

 \mathfrak{I}

	6	a	(A)	6	a
1	D	Ä, C	A ₁ C	ß	A, C
2	A, S	B	S, C	A,5	
3	Ø	3	U		
٦	Ø	SrA			
5	A,S				

os s in find row

3) Suppose (6) is a cfg in CNF terminal Symbols, it First check 6 products rejude as it doesn't not $L(6) = \emptyset$, and its generate 5trings then contime L(6) Finite or intimite using the pumping lemma with constant c, tocusing on strips of length c & length < 20-1
Run CYh for each strip in this range. If 6 generals any string in this range, reject 6 as L(6) is infinite It no strip, in the varge continue. Next chech L(6) generaltes exactly one string Concrate all Strips length 0 = length < c-1 Run C4h to Sec it any subputs generated It easely one string generated from C4h except else reject

it is emphasy (G) -> fest (6) empty c = pumping (cmma longth (6) -> const c from G For length in range (c, 2*c) for w in generalestrins (length) + gen striss
it cyh (G,W) > chech it
reject g generales the strigs fro c->2c-1 count o for length in varge (0, c) for n in generatestrass (length) -> generate atrigs

it cyh(G,W)

count +=1

> feat it g generates n it count ? [> reject it more than reject one stry tound if count = 1 -> accept it 1 strip else reject