30. Modified deep pushdown automata
xskvar06

 This presentation is introducing bachelor thesis describing new modifications of deep pushdown automata(originally denoted by Alexander Meduna in article Automata and languages). Both modifications consist of removing states from deep pushdown automata making new stateless versions of it. The second denoted modification introduce parallel version of stateless deep pushdown automata which is modifiing the concept of first model.

In the beginning of this presentation the basic definition of deep pushdown automata is reviewed, which leads to denotion of stateless deep pushdown automata, and parallel version of stateless deep pushdown automata. The basic difference of these two new models and pushdown automata will be also presented. Language accepted by these two modifications will be expressed on example for clarification.

In the ending of the presentation, expressive power of these two modification is pointed out.