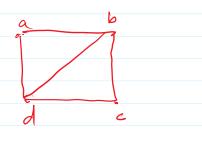
lecture 26:- EULER PATH & EULER CITCUIT. Start & End the Same.

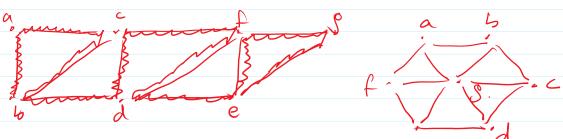
1) Simple Circuit — No edge Repeated.

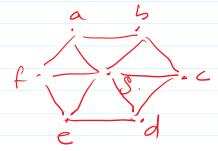
2) It traverses all the edges. BULER. Cifeuit: BULER PATH: 1) A Simple Path. 2) It traverses all edges. TEWOY Civant (Euler Path) BULLER Circuis. TENOX Circuit - Eult Palh --> Buch Path RUCE CIPCUIT -> RUCE PATH. A Connected multigraph with attest two Vertices. has EUCR CIRCUIT it & only if Theorem : each of its Vertices has even dexice. 1 deg Cal 2 2 L



deg Cal 2 2 L deg (6) 2 3 K de colzar de (d) 23 x.

throver 2: - A Connected multigraph has a Eurer path but no EUCER CIRCUIT if it has exactly two Vixtices of odd dyree.

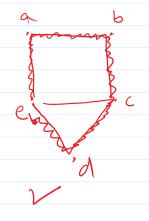




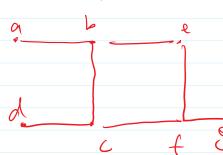
Circuits and PATHS. HAMILTON

H- Circuit 1 Simple Civarit 2. Traverse all the Vertices.

2- Simple Rath 2- Transec all the Vertices. H - Path

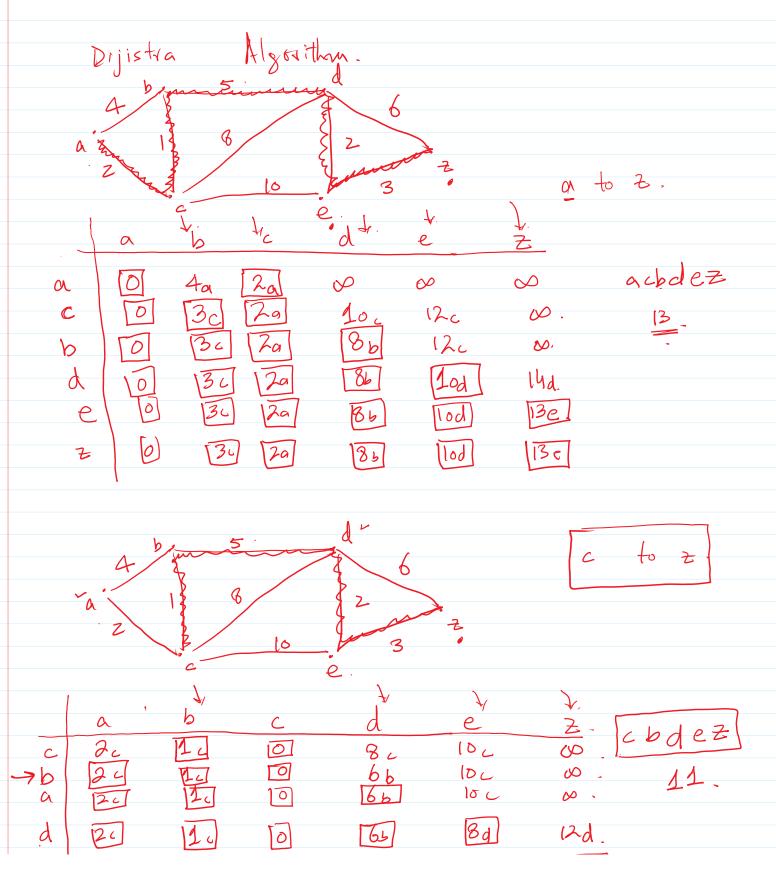


HAMILTON CIRCUIT -> HAMILTON PAIH. W.



X No Hamiston Circuit.

Hamilton Civait and path A.



d e Z	20 a	<u>-</u> 12 c) a	_ и а	G <u>L</u> U	8g) u	12d. 11e.	