Classification: AL 3.3

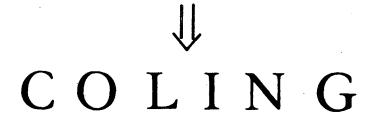
PROPERTIES OF FORMAL GRAMMARS WITH MIXED TYPE OF RULES AND THEIR LINGUISTIC RELEVANCE

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AND THEIR LINGUISTIC RELEVANCE

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ABSTRACT

In this paper, we will study a class of formal grammars with mixed types of rules. The reason for considering such grammars is that no single style (i.e., formal character of rules) of formal grammars is able to represent the various aspects of language structure in a natural way. Various considerations for setting up such grammars have been discussed. Generation schemes which map strings in the language of one mixed grammar into strings in the language of another mixed grammar (both strings being 'well-formed') have been studied. Linguistic relevance of these concepts has also been discussed.

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