

The Employment of Prolog for a Syntax Analysis in Syntactic Pattern Recognition Applications

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Abstract: In the paper some possibilities of the employment of Prolog for a syntax analysis of context-free languages are shown with respect to syntactic pattern recognition applications. The new syntax-analyzer based on “top-down” strategy is proposed. All terminal symbols contained on a right side of a production of a context-free grammar are used for the decision whether or not the production shall be applied.

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AMS Subject Classification: