Lecrone #8 Fixing Ambiguous grammars

Syntax Directed translation (SDT)

Dealing with ill-shaped parse frees.

Bad Grammar => Left recursive.

Ambiguity.

The grammon -> correct precedence in Parse Tree

BJ: E-E N

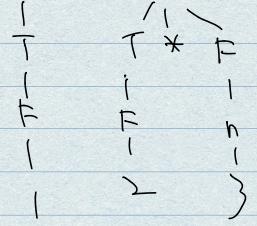
[1-2-3] (See slide)

=> Non-ambiguous grammar

E → E+T | T T → T & F | F F -> (E) (n.

1+2 * 3

E // E + T



How to Construct. AST.

—> travoise Poise tree bottom up.

construct AST Mode

Attribute grammars

- Constauce AST

- Type check on AST

- document layout information

- Syntax highlighning.

Parse Free Pewrite.

