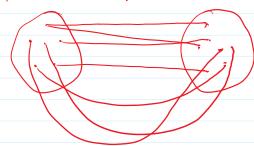
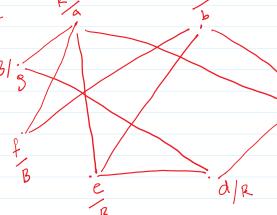
Lecture 22:

Vertices		Edges -
K2	1	Þ
KL	2	1
14	3	3
K4	4	6
1	Y	10
1		19
Kn	v .	ì
	и.	u (n-1)
		2

Bi-partite Graph.



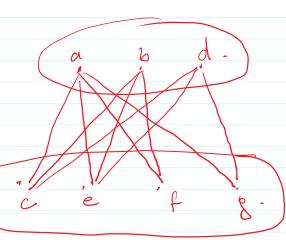
Ex21:



Red = Sa,b,d}

Blushere, figs.

c/B

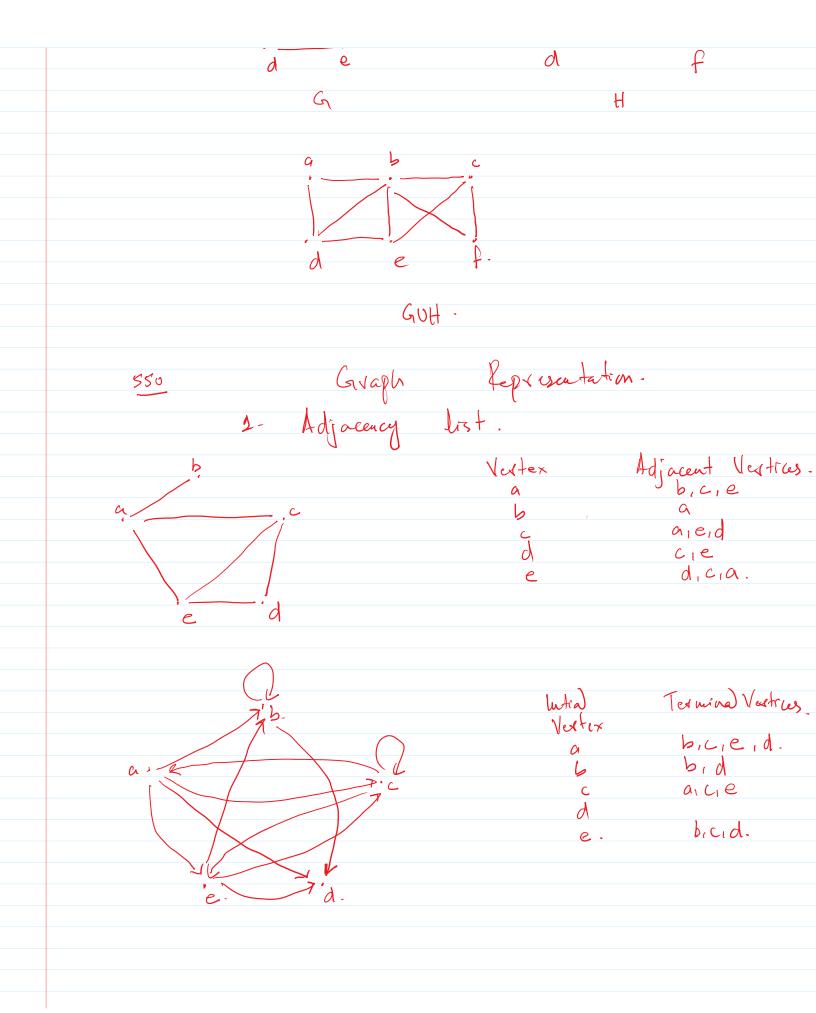


Complete bi-partite Graph.

Kmin.

KAA

rmin . K2,2 K212 K2,3 K313 Edges. MXN-Vertices Kmin. M+M. Sub Graph: G=(VIE) H=(WIF). His a Subgraph of Gil WEV A PEE. Ne faibicidief. EX17 :-546



2- Adjacency Matrix

a

a

6

b

1

c

1

a 5 c d
a 6 2 2 1
b 2 0 2 0
c 2 1 0 0
a L2 0 0 0

2 No loop- All v's on diagonal.
2 Degree of Vertex 2 Rawise | Colwise Som
Cottespording to a Vertex.

3-. If the matrix is a 2-0 Matrix. 4- No Non-Zero: on main diagonal t No Valve > 1.

5- if any entry > 2 -> Multi edges

Eas HW.

3- Queident Matrix

EK6:

