P81.1. 考虑.下面文法 Gi: V3 NT 5->a/1/(T) 7-> T. S186 (1)消去 G.的左递归。然后,对每个非终结符,写出不带回溯的通归子程序 (2)经改写的文法是否是LL(1)的?给出它的预测分析表 解. (1) (1) 消去 Ci的 左递归 (1) A 引 引 [1] S-raini(T) T-7 ST' T'-7, ST' 18 ②不带回溯的递归子程序 PCS) [] = ((T)) TERST( ET) = (1) IF ch = 'a' THEN read (ch); ELSE IF ch = 'n' THEN read (ch); ELSE IF ch = '(' THEN BEGIN read (ch); P(T); IF ch = ') THEN read (ch); ELSE ERROR END ELSE ERROR

e	
	PIT'I
P(T)	IF ch = ', 'THEN
BEGIN	BEGIN CENTAL CONTRACTOR
P(S); P(T');	readich); 32/2 Tat
FND CALLERY COM	05 25 25 25 E E E E E E E E E E E E E E E
200分的人	P(T');
795 [3] 50	END
	ELSE IF ch = ')' THEN RETURN;
	ELSE ERROR;
图是否是LL(1)文法?	
1. 诚文法不含左选	19 31 T 2 C F T
2. 对于5-701/117.	(多等同時間看到日本教育
FLRST(a)={a}	$FLRST(\Lambda) = {\Lambda} TLRST(CT) = { (}$
首符集两两科	B  (Ass) Man (A
对于 T'->, ST	18 的西宁生式的肯特集也不相及
	但 FLRST(T') NFOLLOW (T')= Ø
所以GII是LL(1)文法	
THE PLACE TO SE	read (ch);
计算FIRST和FOULO	PLT)
F1RST(S) = [a, 1, ()	IF oh = ") THEN read(ch);
FZRST (T) = {a, 1, ()	
F2R57 (T') = { , , &}	
	+ FOLLOW(T) + FOLLOW(T') = {# , , , )} FIRST(T')-{E} = [# , , , ]
	[ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [
FOLLOW (T) = {)} FOLLOW (T') = FOLL	
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