❑ 基于分析树的语法制导翻译方案

$L \to E$ **n** $\{print \ (E.val) \}$ V1

$E \to E_1 + T$ $\{E.val = E_1.val + T.val \}$ V2
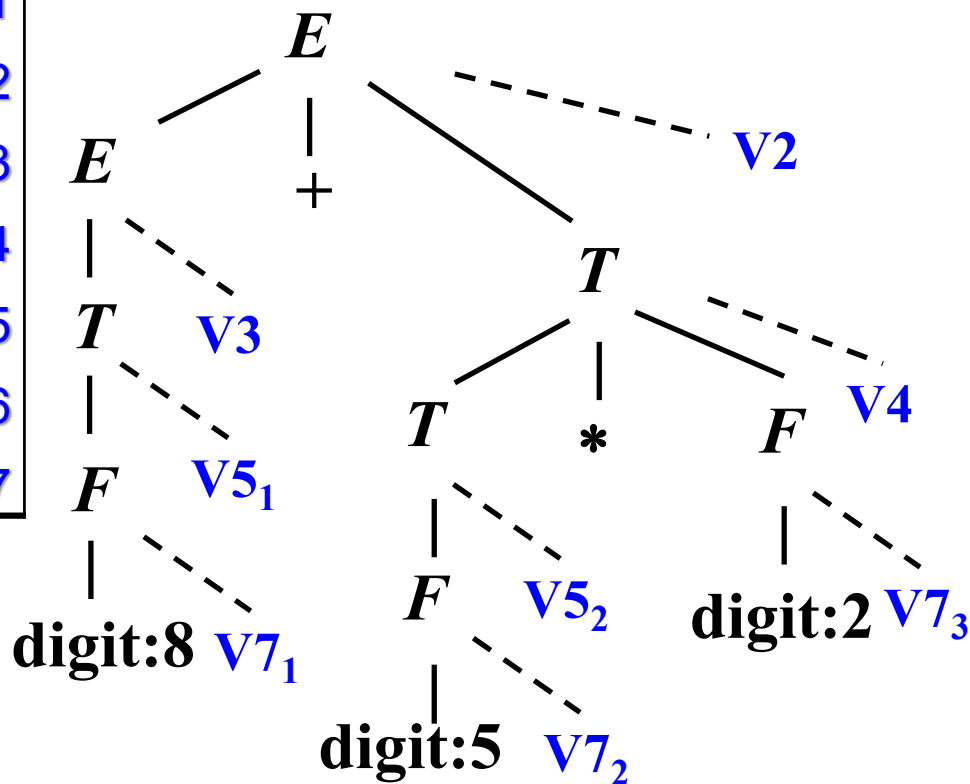
$E \to T$ $\{E.val = T.val \}$ V3

$T \to T_1 * F$ $\{T.val = T_1.val * F.val \}$ V4

$T \to F$ $\{T.val = F.val \}$ V5

$F \to (E)$ $\{F.val = E.val \}$ V6

$F \to$ **digit** $\{F.val = digit.lexval\}$ V7

- **语句8+5*2的分析树如右**

- **深度优先可知动作执行顺序**
  - **$V7_1, V5_1, V3, V7_2, V5_2, V7_3, V4, V2$**