Pumping Lemma Atri Rudra May 17



1 (d) on H/W #6

Should read exactly one extra (
Problem say one extra)

Jenny's office hours

No office hour today
Tomorrow, Thu May 18, 1:00 – 3:00pm
4th floor breakout area

Last lecture

• Converting PDAs to CFG
• Given $M = \langle Q, \Sigma, \Gamma, \delta, s, \{f\} \rangle$ • Build a $G = \langle V, \Sigma, R, A_{sf} \rangle$ • $V = \{A_{pq} | p, q \in Q\}$ • Three kinds of rules
• For every $p, q, r, s \in Q, t \in \Gamma, a, b \in \Sigma \cup \{\epsilon\}, if$ • then add the rule $A_{pq} \rightarrow aA_{rs}b$





















