Transformations of Translation Grammars

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Abstract: A one-pass translation algorithm may be constructed by an extension of $LR(k)$ parser for some R-translation grammars. An LR parser is possible to extend in such a way that output of output symbols is performed during both basic operations of the parser - shift and reduce. Some transformations are studied which enable to transform some class of translation grammars on R-translation grammars. The most important transformations that can be used for this purpose are those called shaking down and postponing.

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