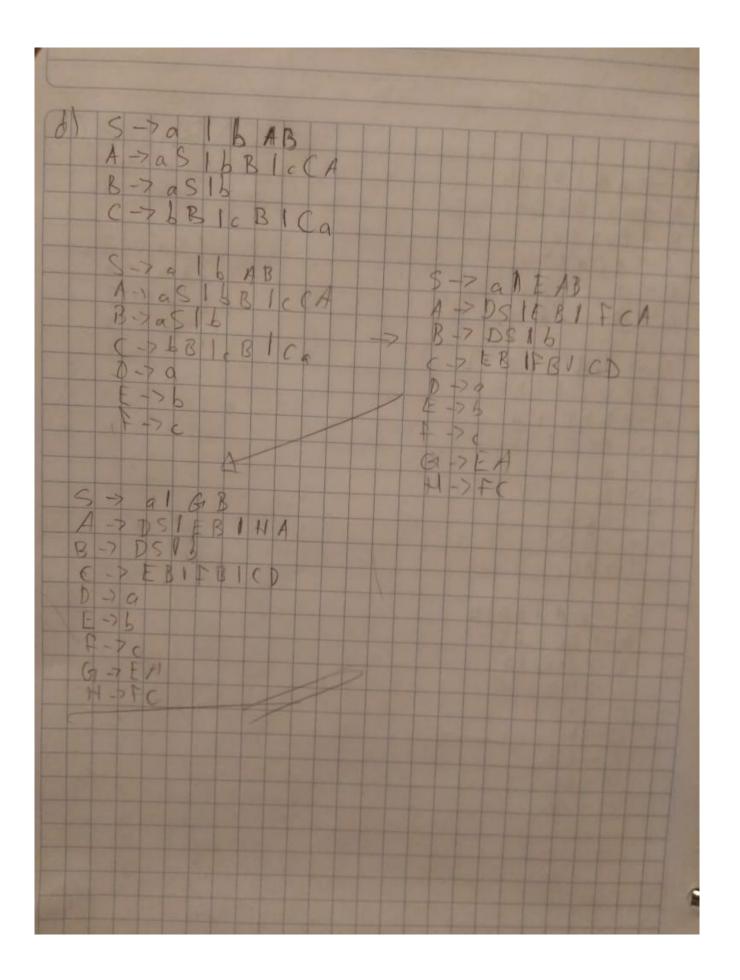
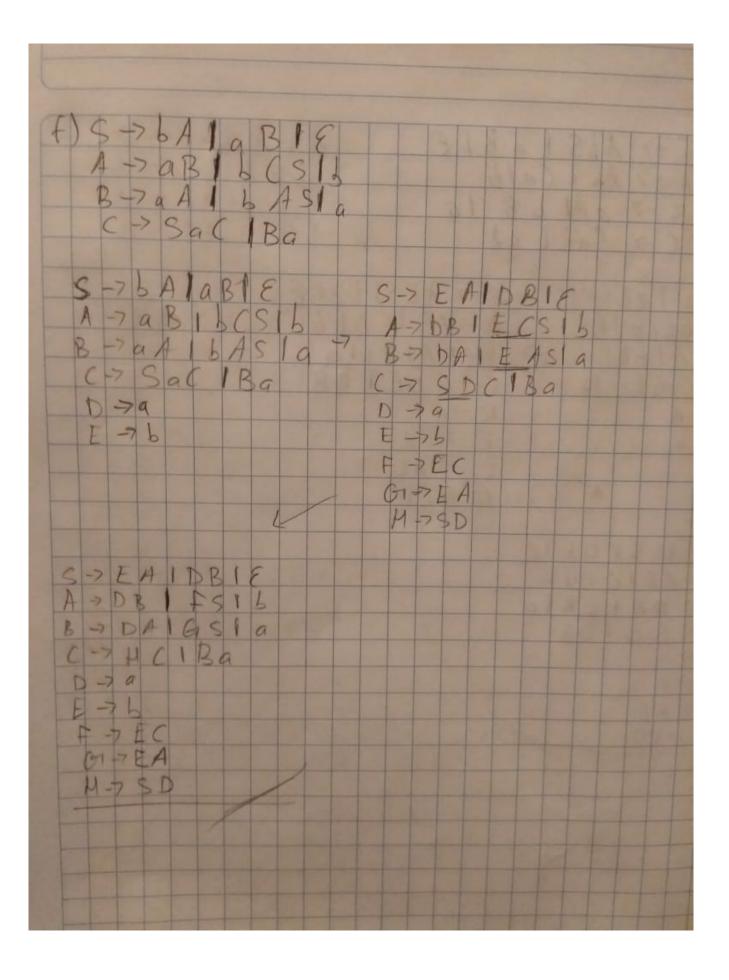
Tarea 20 Normal de Chomsky equivalente a cada de anomalias signientes: a) S -> AB 1 ac 18 A -> aB 1 b B b A B -> b S-7AB | ac | E A-7 aB | 58 bA B-76 S-> ABICDIE A-7 CB | BBBA 0-70 D-70 A-> BB FPBA S-> AB | CD | E A-> CB | E F B-> 5 0-70 E-7BB

b) S-7 a A I a A-7 a B b B-7 b I A a	1 AL						
A-7 aBb							
B-7514							
- na	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100					
C - AV	Al	1	1	1-9			
S-7 a A \ a	Ab						
A 7 a Bb				1511	1		
B-> 1 1Aa				N 3 3			
(-7 a							
D-76							
S-7 CA 1 a	IAD						
A -> C BD B -> b I AC						1	
B-761 AC							
C -70 D >> b							
D ->6							
E->CB							
S-7 CAI a	HD						
ADED							
B -> 61 AC							
C-7a							
D-76							
E > CB							
C) S -7 a A I	Balb						
A -7aCI	1 BS						
B -7 Bab 1	a						
A -7a C I B -7 Bab 1 C -7 A Ca	156						

	-3 50	636			
	-				
					I
5-7 a A 1 B a (b		100			-
A 70 C 16 BS				1121	
B-> Bab 1a				1 4	
1-7 A(186)					
D-7a E-78					100
E-75					
					10 10
S-7 DA IBDIS			40	1000	
A-PDC EBS					4
B-> BDE I a					1
C-7 ACDISE					
D-79					
E->L					
FIEB				1 13	
G-78D H-7AC			1		
1177					
5-70 A BD15		-			
A-7 DCIFS					
B-7 GETA					
C-74018E					
D-70					
E-76					
F-YEB					
G1-7BD H-7AC					
177					
		Jan	644	111	- hinter



(-) 5-7 Abs 1 a B 1 E
B-7 Ab 1 Ca/b B-7 AH BB 16
C-> Cab l ab
5-74081 a 8 1 5 -> A E SI D B 1 E
A-7ABICO1B A->AEICD1B B-70A16B10 -7 B-7DA1EB10
C7C6610B C7CDEIDB
D-74 D-74
E-76 E-76/
A GI - CO
S-7 F S 1 D B 18
B-7 DAIEBIG
C-7 GIE I DB
D-30
E >b F-7 AE
91-7-CD



2. Depuros cada una de los siguientos gramarticos y encontras una gramartica equivalente en la forma Normal de Chonsky. a) S7a Ab 1 c. EB 1 c G A > dB H leb C B > f 1D C -> g EB 1 ah E > de GGG 1 c E 617 Gram Algoritmo 1 No hay simbolos E Algorita 2 P'= B-> F P'= B-7f (-7ah A-7 eb C N' - { B, (3 N= & B, C, A3 p' = B->f (->ah P = B-75 Crah AsebC A-zebC STAAb 5-70 Ab N= 8B CA 53 N- 8 B, C, A, 53

Algoritho 3 8-7 a Ab A-7 eb C 13-7 E	No hay producion	
C-7 ah Algaritma 4 S-7 ahb A-7 eb C C-7 ah		
S-7 a Ab A > eb C C - ah D - a E - b F - e G - 7 h	de (homsky S-7 DAE S-7 DAE S-7 DAE S-7 DG C-7 DG D-70 E-7 DG D-70 E-7 DA E-7 DA H-7 DA I-7 FE I-7 FE	

b) S-7 a B I Aa A-> b B		1
B-7 A 1 B		
A goritmo 1		
S-7 aB A a A-7 bB	No flane producciones e'ps don (E)	
B-> A 1 3		-
Algoritano 2		
P' = 8->5	P'= B-76 P'= B->6 1A S-76 B -> 8-081 A	
N'= { B}	A-76B A-76B	
	N'= 8 B S, A B	
Entrantadas	(queda 1gual)	
1 9011 tra 3		
A-768 B->6816	Faire Noinal de Chanska	
A 30,11+10 4	5-2981 A. 5-2 CR Ar	
S-7 a B Aa A 7 b B B 3 b B 1 b	B > L B L > A > D B B > D B B B B B B B B B B	
B 3 6 8 1 6	0-16	

C) S -7 A A A I a I a A A -7 B b I a B S I E B -7 b a I a b
A DI WI at
7 1 5 b 1 a B S 1 E
B - 5a 1 a b
Agoritmo 1
1 2 6 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A-78 8-7 AAA S-78
5-7aA 5-7a
S-7 AAA I a I a A I E A > B b I a B S
A > B b I a R S
8 3 50 1 0 5
7730143
Algoritano 2
419011111012
0/ 0 / 0
P'= 5-> a 1 E P'= 5-> a 1 E B -> ba 1 ab -> B-> ba 1 ab
3-> ba 1 ab -> B-> ba 1 ab
A-7851aBS
N1 - { S, B}
N' = E S A, 83
Entran todas (gredo igual)
Al quit ma 3
S-7 AAA1 a 1 a A I E No has readireson
A-7 Bb la B5 uniteries
B-> ba 1 ab

Algoritmo 4 S-> AAA 1 a 1 a A 1 8 A -> B 5 1 a BS B-> ba 1 ab Es gonero todo (gueda igual Forma normal de Chamsky S-> AAAI aI CAIE STAAAIaIaAIE ASBOICES A > B 5 1 0 B 5 B > 60 1 ab BADOICD (7 a D->6 E->AA F-7 CB STEAL GICALE B-7 DC 1 CD (50 D-DS E-DAA FFCB