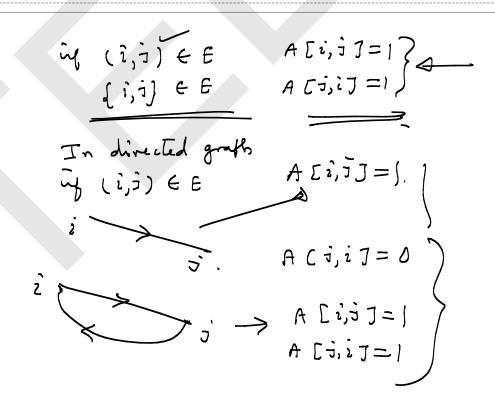
undirected graphs.



The Adj Matrix of an undirected graph is always symmetric.

i j

j in Adj List of i, we include i.

in Adj List of J, we include z.

4 2 2 3

Same edge (1,2) | .

Size of Adj List
of Directed graph is |E|
Size of Adj List
for undirected graph 2 (E)

Degree of a node is number edges incident on it.

 $\frac{1}{\sqrt{2}} d(v) = 2|E|$

i j

Recall for Directed graphs

Sout_digner (v) = | € |