
Lexical Analyzer: Transition Diagram of Keywords, Identifiers, Operators – Reserved Word Strategy -- Deterministic and Non Deterministic Automata (DFA and NFA) – Conversion from NFA to DFA.


Semantic Analyzer: Semantic Actions, Translation Fields, Values of Translation.


Error Handling: Lexical and Syntactic Errors – Error Handling in LL(1) and LR(0) Parsing – Table Driven and Panic Mode Error Recoveries – Overheads of Recovery -- Semantic Error Concepts, Examples and Recovery.


TEXT BOOK:


REFERENCE BOOK:

5) Compiler Design in C – Holub, Prentice Hall.