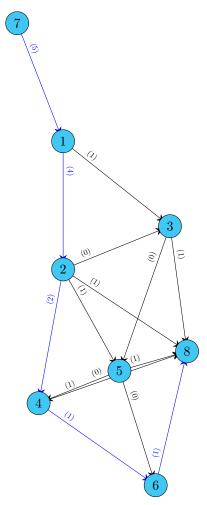












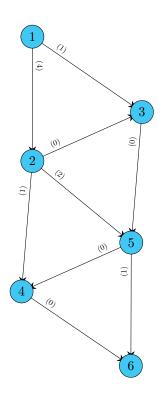
(a) Aumento il flusso di 1

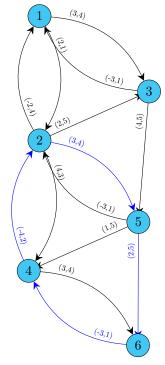
2.1.6 Iterazione 5

2.2 Ricerca di cicli di costo negativo

Inizio la ricerca di cicli di costo negativo

2.2.1 Iterazione 0



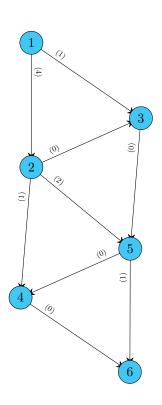


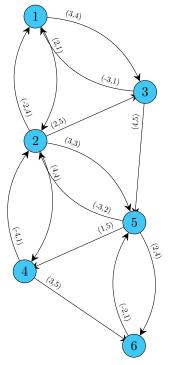
(a) Trovato ciclo di costo negativo

2.3 Ricerca di cicli di costo negativo

Inizio la ricerca di cicli di costo negativo

$2.3.1 \quad Iterazione \ 1$





(a) Non ci sono più cicli di costo negativo, flusso minimo trovato!