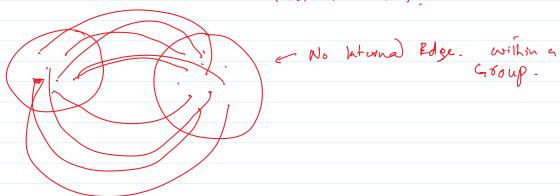
lecture 22:- Caraphs. Special types of Simple Graphs. 2- Complète Graphs: 12 xáely one edge botw every par of Vortices. Ks. Ks. Ks. -.. Ku. .____. Ky. Ks -_--. Cn.
2-. Cycles: - n 7/3. 1,2,3, --- n.
Such that {1,2}, {2,3}, {3,4}, {n-1,n}, {n,2}. 2 3 C3 C4 C5 C6. 3- Wheels: A Vertex in the Center of a Cu. which is carried to all. Vutius. 2°=2. 2°=4. Cuboid: Q1. Q2 Q3

K2. K2 K3 Ky K5 K6 ---- Kn. Vestices. 71 - 72 - 3 - 74 - 75 - 76 --- 7 N.

Edges. 0 1 3 6 10. 15. $\frac{n(n-1)}{2}$ C5 Vestices. 3 CL Cn. Edges. 3 Wy W6 W5 Vestices. 4 7. 5 8 Edges. 6 10 2n Qu. Qz Vestices. Q1 Qz 2"

Edges. 1 12. HW?

Bipastite Graphi-V z { V2, . - - - Va}. E = { es ez - - - em}

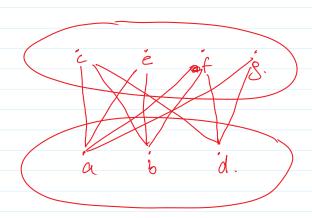


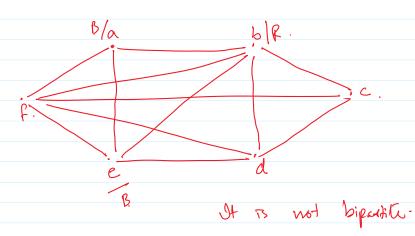
~, c/. B. R= fa, b, d ?. B= & C, e, f, g }.





B= & C, e, f, g }.





R= 8 a/b, fie.

R= 8 b, fie.

B= 8 aie.

Complete Biparthe Gerephi-

Kmin.

from while Board Pictury.



