Graphs

G=(V,E), V-set of vertices, E-set of edges

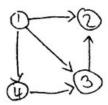
1. Directed Graph

Outgoing from 48 incoming on 3 (1)

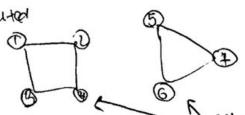
Vit is incident from 4 outgree! Aparallel

and incident on 3

a. Simple Dignoph - 100 PARALLEL GOGES, no self-wop



3. NOW-COMMUTED



2 components

- Contaulation point

AND rumane peopo or 4->6, Toraba apapet craba cogzas, no ruma 2 non noneuru

ocern Spil. O-XD TE

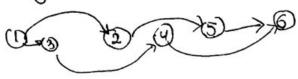
eitices, (1->2 >5)

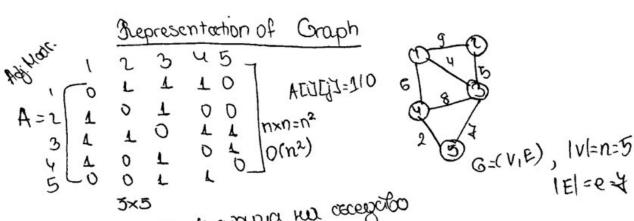
Path-set of all vertices, (1->2 cycle - 1->2->5->4->3->1,

5. Directed Acyclic Graph (DAG)

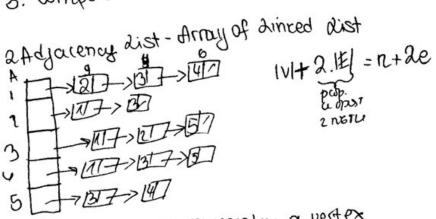
Monuen de mothadin grobangas mi minerina tara co

Topological ordering-peoplara ca nogoegener & formare direction





- 1. Adjanency Matrix Marpurya no occepción
- a. Adjacency dist
- 3. Compact dist



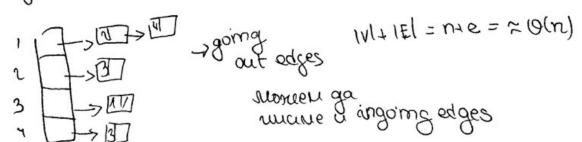
Each location is representing a vertex

Ано писте нета висто и О почен за пишен теглата. moraba croba cost adjaceucy matrix

атрядва заедно с чистот на върга, полова за сехранавание 30 u ternon −**2** - 3. Compact dist Representation-use make eghouseth man & . I sayon whow of 1 1V1+21E1+1=5+27+1=20 3a pazulpa na mamba - 803 ternaza 13.41.1: 198-20 8 9 10 11 12 13 14 15/16 12 18 19 20 Stureds

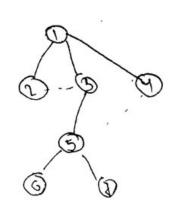
Yorkaraba, a acjectur venices or Bprex 1 zanorbar or 7 noruges, MOJOJOK

teis joh

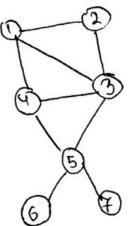


ВКЗ-Търчене в ширина

1. Similar to could order of Binary Tree



Rdugn 10000 or warn awa wuyaba Mitelles name · 0cl699

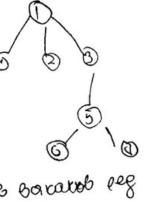


DES: (One) " / 12343,03

10FS: 1,4,1,3,5,6,7

THE 300% NUMBER HO GO ZENDUHEH OT BOOK I

2. Thomaso nexerul egun Bpex, Toxoba ga usyeur (exprore) boureure my agacon vertices monum ga ni explosemente bob barcatob leg



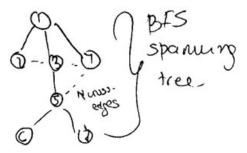
Text Book Definition:

2. Exploring -oznataba visiting all adjacent vertices of 4

3a gouta: Barrow. OT 1.

BES: 12,3,4,5,6,4

Queue: 1, 2, 4, 4, 4, 6, 8, 8



Maxane 1 or maurater u sanologie explore. 2 e visited inset in qui, 3 n croyo (ng. er b on. e 2,3cholbarus ga magon 3

time: ((n)

