

SYNTAX

**CRITICAL CONCEPTS IN
LINGUISTICS**

**Edited by
ROBERT FREIDIN AND HOWARD LASNIK**

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Critical Concepts in Linguistics

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Robert Freidin and
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PREFACE

A theory of syntax is largely a theory about the syntactic representation of linguistic expressions. Views on how such representations are constructed have changed radically from the advent of transformational generative grammar in the 1950s to the present. In the beginning syntactic representations were constructed in two parts, one produced by a set of phrase structure rules (a phrase structure grammar), and the other resulting from the application of a set of transformational rules (the transformational component) to the output of the set of phrase structure rules. The initial formulations of phrase structure rules and transformations were relatively unconstrained (certainly compared to what developed); they served primarily as descriptive devices to account for the data of natural language syntax. As the theories of phrase structure rules and of transformations developed, their natural interdependence became clearer, so that changes in one theory directly affected the other (e.g. introducing sentential recursion in phrase structure rules leads to the transformational cycle). The two theories were in turn significantly affected by the formulation of general conditions on derivations and representations, leading ultimately to the Principles and Parameters (henceforth P&P) framework where phrase structure rules have been eliminated as a device from the theory of grammar, and transformations have been reduced to their bare essentials. The application of notions of economy for derivations and representations within the P&P framework has resulted in further simplifications in the theory of grammar, leading to the fundamental questions of the Minimalist Program (MP) concerning basic issues of language design.

The papers in this collection are concerned with the fundamental concepts, mechanisms, and analyses of transformational generative grammar. We apply the notion “fundamental” broadly to include concepts, mechanisms and analyses that might have been superseded, but which have significantly contributed to the basis of current work, as well as those of the most recent proposals. As the recent resurrection of generalized transformations stunningly illustrates, old ideas that have been discarded along the way can be resuscitated and refurbished to play a central role on current theory. Also, old analyses that have been abandoned in current work may still turn out to be correct in principle and perhaps in detail as well

PREFACE

(see H. Lasnik, '*Syntactic Structures' Revisited*, M.I.T. Press (2000) for discussion).

This collection covers the two central topics of syntactic theory: the grammatical mechanisms that produce syntactic representations and the principles of grammar that restrict either their operation or the representations they construct. The first three volumes mainly concern the former while the last three volumes primarily focus on principles of grammar that either restrict the application of rules, thereby constraining derivations, or place well-formedness constraints on the representations constructed. Volume I is devoted to the topic of phrase structure. Volumes II and III cover the topic of transformations: phrasal vs. head movement, and deletion. Volume IV deals with principles that concern the locality of movement operations and the cyclic application of rules. Volume V concerns the subtheories of Case, thematic roles, and binding. Volume VI covers control theory, economy, and its development in minimalism. These topics are obviously intrinsically interconnected, thus a chapter in one volume may also deal with a topic covered in another volume. Papers have been organized in terms of their most salient contribution. For example, Chomsky's "Remarks on nominalizations", which makes fundamental contributions to the theory of transformations as well as the theory of phrase structure, occurs in Volume I rather than the volume on transformations that covers phrasal movement. The importance of such papers for other topics will be noted in the introductions to the appropriate volumes.

The theory of transformational generative grammar was of course pioneered in the early 1950s by Noam Chomsky. For over half a century his work has continued to set the research agenda for the field. As this collection illustrates, his contributions have been constant and fundamental. Therefore we would like to acknowledge especially his kind permission to reprint so much of this important work, including material which because of space constraints had to be excerpted.

In constructing this collection we were aided by several other people who we would like to acknowledge. Carlos Otero, the series editor, has been a constant source of wisdom, encouragement and much else. Tomohiro Fujii has provided indispensable assistance, both substantive and editorial, in the preparation of these volumes. Cedric Boeckx and Jean-Roger Vergnaud have been ongoing sources of good advice. And finally, we would like to thank our colleagues whose work is collected in these volumes.

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Date	Author(s)	Title	Source	Vol.	Ch
1957	Noam Chomsky	Phrase structure	N. Chomsky, <i>Syntactic Structures</i> . The Hague: Mouton, pp. 26–33.	I	1
1957	Noam Chomsky	Limitations of phrase structure description	N. Chomsky, <i>Syntactic Structures</i> . The Hague: Mouton, pp. 34–48.	II	25
1957	Noam Chomsky	Some transformations in English	N. Chomsky, <i>Syntactic Structures</i> . The Hague: Mouton, pp. 61–84.	II	26
1965	Noam Chomsky	Deep structures and grammatical transformations	N. Chomsky, <i>Aspects of the Theory of Syntax</i> . Cambridge, MA: MIT Press, pp. 128–147.	IV	65
1966	Noam Chomsky	Excerpt from “The theory of transformational generative grammar”	N. Chomsky, <i>Topics in the Theory of Generative Grammar</i> . The Hague: Mouton, pp. 68–74.	I	2
1967	John Robert Ross	Excerpts from <i>Constraints on Variables in Syntax</i>	J. R. Ross, MIT PhD dissertation, in G. Harman (ed.) <i>On Noam Chomsky: critical essays</i> , 2nd edn, University of Massachusetts Press, 1974, pp. 165–200.	IV	56
1968	James D. McCawley	Concerning the base component of a transformational grammar	R. Binnick, A. Davison, G. Green, and J. Morgan (eds), <i>Papers from the 5th Regional Meeting of the Chicago Linguistic Society</i> , pp. 252–286.	I	3
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1972	Joseph E. Emmons	Evidence that indirect object movement is a structure-preserving rule	<i>Foundations of Language</i> 8: 546–561.	II	32
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1976	Noam Chomsky	Excerpt from Conditions on rules of grammar Remarks on coreference On wh-movement	<i>Linguistic Analysis</i> 2(1): 1–22. P. Culicover, T. Wasow and A. Akmajian (eds), <i>Formal Syntax</i> , New York: Academic Press, pp. 71–132.	V	76
1976	Howard Lasnik	Letter to Noam Chomsky and Howard Lasnik	J.-R. Vergnaud, Letter to N. Chomsky and H. Lasnik re their ms. “Filters and control”.	V	69
1977	Noam Chomsky	Discourse and logical form	<i>Linguistic Inquiry</i> 8: 101–139.	III	53
1977	Jean-Roger Vergnaud	Cyclicity and the theory of grammar	<i>Linguistic Inquiry</i> 9: 519–549.	IV	66
1977	Edwin Williams	Why subject sentences don't exist	S. J. Keyser (ed.), <i>Recent Transformational Studies in European Languages</i> , Linguistic Inquiry monograph #3, MIT Press, pp. 53–64.	III	40
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1978	Jan Koster	What was there before there was there	D. Farkas, W. Jacobsen and K. Todrys (eds), <i>Papers from the 14th Regional Meeting. Chicago Linguistic Society</i> : 458–471.	III	44
1978	Joseph J. Kupin		<i>Linguistic Inquiry</i> 9: 31–43.	III	52
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1978	Edwin Williams	Across-the-board rule application	L. Rizzi, <i>Issues in Italian Syntax</i> , Dordrecht: Foris, pp. 49–76.	IV	59
1980	Noam Chomsky	Excerpt from ‘On binding’			
1980	Luigi Rizzi	Violations of the <i>wh</i> -island constraint and the subjacency condition			

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		N. Hornstein and D. Lightfoot (eds), <i>Explanation in Linguistics: The Logical Problem of Language Acquisition</i> . Harlow, Essex: Longman, pp. 32–75.	IV	60
		N. Chomsky, §3.2.3 of chapter 3, "The theory of binding", <i>Lectures on Government and Binding</i> , Dordrecht: Foris, pp. 183–198.	V	80
		N. Chomsky, "LF-representation and θ-theory (1)", §2.2 of chapter 2, "The base" and "LF-representation and θ-theory (2)" §§2.5 and 2.6 of chapter 2, from <i>Lectures on Government and Binding: The Pisa Lectures</i> , Dordrecht: Foris, pp. 134–48, 92–117.	V	73
		N. Chomsky, §2.4.3 of chapter 2, "Control theory" <i>Lectures on Government and Binding</i> , Dordrecht: Foris, pp. 74–79.	VI	84
		R. Kayne, <i>Connectedness and Binary Branching</i> , Dordrecht: Foris, 1984, pp. 129–163. (Originally published in R. May and J. Koster (eds), <i>Levels of Syntactic Representation</i> , Dordrecht: Foris, pp. 143–183.)	I	18
		N. Hornstein and D. Lightfoot (eds), <i>Explanation in Linguistics: The Logical Problem of Language Acquisition</i> . Harlow, Essex: Longman, pp. 125–145, 272–81.	III	45
		<i>Linguistic Inquiry</i> 12(4): 605–635.	V	77
		T. Stowell, <i>Origins of Phrase Structure</i> . Unpublished MIT dissertation, chapter 3, sections 1–2, pp. 105–125.	I	13

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1982	C.-T. James Huang	Move wh in a language without wh movement	<i>The Linguistic Review</i> 1: 369–416.	II	37
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1983	James Higginbotham	Logical form, binding, and nominals	<i>Linguistic Inquiry</i> 14: 395–420.	V	81
1983	Edwin S. Williams	Against small clauses	<i>Linguistic Inquiry</i> 14(2): 287–308.	I	9
1984	Mona Anderson	Prenominal genitive NPs	<i>The Linguistic Review</i> 3: 1–24.	I	6
1984	Mark R. Baltin	Extraposition rules and discontinuous constituents	<i>Linguistic Inquiry</i> 15: 157–163.	I	22
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1984	Esther Torrego	On inversion in Spanish and some of its effects	<i>Linguistic Inquiry</i> 15: 103–129.	IV	67
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1988	Adriana Belletti and Luigi Rizzi	Notes on psych-verbs, θ-theory, and binding	R. Freidin (ed.), <i>Principles and Parameters in Comparative Grammar</i> , Cambridge, MA: MIT Press, pp. 132–162.	V	74

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1989	M. A. Browning	ECP ≠ CED	<i>Linguistic Inquiry</i> 20: 481–491.	IV	62
1989	Ken Hale	On nonconfigurational structures	L. Marácz and P. Muysken (eds), <i>Configurationality: The Typology of Asymmetries</i> , Dordrecht: Foris, pp. 293–300.	I	20
1989	Jean-Yves Pollock	Verb movement, universal grammar and the structure of IP	<i>Linguistic Inquiry</i> 20(3): 365–424.	I	10
1989	Lisa Travis	Parameters of phrase structure	M. Baltin and A. Kroch (eds), <i>Alternative Conceptions of Phrase Structure</i> , University of Chicago Press, pp. 263–279.	I	14
1990	Guglielmo Cinque	Excerpt from Long and successive cyclic <i>wh</i> -movement	G. Cinque, <i>Types of A-bar Dependencies</i> , <i>Linguistic Inquiry</i> monograph #17, Cambridge, MA: MIT Press, §§1.1–1.4.6; pp. 1–20.	IV	68
1990	Luigi Rizzi	Opacity effects on adjunct variables	L. Rizzi, <i>Relativized Minimality</i> , MIT Press, pp. 1–27.	IV	63
1991	Noam Chomsky	Some notes on economy of derivation and representation	N. Chomsky, <i>The Minimalist Program</i> , Cambridge, MA: MIT Press, 1995, pp. 129–166. (Originally published in R. Freidin (ed.), <i>Principles and Parameters in Comparative Grammar</i> , Cambridge, MA: MIT Press.)	VI	87
1991	Robert Freidin and Rex A. Sprouse	Lexical case phenomena	R. Freidin (ed.), <i>Principles and Parameters in Comparative Grammar</i> , Cambridge, MA: MIT Press, pp. 392–416.	V	72
1991	Eric Hoekstra	On double objects in English and Dutch	K. Lefèf and D. Bouchard (eds), <i>Views on Phrase Structure</i> , Dordrecht: Kluwer, pp. 83–95.	II	35
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1992	Howard Lasnik	Two notes on control and binding	R. Larson, S. Iatridou, U. Lahiri and J. Higginbotham (eds), <i>Control and Grammar</i> , Dordrecht: Kluwer, pp. 235–251.	VI	85

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1993	Noam Chomsky and Howard Lasnik	Binding theory	N. Chomsky and H. Lasnik, §1.4.2 of chapter 1 “The theory of principles and parameters”, in <i>The Minimalist Program</i> , MIT Press, 1995, pp. 92–110. (Originally published in J. Jacobs, A. von Siechow, W. Sternefeld and T. Vennemann (eds), <i>Syntax: An International Handbook of Contemporary Research</i> . Berlin: de Gruyter.)	V	82
1993	Noam Chomsky and Howard Lasnik	Excerpt from Case theory	N. Chomsky and H. Lasnik “The theory of principles and parameters”, in <i>The Minimalist Program</i> , Cambridge, MA: MIT Press, 1995, pp. 110–124. (Originally published in J. Jacobs, A. von Siechow, W. Sternefeld and T. Vennemann (eds), <i>Syntax: An International Handbook of Contemporary Research</i> , Berlin: de Gruyter, (§1.4.3).) <i>Linguistic Inquiry</i> monograph #25, MIT Press, pp. 3–12.	V	71
1994	Richard S. Kayne	<i>The Antisymmetry of Syntax</i> , part I	D. Lightfoot and N. Hornstein (eds), <i>Verb Movement</i> , Cambridge: Cambridge University Press, pp. 207–242.	III	46
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1995	M. Koizumi	The split VP hypothesis	H. Lasnik, <i>Minimalist Analysis</i> , Oxford: Blackwell, 1999, pp. 151–174. (Originally published in Pensalfini and Ura (eds), <i>Papers on Minimalist Syntax</i> , MIT Working Papers in Linguistics 27, pp. 143–163.)	I	11
1995	Howard Lasnik	A note on Pseudogapping	H. Lasnik, <i>Minimalist Analysis</i> , Oxford: Blackwell, 1999, pp. 72–96. (Originally published in <i>Linguistic Inquiry</i> 26: 615–633.)	III	48
1995	Howard Lasnik	Case and expletives revisited: on greed and other human failings	U. Lutz and J. Pafel (eds), <i>On Extraction and Extrapolation in German</i> , Philadelphia: John Benjamins Publishing, pp. 213–243.	VI	91
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