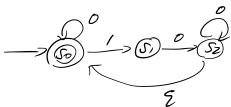
$$\frac{a}{a} \frac{b}{a} \frac{\overline{II}}{b} \frac{b}{a}$$

5. 五子, 翻fo 在后面 <u>o*(100*)*</u> 显出以A.



[12-1] 1. FIRST(P) =
$$\{(,a,b,\wedge)\}$$

FIRST(P') = $\{x, \xi\}$.
 $\{zrst(F) = Fzrst(P) = \{(,a,b,\wedge)\}$.
 $\{zrst(T) = pzrst(F) = \{(,a,b,\wedge)\}$.
 $\{zrst(T') = First(T) \cup \{\xi\} = \{(,a,b,\wedge,\xi\}\}$.
 $\{zrst(Z') = \{+, \xi\}$.
 $\{zrst(Z') = \{zrst(T) = \{(,a,b,\wedge)\}$.

 $Follow(Z) = \{ \pm, 1 \},$ $Follow(Z') = Pollow(Z) = \{ \pm, 1 \},$ $Follow(T) = (PZRST(Z') - \{ \pm \}, 1 \},$ $Follow(T') = Follow(T) = \{ +, \pm, 1 \},$ $Follow(F) = (PZRST(T') - \{ \pm \}, 1 \}, 1 \}, 1 \}$ $Follow(F) = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \}, 1 \}, 1 \}, 1 \}$ $Follow(F') = Pollow(F) = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \}, 1 \}$ $Follow(Z') = \{ \pm, 1 \}, 1 \},$ $Follow(Z') = \{ \pm, 1 \}, 1 \},$ $Follow(T') = \{ \pm, \pm, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$ $Follow(F') = \{ (-a, b, \Lambda, \pm, \pm, 1 \}, 1 \},$

(2). FZRST (+Z) N FZRST (E) = Ø.

FZRST (T) N FZRST (E) = Ø

FZRST (*F') N FZRST (E) = Ø

FZRST ((Z)) N FZRST (a) N FZRST (b) N FZRST (N) = Ø.

FZRST(+Z) N FOLLOW(Z') = Ø FZRST(T) N FOLLOW(T') = Ø PZRST(*F') N FOLLOW(F') = Ø

也是似的主

(3)								
,	+	Ħ	(a	6	1)	#
Z			72'	TZ	TZ'	TZ		
Z'	+2		,	/	/	, -	ε	٤
7			PT	PT'	P7'	P7,		
7	٤		7	<i>,</i>	7	7	٤	٤
F			PF	PF'	pF'	pi='		
\overline{F}'	ξ	*F	٤	5	٤	٤	٤	٤
P.			(2)	а	6	1		

Z.
$$FZRST(S) = \{a, \epsilon\}.$$

 $FZRST(A) = \{a, \epsilon\}.$
 $PZRST(B) = \{a, e, \epsilon\}.$
 $FZRST(c) = \{a, f, g, \epsilon\}.$

$$Pollow(S) = \{a,d,f\}.$$
 $Pollow(A) = \{a,b,d,e\}.$
 $Pollow(B) = \{b\}$
 $Pollow(a) = \{b,g\}$

6. 文洁的预测多好表不含着重点之入口



P279 练习12-2 第2题具体要求:

试用直观算符优先分析法分析下述表达式:

- (1) a + * b
- (2) a + b * (c + d) e

判明是否是下述文法的合法句子,并 列出分析过程。

文法:

E:=E+E|E-E|E*E|E/E|i|(E) 优先关系矩阵如右。

	_	+	*	/	i	()	#
_	×	\(\)	∀	≪	₩	₩	\times	⊳
+	≫	^	∀	≪	∀	∀	≫	≽
*	≫	≫	≫	⊳	≪	≪	≫	≽
/	⊳	>	⋋	⊳	<	<	⊳	⊳
i	≫	≫	≫	≫			≫	⊳
(≪	≪	<	<	≪	≪	=	
)	≫	≫	≫	⊳			≫	⊳
#	≪	∀	<	<	≪	<	<	

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*骤	不为核	加入	化乳头子	301/7
],	#	a+b*(c+d)-e#.	# <a.< th=""><th>移動</th></a.<>	移動
2	# a	+ b x (c+d) - e#	a7+	\$12.45
3	# 2	+b*(c+d)-e#	#<+	护
K	#2+	b*(c+d)-e#	+ < b	移步
5.	#2+6	*(c+d)-e#	624	FRIS.
6	#2+2	*(C+d)-e#	+ < *	移步
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	#2+2*	(c+d)-e#.	≯ ≤(移基
8	#2+3*1	C+d)-e#	166	移型
9	#Z+Z*(C	+d)-e4	C7+	žriS
10	#2+2*12	+d)-et,	(< +	移型
1/	#2+2*12+	d)-etj	+ <d< th=""><th>移型</th></d<>	移型
12	# Z+ Z*(Z+d)-e#	dy)	XW43
13	#6+6*16+8)-e#	+ >)	<i>未</i> 必约
14	#2+2*(2)-e#	(=)	建
15	#6+6*6	-e#	<i>*>-</i>	XW15,
16	# 2+ 3	-e#	<i>ナラ</i> -	规约
17	#2	-e#	# < -	移址
18	#6-	e A	- <i>e</i> e	移进
19	#Z-e	Ħ	e7#	XXX5
20	# 2-2	#	ータ井	未此约
21	井飞	垆	净生.	

4 己 经活、没有 素短语没有 T. ZəT. 短语,T. 素短语,没有. i: ZəTəFəi 经语言,素短语; TXF: ZOTOTXF. 安路了XF 考定语了XF. P*F: 2 学 海湾 i. i*F. 表 12.4 文法 G[E] 的优先关系矩阵 右终结符(栈外) () 左终结符(栈内) 5. <. (<• <• <.

孝骤	33	关考、	最在了学	AN的213
//	# 1+14	# < 1 > + < 1 > #	ì	Z
2	# Z+i#	# < + < i > #	L'	7.
3	#Z+T#	<i>井 ベナッ井</i>	Z+T	Z
/	# 1*(1*1)#	#41 > * 4 (41) > * 41) > 7#	ı`	7
2	#T*(i*i)#	#6 *6 (61) *619) >#	i	7
3	#T*(T*i)#	#C*<(<*<\i)>)>#	i'	F
4	#T * (T*F)#	#6*6(6*タ)タ井	T*F	Z .
5.	# [* (&) #	#८ <i>⊁८(ゞ)></i> #	(2)	F
6.	#T*F#	# 4 * 7 #	TXF	Z.

计包塞

有如下文法 G[E]:

1 E ::= E'+'T | T

2 T ::= E | '('E')' | 'i'

- (1) 求每个非终结符的 FirstVt 集合和 LastVt 集合
- (2) 构造算符优先矩阵
- (3) 判断该文法是否是算符优先文法

い、

PZRSTVT	+	()	ľ
Z	/	/		/
7	/	V		

LASTUT	+	()	ľ
Z	V		/	
7	/		/	

(2).

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(V	V	Н	Ÿ
)	٨		ア	
ì	ヌ		⋗	

(1) +和+关系出现对实、不是算好优先文洁