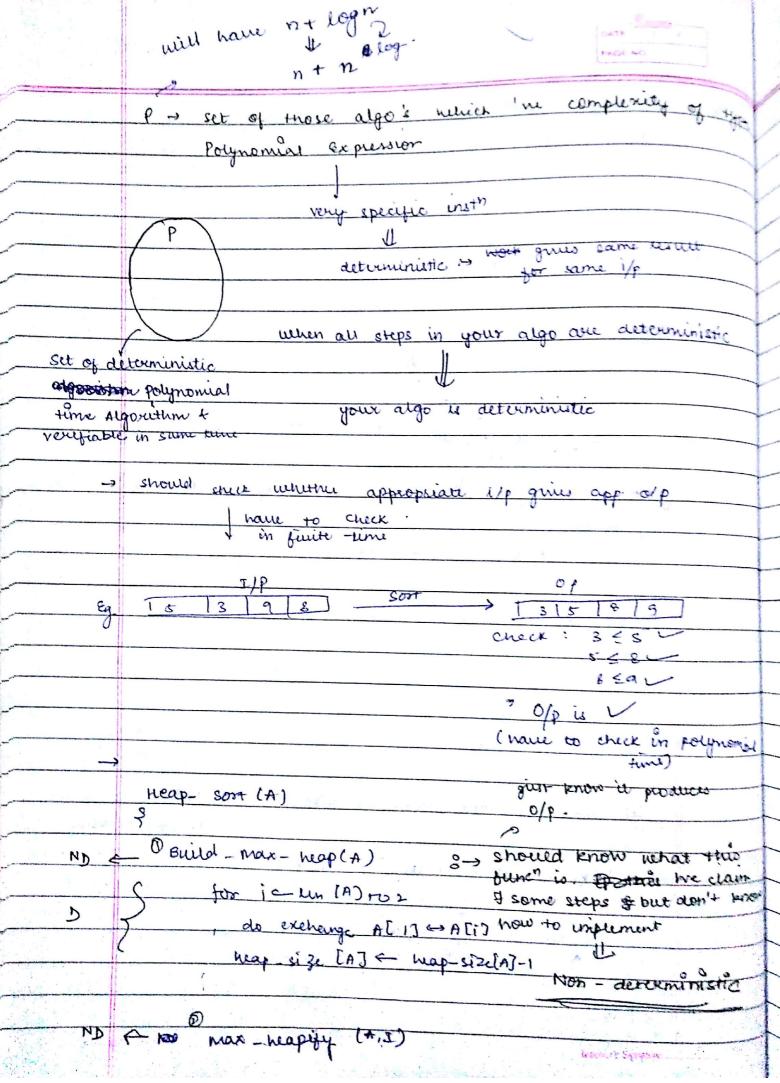
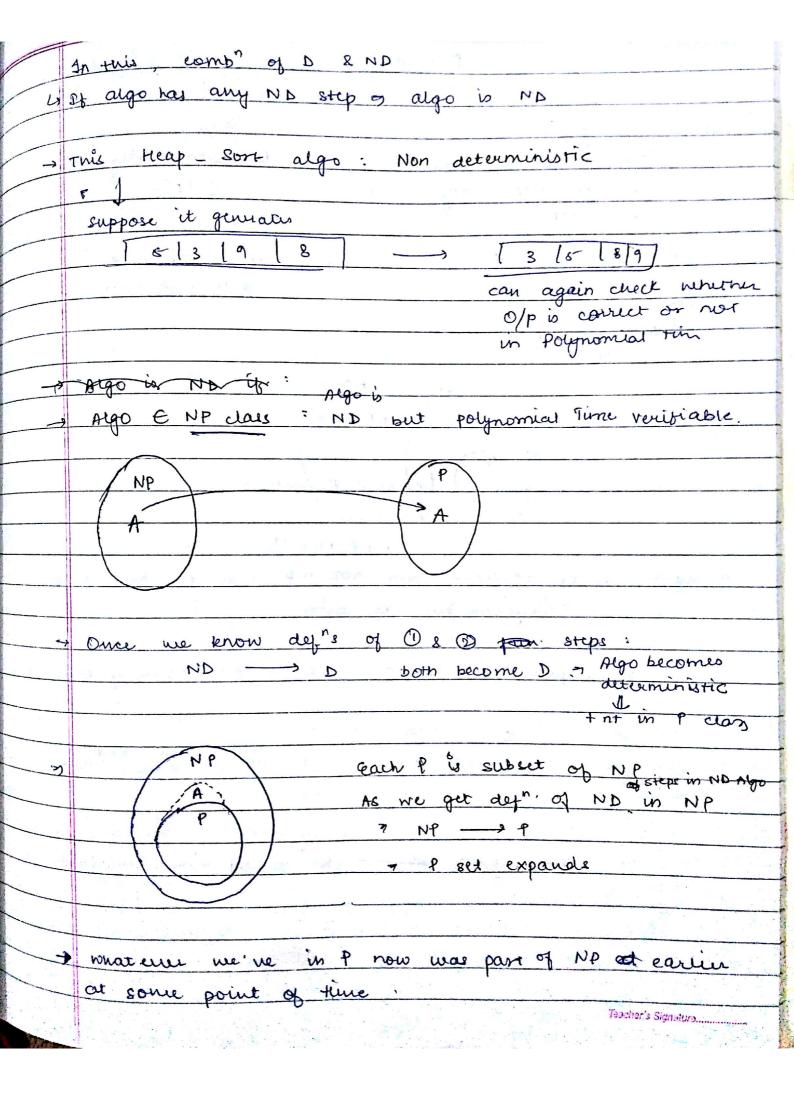
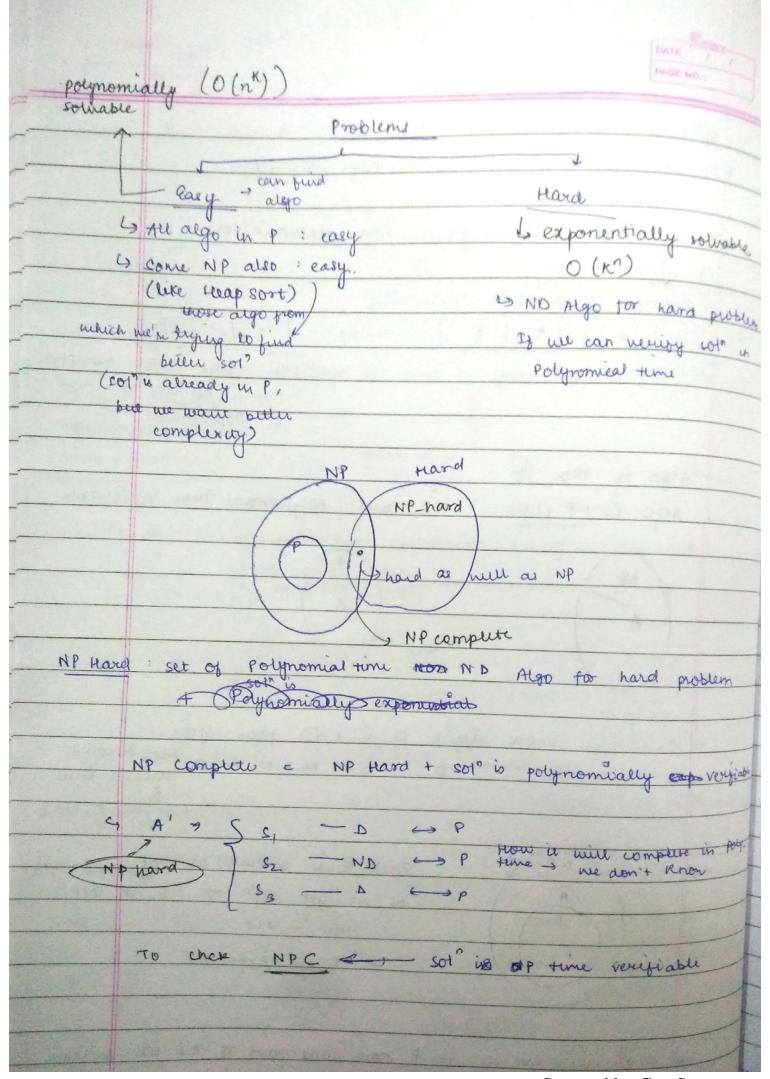


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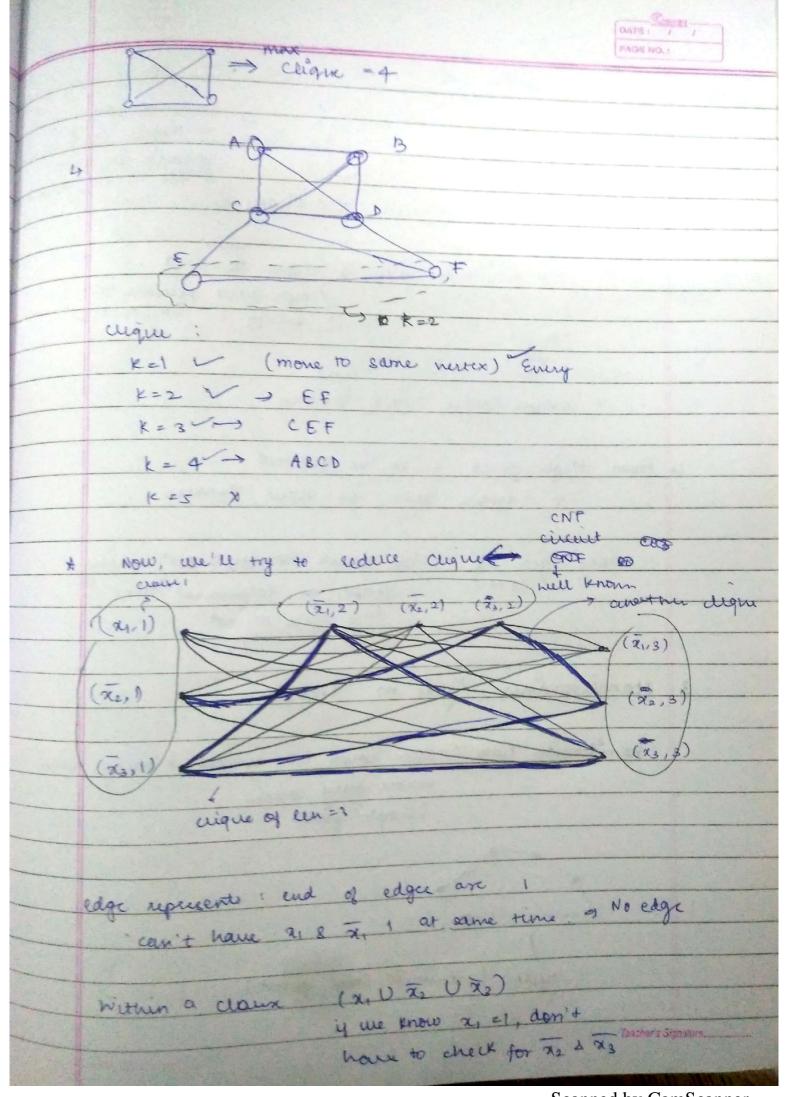




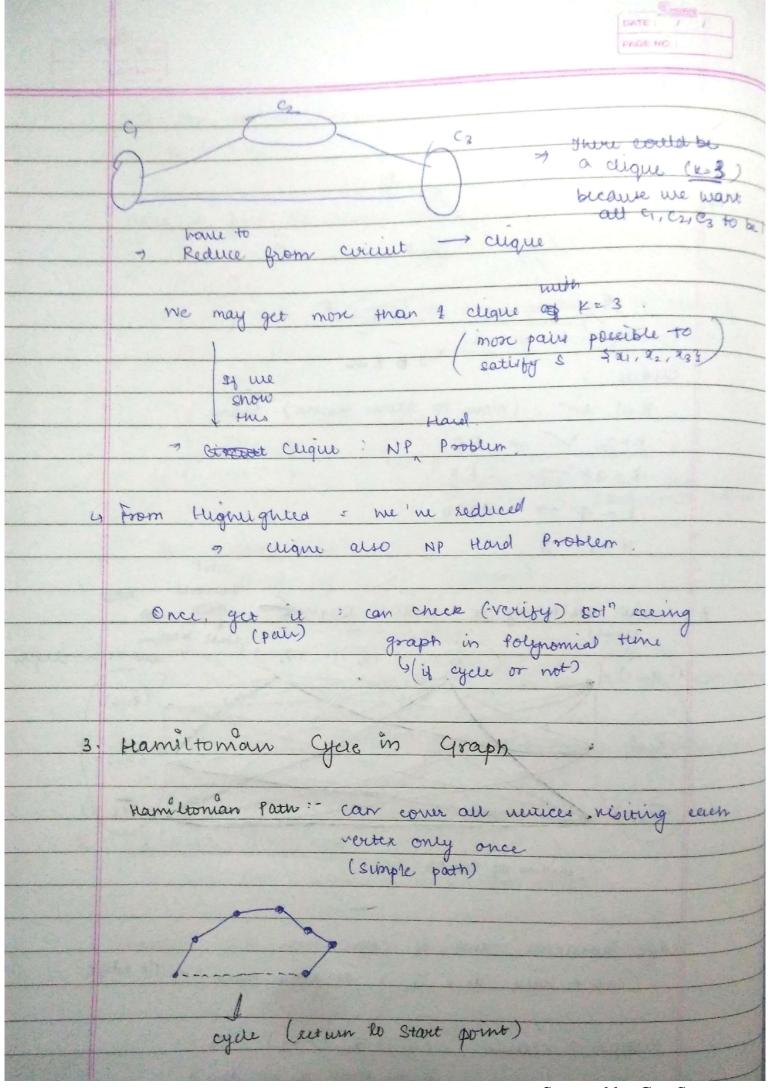
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	Reduction: Tryo to reduce
	Unknown problem reduce lenour NP, hard problem
8	Known MP Problems
	promise 141 forther
1.	CNF - SAT
	(conjuctive normal form catifiability Problem)
	(CBY) FOCUS OF
	Cook - lenin: Paper
	If we are able to develop a polynomial time Algo for any of the NPC problem, then we develop B. " " I for
	If we are the a programme of the
	any of the NPC problem, then we develop &
_	AU NP Problem.
	The state of the s
	It gives result
	Open Problem
	VP = NP
	NP NP Hard
	PN
	Corcuit L problem
	Circuit
	Circuit L problem Prublem:
	1 4. 11 7.)
	5 = (210 22 0 23) 1 (21 0 x2 0 23) 1 (21 0 x2 0 23)
	4
	Clause 1

	DATE: /
	FAGE NO. 3
444	
	Hi are boolean variable
	at = 80,13
(Have to find all possible values which satisfy s
	0 0 0
	8 0 1
	0 1 0 to some problem @ of size=3
	0 1 1 no: of sub-problems = 23 (8)
	100
	101
	I can me check this satisfies & &
	(substitute & week
	(supilities
	If problem size: n
	complex ity: 2" (atleast)
	The state of the s
	Hard problem
	It will be more difficult to some if d'has more chois
	Be the soft occur of
	Desklam Comment
*	It is the base NP problem. Research has already been done
2	Clique Problem
	to sind max. Clique in a problem graph
	clique: Size of Complete subgraph in a graph
	no of ventices
E CONTRACTOR	



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