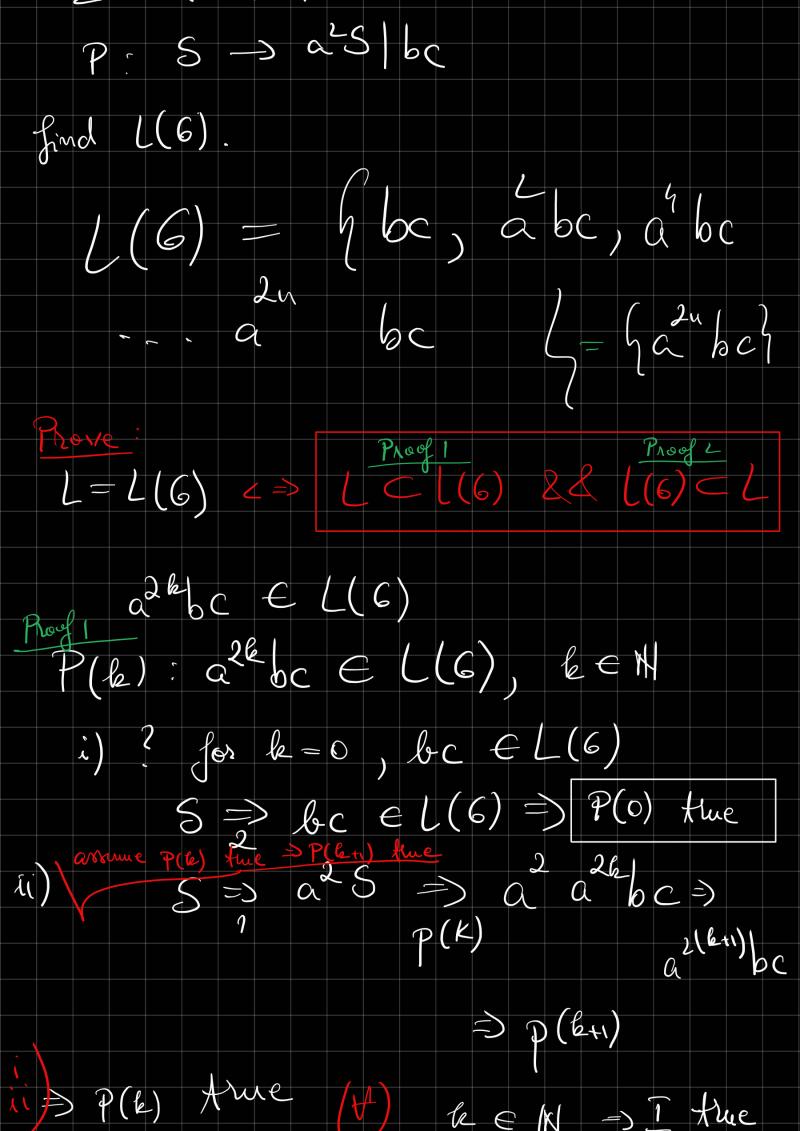
Servinor 3 1. Given the grammar G= (N, Z, P, S) $N = \{5, c\}$ Z = {a,b} $P: S \rightarrow ab \mid aCSb$ obs: $(ab)^2 = abab + a^2b^2 = aabb$. Start with 5, end up with yw did 2 steps int. $S \Rightarrow aCSb \Rightarrow abSbSb \Rightarrow ab(ab^2) = w$ $S \Rightarrow w = \int W \in L(G)$ 2. Given the grammar G=(N, Z, P, S) $N = \{5\}$ 5 = hab, c3



Phoof 2 1) a45 = a4bc e 1) a65 Find a grammer that generates L= fon in 2 m] m, m = N+3 N= 453 $\sum = \eta 0, 1, 2 \gamma$ P: S=AB A = 0 A 1

