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AUGMENTED PHRASE STRUCTURE GRAMMAR AND BINARY RULES; 2.1. An implementation of APSG; 2.2. Rules with unordered constituents; 3. MORE REASONS FOR REVISING PHRASE STRUCTURE; 3.1. Discontinuous constituents; 3.2. Indirect objects in English; 3.3. Serial verb constructions in Dutch; 4. CONCLUSIONS; REFERENCES; AN INTRODUCTION TO TREE ADJOINING GRAMMARS; 1. INTRODUCTION; 2. TREE ADJOINING GRAMMAR FORMALISM; 2.1 TAG'S WITH "LINKS"; 2.2 TAG'S WITH LOCAL CONSTRAINTS ON ADJOINING; 2.3 DERIVATION IN A TAG; 3. MULTICOMPONENT ADJOINING  
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 2.1 Formal Specification of GPSG

Sommario/riassunto

By mathematics of language is meant the mathematical properties that may, under certain assumptions about modeling, be attributed to human languages and related symbolic systems, as well as the increasingly active and autonomous scholarly discipline that studies such things. More specifically, the use of techniques developed in a variety of pure and applied mathematics, including logic and the theory of computation, in the discovery and articulation of insights into the structure of language. Some of the contributions to this volume deal primarily with foundational issues, others with s