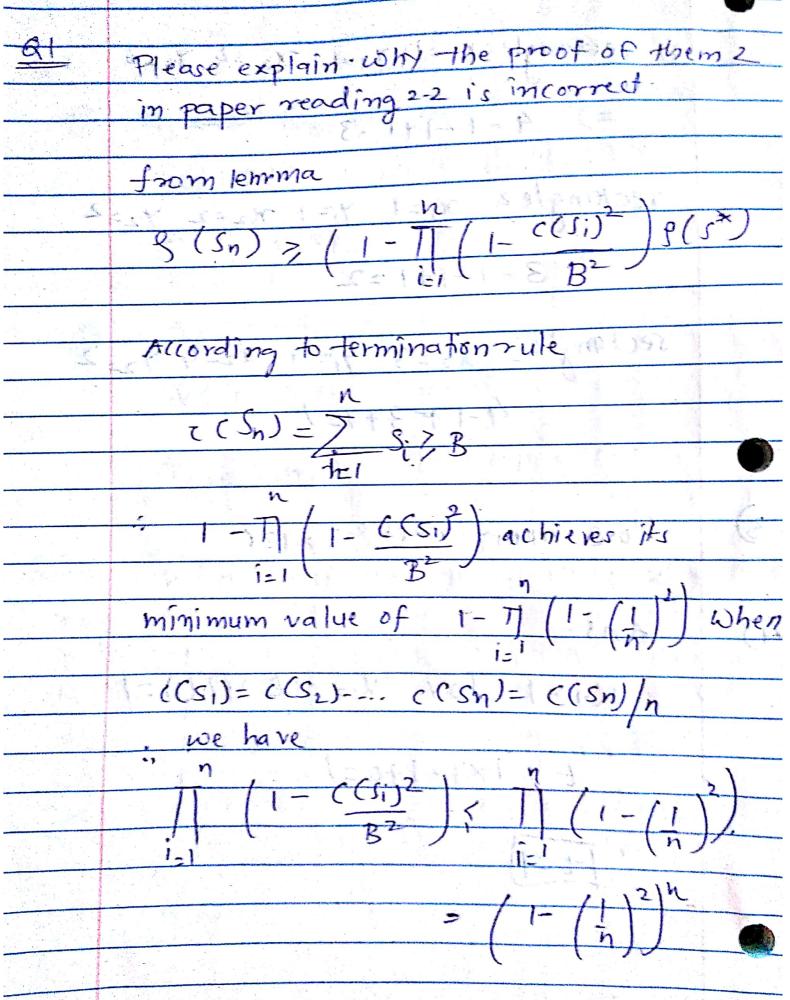
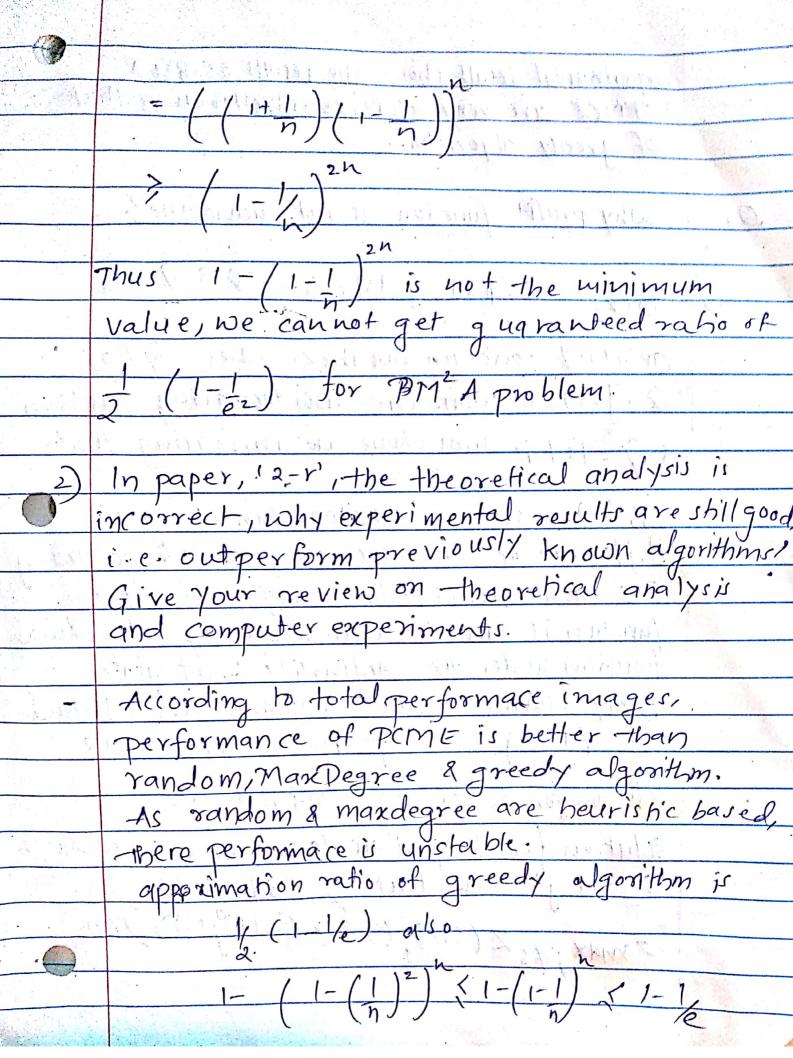
Homework 03 Aadish. Joshi 1 asj 170430





	experimental result show the results of PERATE
	PMCE are very close, even better than that
	of greedy algorithm.
Q3.	Why profit function is not monotone!
	B(x) = 2. J(s) - g. 151. here 28 9 are
1	many out continues and
	arbitary constant number. When yto,
	2. T(s) is monopone hondecreasing function
	& J-1s1 is monotone so increasing fun.
7 71	The factor of the country of the second of the
though 11ch	
A with	difference of non-decreasing & deer increasing.
· ii	The monotone property is required, if the
	function is monotone non-decreasing submodular
	function under the cardinality constraints
	greedy heuristic method is guaranteed to bound
	of (1-1). s =ps. is a approximate
(11)	[MM 2: M - M - M - M - M - M - M - M - M - M
Burel	Solution for k=p the approximate
	Solution for k=p+1 is determined by adding to
27.4	solution for k=p+1 is determined by solding to
	7 (cusis & 7 (SU 2) * 7 (S)
	-max j & s Z (s U \ j \ 3) \ Z (s U \ j \ 3) \ Z (s)
	45 11-11-15 (-11)
5	The state of the s

