형식언어 과제

Assignment #2

강좌 명: 형식언어

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학년: 3학년

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1282	
ex3) A → OB IA	ex4) S - aA 16S
B > IA I OC	A - aSI 68
C> OCITCIE	B → aB bB €
	L(S)= {a; L(A) U {b} L(S)
L(A) = 807 L(B) U {13 L(A)	L(A) = {a3L(S) U {b3L(B)
L(B) = {13 L(A) U {03 L(C)	L(B) = {ail(B)u {b} L(B) U {E}
L(c) = {0}L(c) U { 1} L(c) U { 2}	S= aAt bS
A = OB+IA	A = aS + bB
B = 1A + OC	B= aB+bB+E
C= 0C+1C+E	= (a+b) B+ €
	= (a+b)*E = (a+b)*
C = OC+1C+E	A= aS+ bB
= (0+1)C+E	= aS + b (a+b)*
$= (0+1)^* = (0+1)^*$	S=aA+6S
8 = 1A+OC	= a(aS+b(atb)*)+bS
= 1A+ O (0+1)*	= (aa+b) S + ab(a+b)*
A = OB+IA	= (aa+b)* ab (a+b)*
= O(1A + O(0+1)*) + 1A	THE MALES A
= 01A + 00 (0+1)*+1A	% S = (aa+b)* ab(a+b)*
= (01+1)A + 00 (0+1)*	
= (01+1)* 00 (0+1)*	
A Company of the Comp	18 (8 (8) 18) (12) (X)
" A= (01+1)* 00 (0+1)*	
19年至2000年,至1000年,全10000年,全1000年,全1000年,全1000年,全1000年,全1000年,全1000年,全1000年,全1000年,全1000	0+1+(1ta) 11

ex5) S>OAIIBIO	ex8) A>aB16A
	B-) aB16C
A > DA OS 1B	
B > 1B 1 0	C-> bDI aB
L(S) = 803 L(A) V 213 L(B) U 203	D-> bAlaBlE
L(A) = {0} L(A) U {0} L(S) U {13 L(B)	N 0.11
L(B) = {13 L(B) U {13 U {03	A= aB+ bA
S = OA+IB+O	B= aB+6C
A = 0A+0S+1B	C= 6D + aB
B = 18+1+0	D= bA+ aB+E = A+E
= 1*(0+1)	C= 6D+aB
A= OA + OS + 11* (o+1)	= 6A+b+ aB
= 0A + (0S + 11*(0+1))	= A+b
= 0*0s + 0*11*(0+1)	8= aB+6C
S= 0A+1B+0	= aB+ bA+bb
= 00 05 + 00 11 (0+1) + 11 (0+1) +0	= Å+bb
=00*0S + (00*+E)11*(0+1) + 0	$A = \alpha B + bA$
= 00*0S + 0*11*(0+1)+9	= aA+abb+bA
= (00*0)*(0*11*(0+1)+0)	= (atb) Atabb
A A (0-30) (-1-2) (-1-5)	= (a+b)* abb
.; S = (00*0)*(0*11*(0+1)+0)	
9 27 71 94 83	is A = (a+b)*abb
READTH SPTOP	