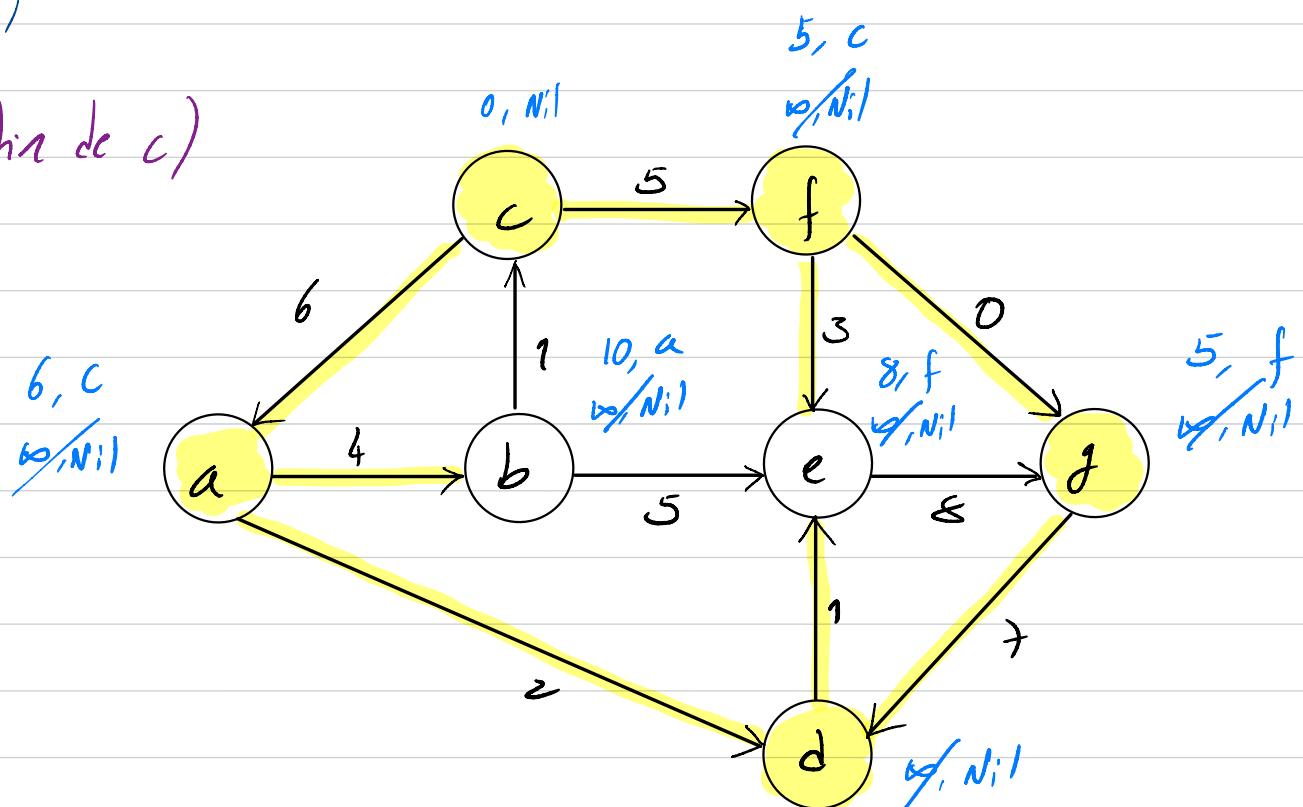


Luiza 08



Q1 (J1 06/07 II.1)

(Dijkstra op puntin de c)



a: 6, C

b: 10, a

c: 0, Nil

d: 8, a

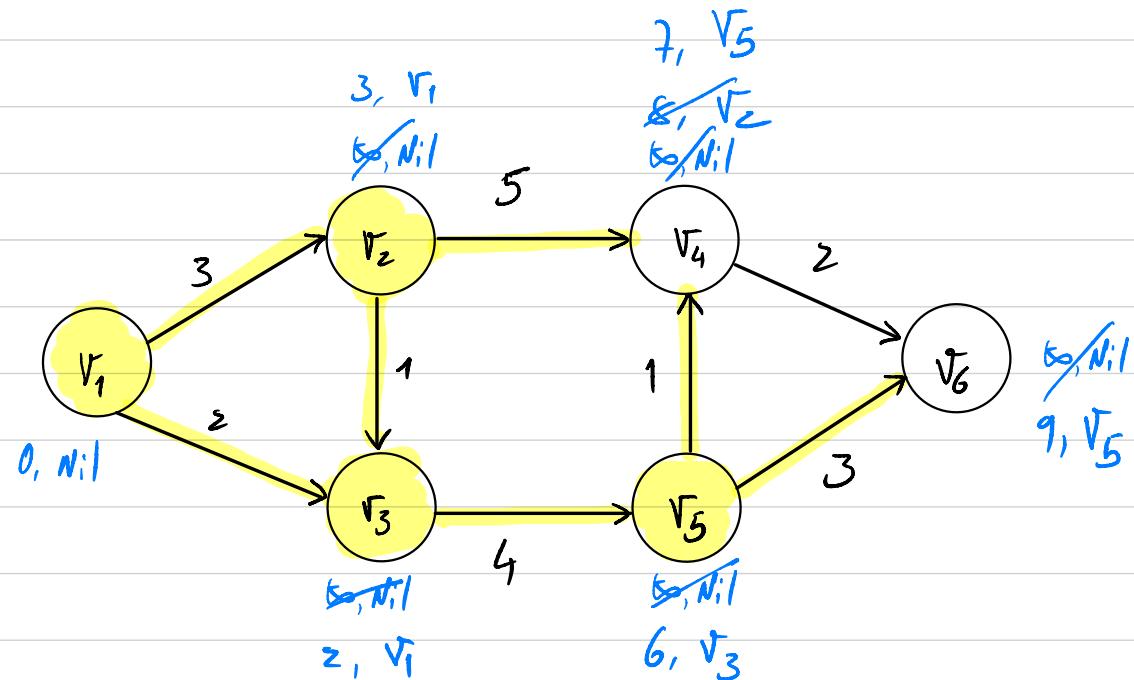
e: 8, f

f: 5, C

g: 5, f

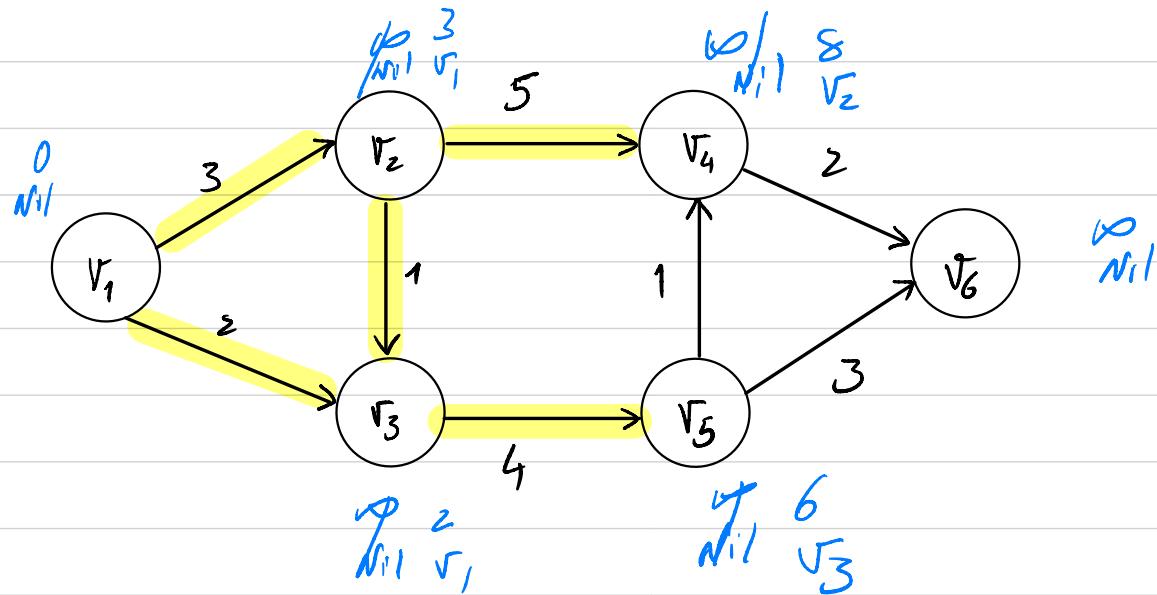
Q2.1 (TI 08/09 II.3)

Dijkstas algoritme de V_1 (také V_5 sei rotulado)



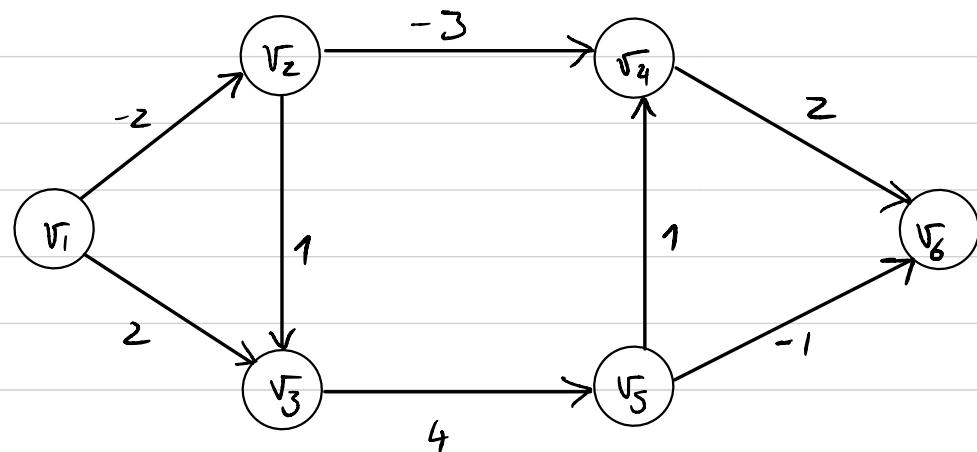
Q2. 2

DAG showing paths a function of v_i (após serem processados **cancos**)



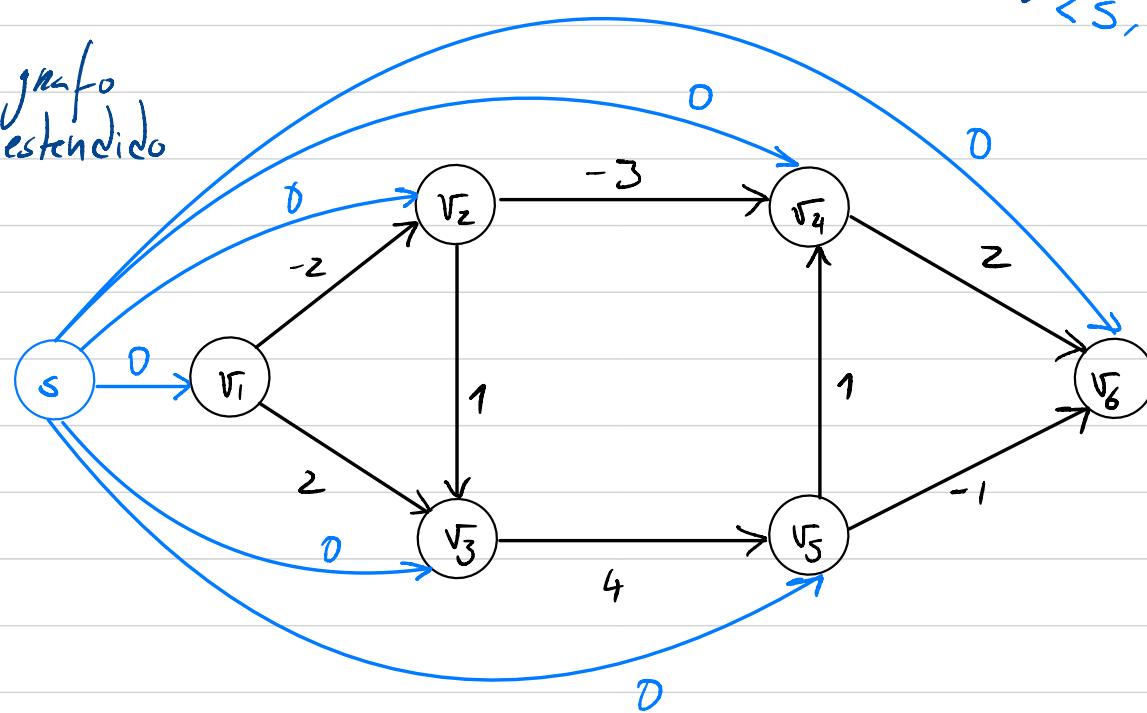
Ordenação Topológica: $\langle v_1, v_2, v_3, v_5, v_4, v_6 \rangle$

Q3 (R1 08/09 - II.3)

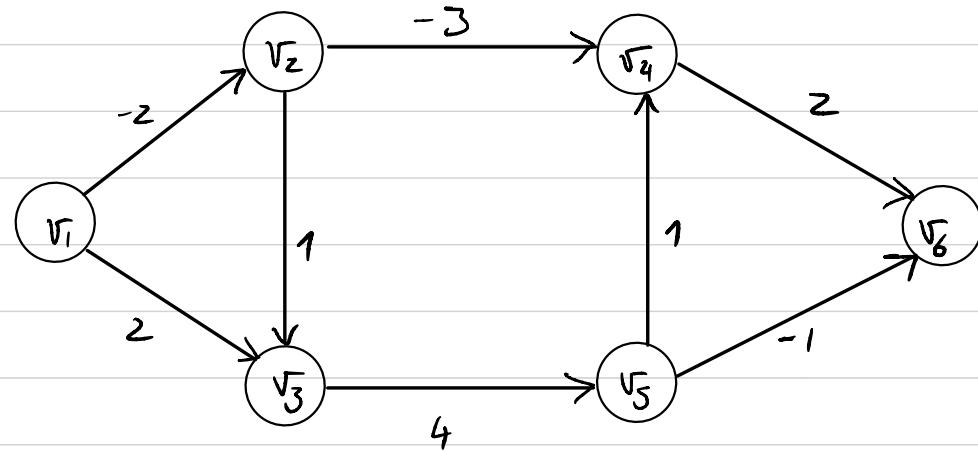


Topological Order:
 $\langle s, v_1, v_2, v_3, v_5, v_4, v_6 \rangle$

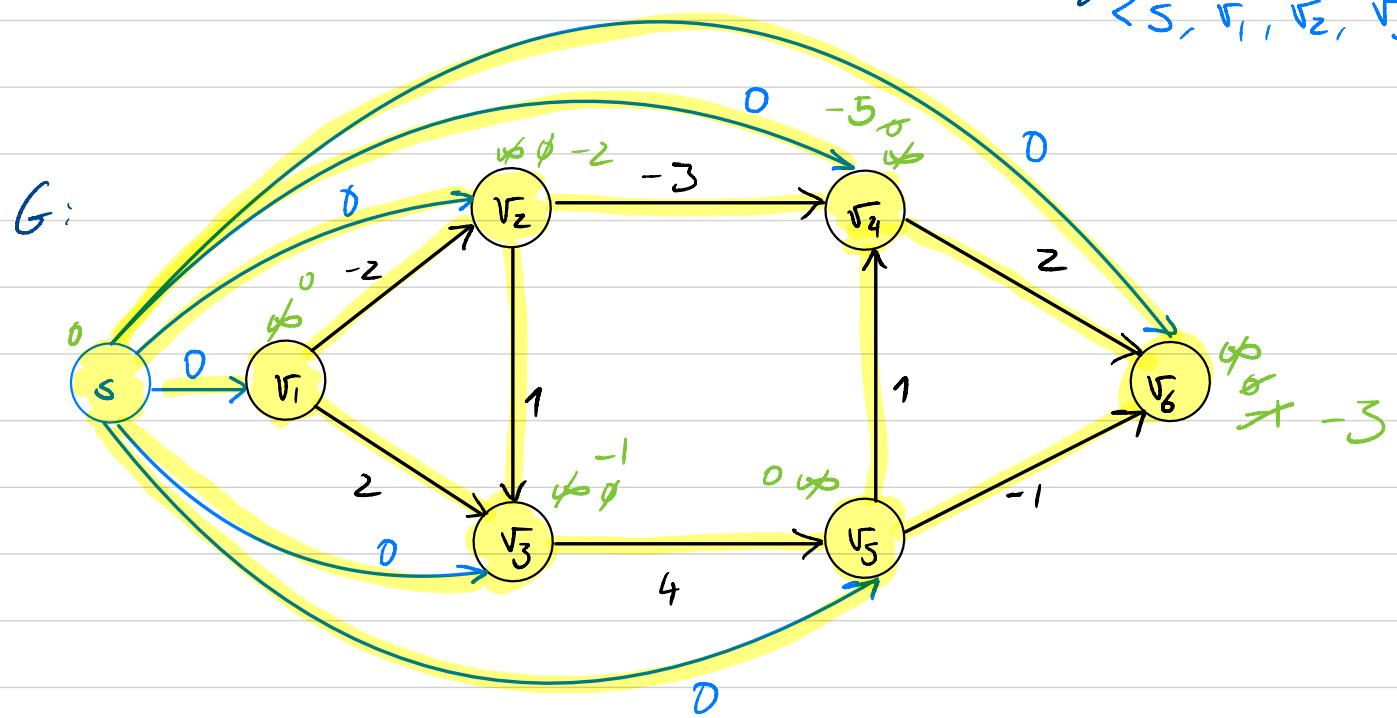
\bar{G} : grafo estendido



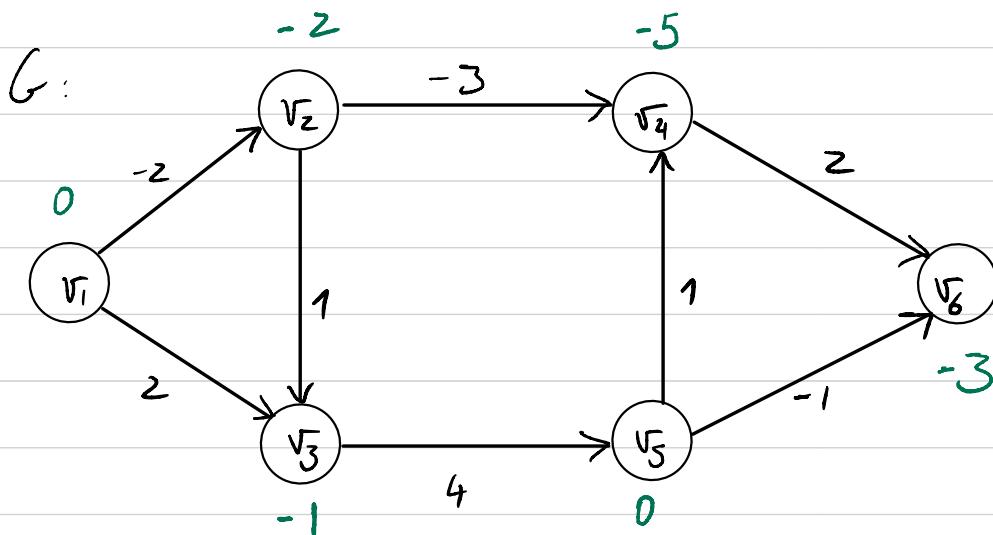
Q3 (R1 08/09 - II.3)



Topological Order:
 $\langle S, V_1, V_2, V_3, V_4, V_5, V_6 \rangle$

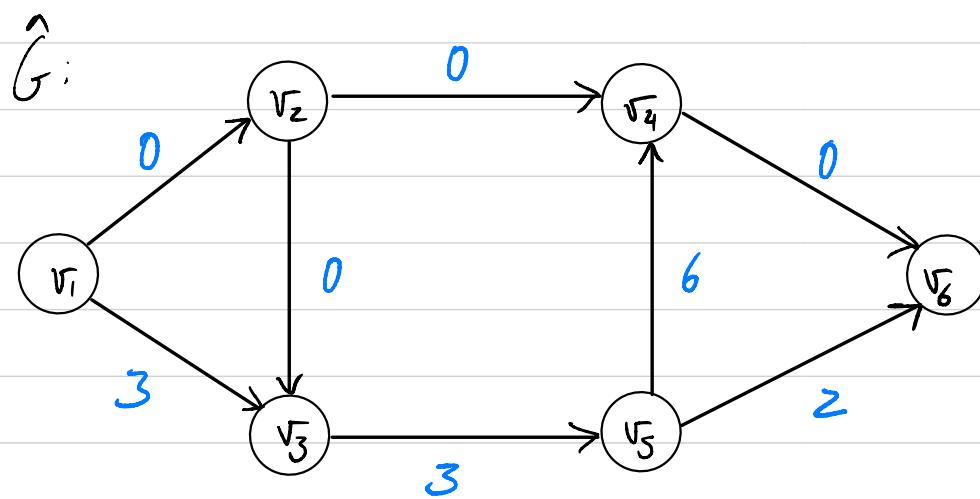


Q3 (R1 08/09 - II.3)

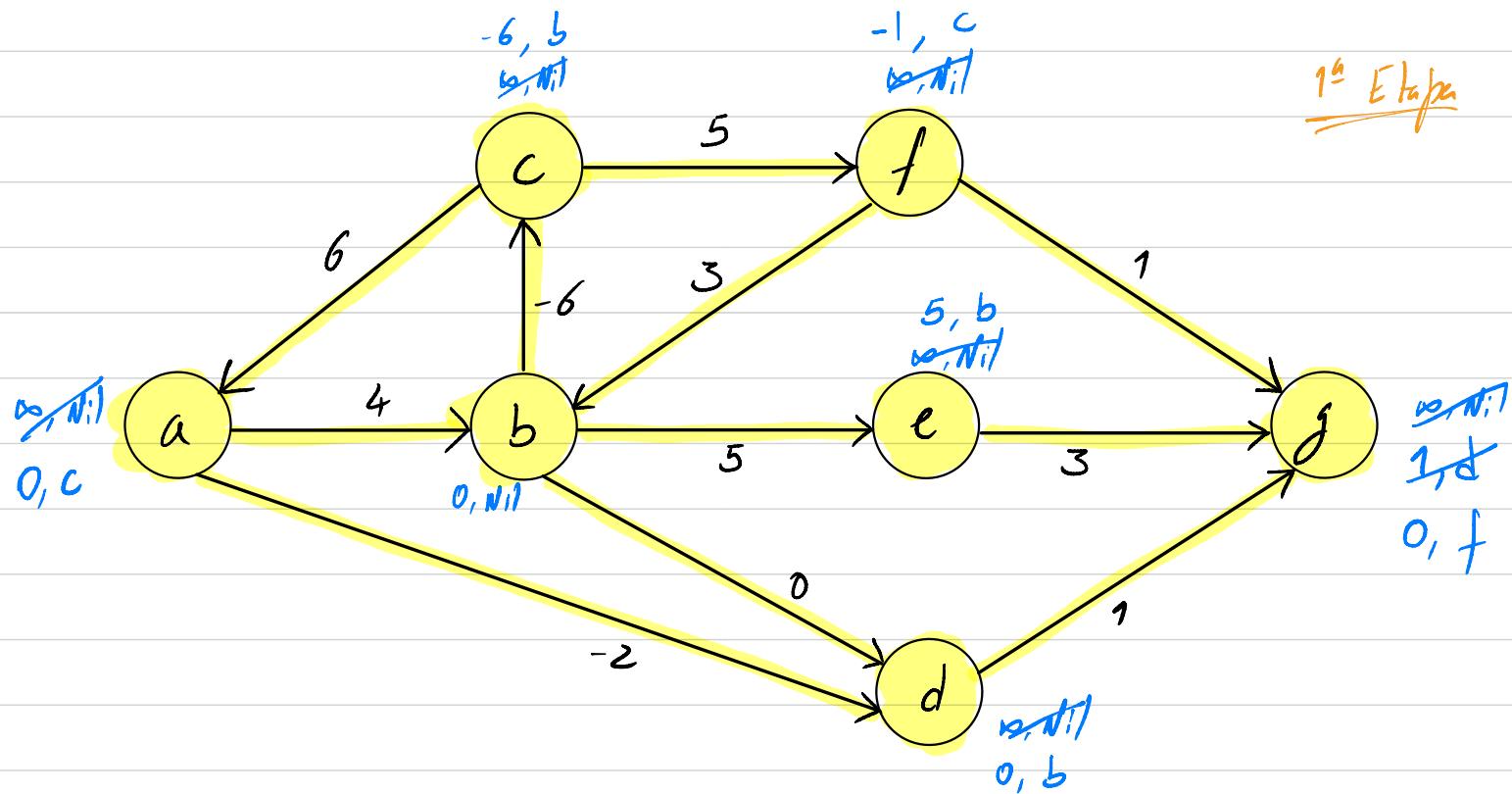


- Alturas de Johnson representadas em cima de cada nó.

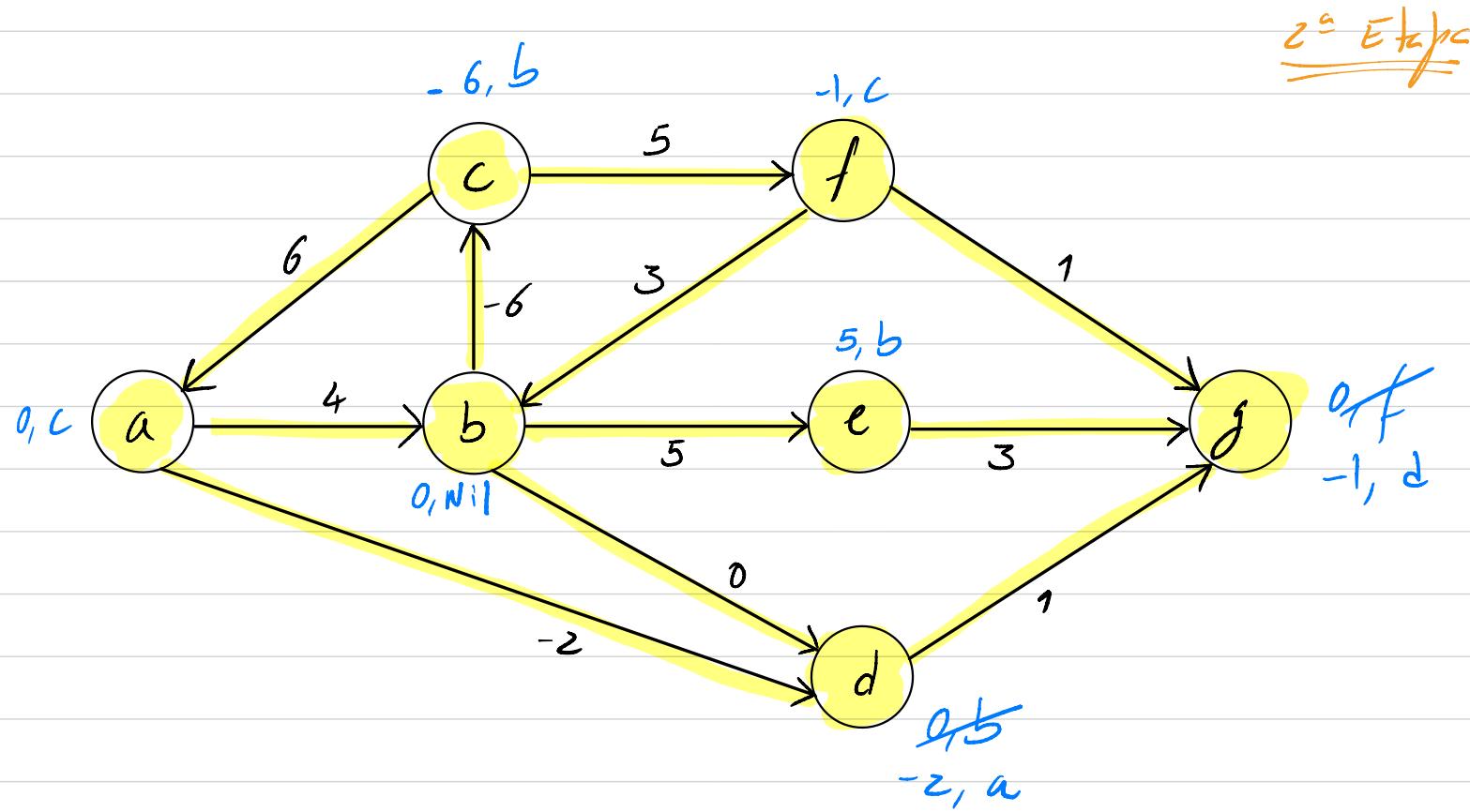
$$\hat{w}(u, v) = w(u, v) + h(u) - h(v)$$



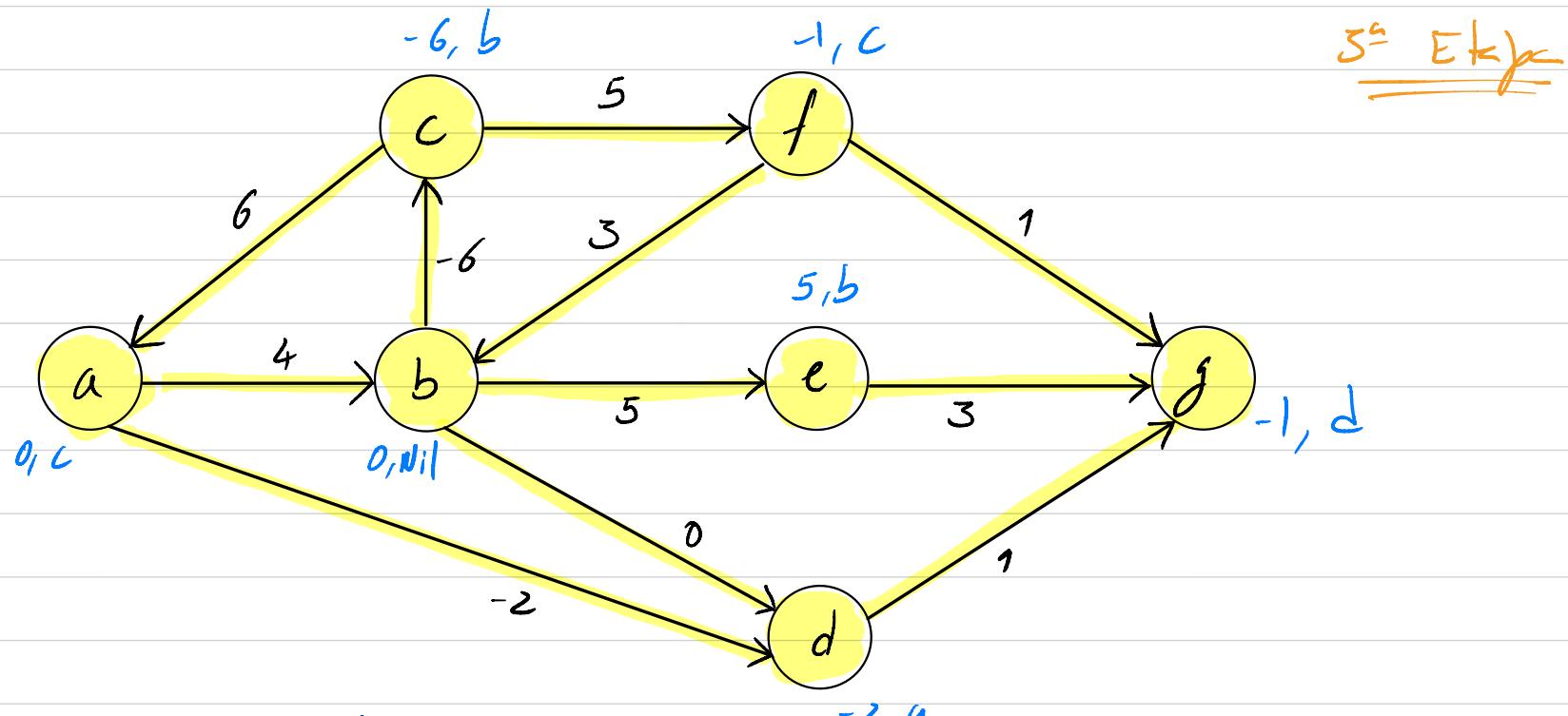
Q4 (R. 06/07 II-1)



Q4 (R. 06/07 II-1)



Q4 (R. 06/07 II-1)



a: 0, c

b: 0, nil

c: -6, b

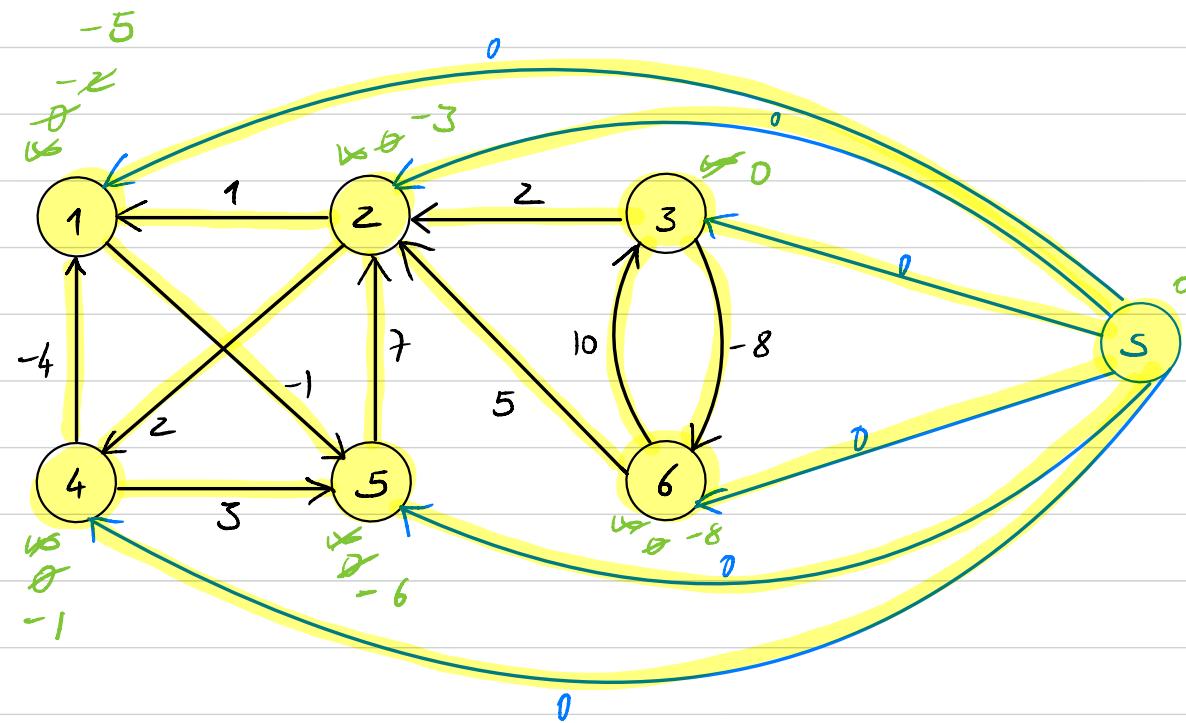
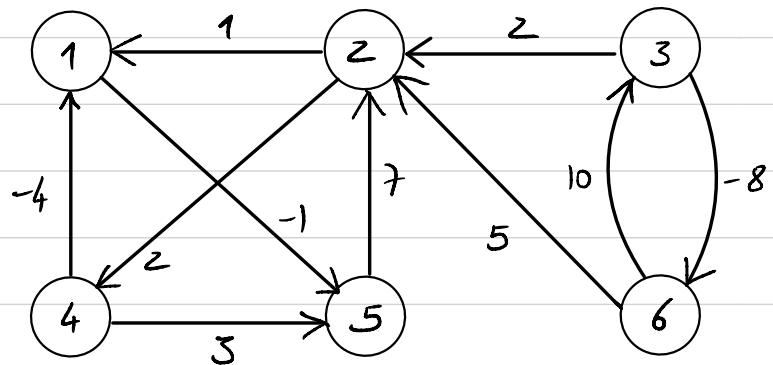
f: -1, c

e: 5, b

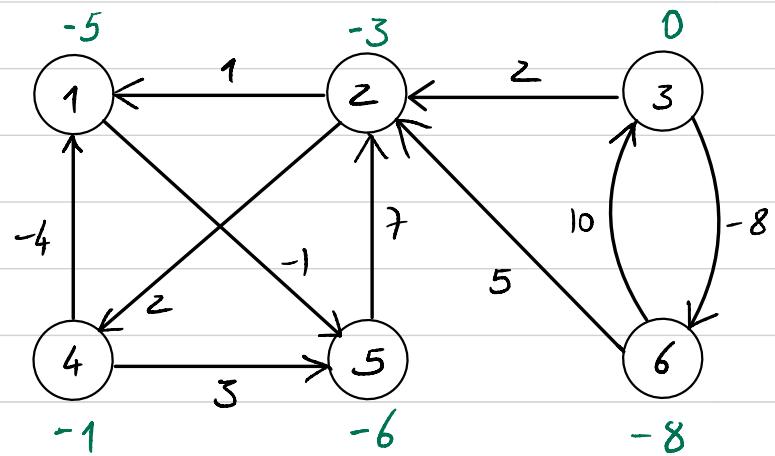
d: -2, a

g: -1, d

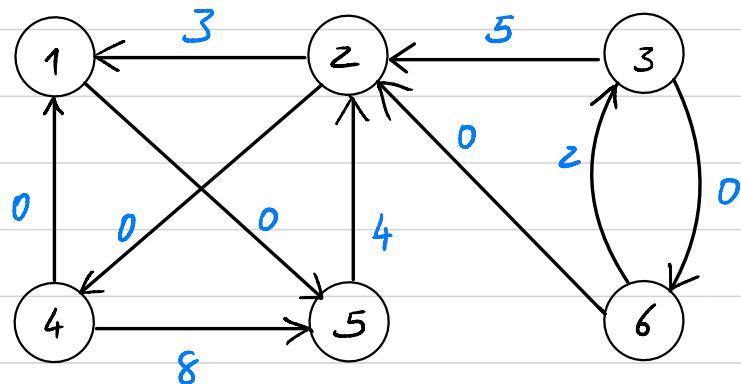
QS (25.3-1)



Q5 (25.3-1)



\hat{G} :



$$\hat{w}(u, v) = w(u, v) + h(u) - h(v)$$

Q6 (08/09 II.Z)

1. V

2. V

3. F

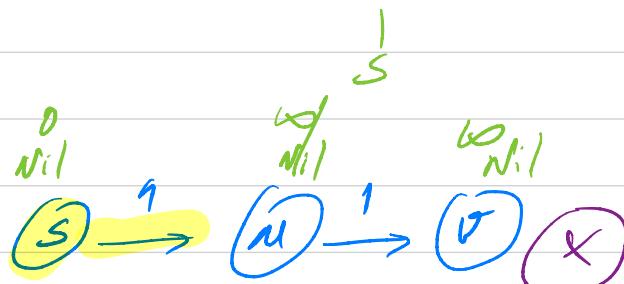
4. F

5. V

6. F

7. F

8. \bar{F}



$$\underline{\delta(S, \bar{F})} = 3$$

