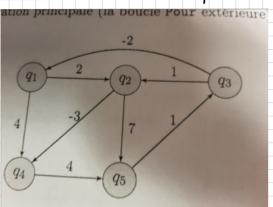
$O(m^3)$ 

AL5 - TD6 : Floyd - Warshall

## Exercise 1 No to All - toutes les diet depuis tous les sommets



k=0	Z.Y	1	٤	3	4	5
	1	0	2		4	
	2		٥		-3	7
	3	-2	_1	0		
	4				0	4
	5			1		0
k=1		1	٤	3	4	5
	1	0	2		4	
$\checkmark$	2		٥		-3	7
	3	-2	٥	0	2	
	4				٥	4
	5	_		_1		C

$$U_{3,1}^{\circ} + U_{1,2}^{\circ} < U_{1,2}^{\circ}$$
 $(2)$ 

-2+4 (00 =) on a hours un