Problem 5.50	/ DatePa,s)
$G_1: S \rightarrow AB a abc$ $A \rightarrow b$	h2: 5-) a/b/cC
A - 9 b	C-> cc/c
$C \rightarrow abC/c$	
	3
5 %	5
аьс	C
a b c	Č Č
	1
C	C
ababa	$ccc = c^{+}$
op > { a, b, (ab) tc}	op -) { a, b, c+}

	5.4.1	
a) x	Parce beer: ← S > as as bs ∈	requence -> aab
	S	5
	as '	as bs
	as6s	$as \in$
	€ E	E
6)	heft derivation	c) Right derivation
	5	5
		1
	as b s	as l
	a5 6	as 65
		€ E

3> 7 5- 1040	1181 BB	S-> OAO
$A \rightarrow C'$	/	5-)181
$B \rightarrow s$	A	S -> BB
c 7 5/0		A -> C
		$B \rightarrow S/A$
		c -> s/6,
$\star A \xrightarrow{\cdot} c$	$-C \rightarrow s/$	$\epsilon \Rightarrow A \rightarrow s/\epsilon$
\star $Q \rightarrow A'$, A-) 5/6	=) B-) SIE
* 5-20A0	/181/	S -> 0S0 / ISI
$*$ $S \rightarrow BB$	·=) 's-	€ .
	5 >	050/151/E
* Chamiky Norma	I form =	-
		simal Non teuminal
Non terminal		
1	$5 \rightarrow R_3 \hat{R}$	
P-) Aa	$R_3 \rightarrow B$	A -> C
$a \rightarrow 0$	$A \rightarrow c$	$B \rightarrow S / A$
5-)181	B-)5	c→s/e
$s \rightarrow 1R_{I}$	B-) A	•
$R_1 \rightarrow BR_2$	c-> s	
$R_2 \rightarrow 1$	c-)e	

4 S -> aAa / bBb/e	(> 2 / 4			
$A \rightarrow e/a$	5-) a A a 5-) 6 B b			
$B \rightarrow c/b$	$S \rightarrow \epsilon$			
$c \rightarrow cDE/\epsilon$	A-) C/a/a			
$D \rightarrow A / \beta / ab$	B-75/4			
	-C-) COE/E			
	D-A/B/ab			
* A -> c/a c -> cDE / e	=) A-) CD E / E / a			
\star $B \rightarrow s' A ; A \rightarrow c/a =$	2) B→S/C/a			
* C - CDE / E D > A	B ab = CAE CBE cobE/e			
* D -) A B ab A -) c/a	$\beta \rightarrow c/b$,			
=) b-) c/a/c/b/ab				
$p \rightarrow c/a/b/ab$				
* 5 7 aAa 686 E; A > C/a, B > C/b, =) 5 -> aaa aca 666 6Cb E				
=) 5 -> aaa/aca/bbb/bcb/E				
* Champay Normal Form =				
Non terminal) Non terminal Won terminal				
Non terminal - Terminal				
57 a A S-> 5M A->	CD7A 17-16 54E			
P-)AB M-)BN A-	a D -> C -> C -> C -> C			
Q-)a N-75 B-76	127X TOPR			
13-7	0 1× 9a/ 1 R-> E			