

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

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

$$P:$$

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

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

