

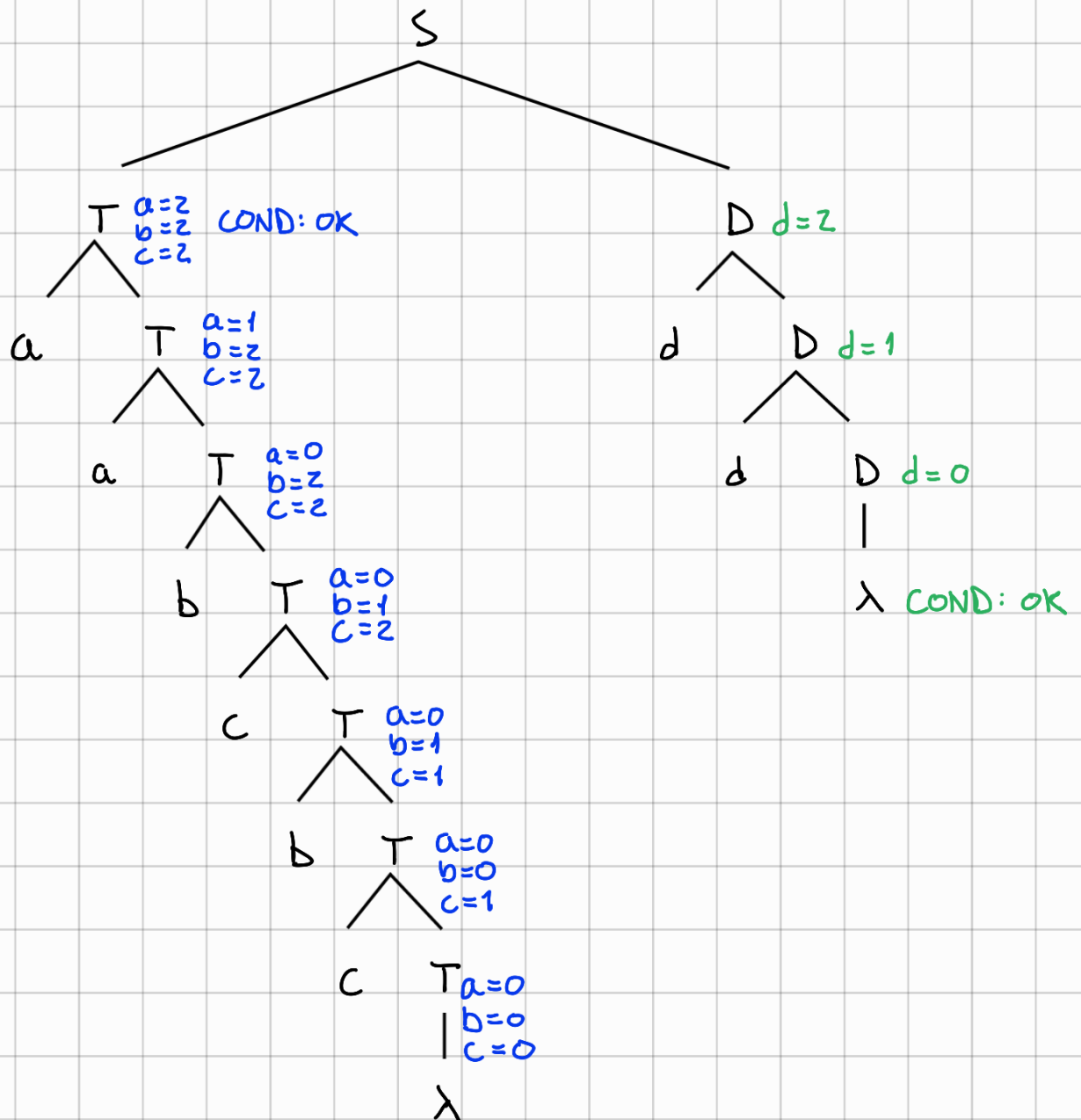
$$\mathcal{L} = \{ \alpha : \alpha \in (a|b|c)^* d^* \wedge |\alpha|_a = |\alpha|_b = |\alpha|_c = |\alpha|_d \}$$

$$G = \langle \{S, T, D\}, \{a, b, c, d\}, P, S \rangle$$

Símbolo	Atributo	Tipo de atributo	Tipo de valor
T	a	sintetizado	\mathbb{N}_0
T	b	sintetizado	\mathbb{N}_0
T	c	sintetizado	\mathbb{N}_0
D	d	heredado	\mathbb{Z}

P:	S	\rightarrow	TD	$\{ \text{COND: } T.a = T.b = T.c, D.d = T.a \}$
	T	\rightarrow	aT ₁	$\{ T.a = T_1.a + 1, T.b = T_1.b, T.c = T_1.c \}$
			bT ₁	$\{ T.a = T_1.a, T.b = T_1.b + 1, T.c = T_1.c \}$
			cT ₁	$\{ T.a = T_1.a, T.b = T_1.b, T.c = T_1.c + 1 \}$
			λ	$\{ T.a = 0, T.b = 0, T.c = 0 \}$
	D	\rightarrow	dD ₁	$\{ D_1.d = D.d - 1 \}$
			λ	$\{ \text{COND: } D.d = 0 \}$

$aabcbcbdd \in \mathcal{L}$



$bbccdd \notin \mathcal{L}$

