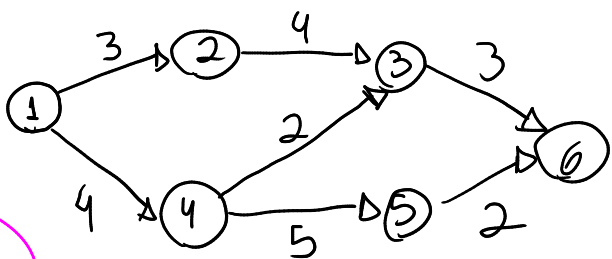


Teste de Mesa da Bellman-Ford

$n = |V| = 6; n-1 = 5$

G



$\Delta = \begin{pmatrix} 1 \\ 2 \end{pmatrix}$

E: conj. de arcos

	1	2	3	4	5	Ciclosky
(3,6)
(5,6)
(2,3)
(4,5)
(4,3)
(1,2)
(1,4)

	D	A
1	0 0	n
2	3 3	1 1
3	6 6	4 4
4	4 4	1 1
5	9 9	4 4
6	9 9	3 3

$1 \rightarrow 4$ Custo: 4

$1 \rightarrow 4$

$1 \rightarrow 5$ Custo: 9

$1 \rightarrow 4 \rightarrow 5$

$1 \rightarrow 1$ custo: 0

$1 \rightarrow 2$

Custo: 3

$1 \rightarrow 2$

$1 \rightarrow 3$

Custo: 6

$1 \rightarrow 4 \rightarrow 3$

$1 \rightarrow 6$

Custo: 9

$1 \rightarrow 4 \rightarrow 3 \rightarrow 6$

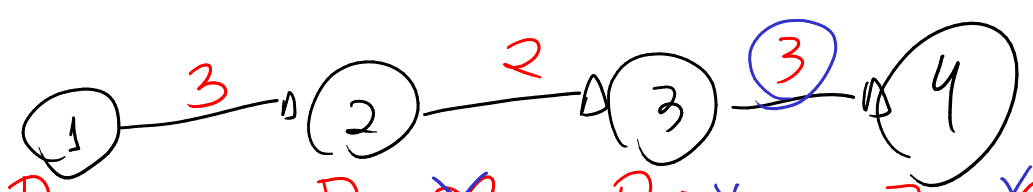
Dijkstra

$n=4$

$n-1 \times$

$\Delta = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$

G



$D_1 = 0$

$D_2 = \cancel{3}$

$D_3 = \cancel{5}$

$D_4 = \cancel{8}$

Ordem da visita dos arcos seria:

(3,4), (2,3), (1,2)

$\Delta = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$

	1	2	3
1	✓	✓	✓
2	✓	✓	✓
3	✓	✓	✓

$D_a = \infty$

$D_b > \infty$

$D_c > \infty$

Dijkstra