



LR-Grammars

LR(0), LR(1), and LR(K)



Deterministic Context-Free Languages

- DCFL
- A family of languages that are accepted by a Deterministic Pushdown Automaton (DPDA)
- Many programming languages can be described by means of DCFLs



Prefix and Proper Prefix

- Prefix (of a string)
 - Any number of leading symbols of that string
 - Example: abc
 - Prefixes: ϵ , a, ab, abc
- Proper Prefix (of a string)
 - A prefix of a string, but not the string itself
 - Example: abc
 - Proper prefixes: ϵ , a, ab