













































Deterministic PDA step 2: eliminate infinite loops - infinite seq. $i_0 < i_1 < \dots$ such that for all k, stack height never decreases below $ht(i_k)$ after time i_k – infinite subsequence $j_0 < j_1 < j_2 < \dots$ such that same transition is applied at each time jk • never see any stack symbol below t from j_k on р • we are in a periodic, deterministic $\epsilon t \rightarrow s$ sequence of stack operations independent of the input January 24, 2025 CS21 Lecture 8 21





