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将G[S]:S→SS+ | SS* | id 文法转换为

$S' \to S$

$S \to S_0 S_1 +$

$S \to S_0 S_1 *$

$S \to id$

设计的SDD如下所示

产生式	语法规则
$S' \to S$	$S'.code = S.code$
	$print(S'.code)$
$S \to S_0 S_1 +$	$S.op =" + "$
	$if(S_1.op ==" + ")\ then$
	$\quad S.code = S_0.code + " + " + " (" + S_1.code + ") "$
	$else \quad S.code = s_0.code + " + " + S_1.code$
$S \to S_0 S_1 *$	$S.op =" * "$
	$if((S_0.op ==" * " \|\| S_0.op == none) \&\& (S_1.op ==" * " \|\| S_1.op ==" + ")\ then$
	$\quad S.code = S_0.code + " * " + " (" + S_1.code + ") "$
	$else\ \ if(S_0.op ==" + " \&\& (S_1.op ==" * " \|\| S_1.op ==" + "))\ then$
	$\quad S.code =" (" + S_0.code + ") " + " * " + " (" + S_1.code + ") "$
	$else\ \ if((S_0.op ==" * " \|\| S_0.op == none) \&\& (S_1.op == none))\ then$
	$\quad S.code = S_0.code + " * " + S_1.code$
	$else\ \ if(S_0.op ==" + " \&\& S_1.op == none)\ then$
	$\quad S.code =" (" + S_0.code + ") " + " * " + S_1.code$
$S \to id$	$S.code = id.lexval$
	$S.op = none$