Tutorial - 5

Dossible storings one: a(a+b)*h b(a+b)*a
·, min requirement: 5 -> ablba
Cer + → aT/bT/E
in general 5 -> aTh/hTa
G=(U,T,P,S) where U= & S,T}
T-9a, h}
p-Ss-1 aTh, S-1 h Ta, T-3 cT
T-3h-7, T-3 E}
S-Short Symbol.
1] CFG with equal number of 'o's and 'b's
- possible strongs one hmanblambnpr /mzo, nzo, pzo
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
5 > a 5 h m - 0
S-> bSaS um +0
G- (U,TPS) where
U-Ssy , T= & a.b. p - Ss > E, S + ashs, S + bscs}, S-start symbol
3] Right and left lineur gransmar for 1(01)* 0(0+1)* All strings
Consist of at least single 180
linea goammur
S - LOBILA
2 (A10 CD
B -> 00 1B E
Left lineur grammor
5-01/A0/B A-> 1/A0/ B-> 10/B0/B1

001010 is not in language.