

$$\mathcal{L} = \{a^n(bc^n)^m : n \geq 2 \wedge m \geq 0\}$$

$$G = \langle \{S, T, A, C\}, \{a, b, c\}, P, S \rangle$$

$$P: \begin{array}{ll} S \rightarrow AT_1 & \{T_1.n = A.n\} \\ T \rightarrow bCT_1 & \{C.n = T.n, T_1.n = T.n\} \\ & | \lambda \\ A \rightarrow aa & \{A.n = 2\} \\ & | aA_1 \quad \{A.n = 1 + A_1.n\} \\ C \rightarrow c & \{COND: C.n = 1\} \\ & | cC_1 \quad \{C_1.n = C.n - 1\} \end{array}$$

$$aabccbcc \in \mathcal{L}$$

