

Chomsky & Greibach Normal Forms

Hector Miguel Chavez
Western Michigan University

Presentation Outline

- Introduction
- Chomsky normal form
 - Preliminary simplifications
 - Final steps
- Greibach Normal Form
 - Algorithm (Example)
- Summary

Grammar: $G = (V, T, P, S)$

Terminals

$$T = \{ a, b \}$$

Variables

$$V = A, B, C$$

Start Symbol

S

Production

$$P = S \rightarrow A$$