

Initialisation :

for $j = 1$ to n :

for $A \rightarrow w_i$ in P :

$$T[i, i+1] = T[i, i+1] \cup \{A\}$$

Body :

for $l = 2$ to n :

for $i = 1$ to $n - l + 1$:

for $k = i + 1$ to $i + l - 1$:

if $B \in T[i, k+1]$

& $C \in T[k, i+l+1]$

& $A \rightarrow BC \in P$:

$$T[i, i+l+1] = T[i, i+l+1] \cup \{A\} .$$