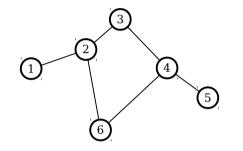
Graph Theory - Representations



- \bigcirc := node, vertex
- := edge, link, connection
- n := number of nodes in the graph.
- m := number of edges in the graph.

Edge list:

 $E = \{(1,2), (2,3), (2,6), (3,4), (4,5), (4,6)\}$

Adjacency matrix:

	1	2	3	4	5	6	
A =	0	1	0	0	0	$egin{array}{c} 0 \\ 1 \\ 0 \\ 1 \\ 0 \\ 0 \end{bmatrix}$	1
	1	0	1	0	0	1	$\frac{2}{3}$
	0	1	0	1	0	0	3
	0	0	1	0	1	1	4
	0	0	0	1	0	0	5
	0	1	0	1	0	0	6

