

Lambek, J.

Pregroup grammars and Chomsky's earliest examples. (English) Zbl 1162.68721
J. Logic Lang. Inf. 17, No. 2, 141-160 (2008).

This expository paper aims at giving an introduction to the author's pregroup grammars ["A computational algebraic approach to English grammar", *Syntax* 7, No. 2, 128–147 (2004); *Grammars* 4, No. 1, 21–39 (2001; [Zbl 1007.03031](#)); *Lect. Notes Comput. Sci.* 1582, 1–27 (1999; [Zbl 0934.03043](#))] at the hands of a few examples of *N. Chomsky* [*Syntactic Structures*. The Hague: Mouton (1957)]. The author would like to see "how questions of syntax and morphology can be handled formally in the framework of pregroup grammar by appropriate type assignments to words in the mental dictionary". Although the pregroup approach is not quite as simple as Chomsky's original generative-transformational one, the former is intended to complement the latter by providing a model for subconscious computations.

Reviewer: [Hirokazu Nishimura \(Tsukuba\)](#)

MSC:

[68T50](#) Natural language processing
[03B65](#) Logic of natural languages

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