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PRODUCTION

RULE

 $S \rightarrow L_1 \cdot L_2$  $L_1.\text{left} = \text{true}$  $L_2.\text{left} = \text{False}$  $S.\text{value} = L_1.\text{value} + (L_2.\text{value} / 2^{L_2.\text{length}})$  $S \rightarrow L$  $S.\text{value} = L.\text{value}$  $L \rightarrow L_1 B$  $L.\text{value} = (L_1.\text{value} * 2) + B.\text{value}$  $L.\text{length} = L_1.\text{length} + 1$  $L \rightarrow B$  $L.\text{value} = B.\text{value}$  $L.\text{length} = B.\text{length}$  $B \rightarrow \emptyset$  $B.\text{value} = 0$  $B.\text{len} = 1$  $B \rightarrow 1$  $B.\text{value} = 1$  $B.\text{len} = 1$



Date / /

# AEBOL de Analisis Sintactico Anotado

101.101

$L_1.left = true \wedge L_2.left = False$   
 $len = 3 + 1 = 4$ ,  $val = 5 + 5/2^1(4)$

$= 5.625$

