

		rolve	the 8	ollowing	optimizutio	in problem:	
	max R(h.s)	= 200.h5.					
	S. 4.						-
	1705 + 20h =	10,000 =	73 (4)				
	We will d	\$ 1	th the	Logronge	multiplier	1	
	1 (h, 5, 7) =	-00 h 5 -	7(244131	-2000)			
	R(1,5),r	maxima	1 When.				
	91 → =)						
		-					-
7 (a) -	or = 0 =>	300 H 2	3-177=0				
(3) -	37 = 0 =)	24 47	C = 1,000				
1 1 1 1	100						
(9)	K = [(1) 000			1)			
(1)=6)	300 (2) = 30	(-)3)	3 (((()))	1			
	$\left(\frac{1}{2}\right)^{\frac{1}{4}} = \infty$		51 ((1))	/			
	(4)=~	4					
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	51 0 = 3						
	a = 3						
	<u>J</u> = 31						
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	h = 175						
(3) -	2.175 +175	- 8000					
	5= 39.22						
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