Directed	Gra	ghs	
$\overline{}$		V	

	Dir (oten) (d. p.
⊸ θ	DIERAPH: graph with ONCY directed Colges
	- Reachability problem: Not rodes have an edge to connect then
	- Atonyly connected; all nodes have edges between them
~	Transitive dosure of graph & = GA - DIBRAPH with some verticies as G
	Floyd Warshall algo: Tors. dorne
	-On Heps: putts of length 1 to 1, no more
Give you	-0 1 4teps: put his of length 1 to 1, no more -0 (n ³): doesn't depend on number of edges e -0 44 W really slow
	-oif (vive) EGT 1 (Vk, Vi) EGT (Vi, Vi) & GT (Vi)
→	BFS, DFS: work the same way but we need to it according to DIRECTIONS
	DDFS: edges = (discovery V tree) types
	- Discovery edges form a tree noted at starting vetex
	-o Non tree:
	- Bockbrack - Forward
	-8 C1055

-0	DDFS: barbage collection
	-o menory deallocation: mark and sweep
	-o menory deallocation: mark and sweep () Assign (live vive) mark to diect #belots
	() EXAM: Floyd Worshall, DDFS
4	Eulerian trail: path in finite graph where such esque visited exceeding once
	- Pen hus to leave the paper when drawing edges: Not Enleran
	- D wides MILKT have are almost
	Whink about it)



