

# 5.2 Left & right parsers

$S \xRightarrow[\text{lm}]{\pi} w$       $\pi \in P^*$  :  $\pi$  is a left parser

$S \xRightarrow[\text{rm}]{\pi} w$       $\pi \in P^*$  :  $\pi^R$  is a right parser

Lemma 5.15

i)  $L(G) \subseteq L(M)$

ii)  $\forall \pi \in P, \pi$  is a left parse,  $\exists \theta \in P^* \exists \tau(\theta) = \pi$

iii) ...

Lemma 5.14

$\forall w \in \Sigma^* \exists S \xRightarrow[\pi \in P^*]{\pi} w, \exists \theta \in P^* \exists \$S/w\$ \xRightarrow{\theta} \$/\$, \tau(\theta) = \pi$

iii)  $|\pi| \leq |\theta| + |w|$

Lemma 5.14 — L5.14'의 일반화

왜 일반화? — 증명이 더 쉽기

Proof

