Lec 24/03 Parie Table for Shift Reduce si -> shift and goto state i oi → reduce using onle # i State 5 is found using State 0 2 symbol x. additional proof $S' \rightarrow S \$$ So that we always know when to stop as $S \rightarrow \times /\beta$ if \$. $E \rightarrow id + E \mid id \quad id + id + id$

(bad strategy: occluse whenever ...) path (i.e. n'ghtmost derivation) "whenever u see a handle, foure it, i.e. reduce it & u are done". Parsable Unamb. CFG

LL(K) LR(K)

Umambiguous CFG outside LR > we can get a Shift Reduce conflict Valid Parser Stack ": sequences of prefixes of hardles. ceq of prefixes of handles of han

(lang of G) lang. cont. all viable

Prefixed of gramm G,

Terminals of $L_2 \in T | N$ entire vedd the i Stack config n as a string and do membership check on the xi 's reg lang