### Head-Driven Phrase Structure Grammar: The handbook

Edited by

Jean-Pierre Koenig Centrol

**Empirically Oriented Theoretical** Morphology and Syntax 99



#### Empirically Oriented Theoretical Morphology and Syntax

Chief Editor: Stefan Müller

Consulting Editors: Berthold Crysmann, Laura Kallmeyer

#### In this series:

- 1. Lichte, Timm. Syntax und Valenz: Zur Modellierung kohärenter und elliptischer Strukturen mit Baumadjunktionsgrammatiken
- 2. Bîlbîie, Gabriela. Grammaire des constructions elliptiques: Une étude comparative des phrases sans verbe en roumain et en français
- 3. Bowern, Claire, Laurence Horn & Raffaella Zanuttini (eds.). On looking into words (and beyond): Structures, Relations, Analyses

ISSN: 2366-3529

# Head-Driven Phrase Structure Grammar: The handbook

Edited by

Stefan Müller

Anne Abeillé

Robert D. Borsley

Jean-Pierre Koenig



Stefan Müller , Anne Abeillé, Robert D. Borsley & Jean-Pierre Koenig (ed.). 2018. *Head-Driven Phrase Structure Grammar: The handbook* (Empirically Oriented Theoretical Morphology and Syntax 99). Berlin: Language Science Press.

This title can be downloaded at:

http://langsci-press.org/catalog/book/000

© 2018, the authors

Published under the Creative Commons Attribution 4.0 Licence (CC BY 4.0):

http://creativecommons.org/licenses/by/4.0/

ISBN: no digital ISBN

no print ISBNs! ISSN: 2366-3529

no DOI

Source code available from www.github.com/langsci/000 Collaborative reading: paperhive.org/documents/remote?type=langsci&id=000

Cover and concept of design: Ulrike Harbort

Fonts: Linux Libertine, Libertinus Math, Arimo, DejaVu Sans Mono

Typesetting software: X¬IATeX

Language Science Press Unter den Linden 6 10099 Berlin, Germany langsci-press.org

Storage and cataloguing done by FU Berlin

no logo

#### **Contents**

Preface		v
Ac	cknowledgments	vii
I	Introduction	
1	Basic properties and elements Bob Borsley & Anne Abeillé	3
2	The evolution of HPSG  Dan Flickinger, Carl Pollard & Tom Wasow	7
3	Formal Background Frank Richter	41
4	The nature and role of the lexicon in HPSG Anthony Davis & Jean-Pierre Koenig	43
5	Understudied languages Doug Ball & Aron Broadwell	83
II	Syntactic phenomena	
6	Agreement Stephen Wechsler	87
7	Case Adam Przepiórkowski	111
8	Nominal structures Frank Van Eynde	139

#### Contents

9	Argument structure and linking Stephen Wechsler, Jean-Pierre Koenig & Anthony Davis	141
		141
10	Constituent order Stefan Müller	183
11	Clitics Berthold Crysmann & Gerald Penn	223
12	Complex predicates Danièle Godard & Pollet Samvelian	225
13	Control and raising Anne Abeillé	227
14	Unbounded dependencies Bob Borsley & Berthold Crysmann	229
15	Relative clauses Doug Arnold & Danièle Godard	231
16	Island phenomena and related matters Rui Chaves	233
17	Coordination Anne Abeillé & Rui Chaves	287
18	Idioms Manfred Sailer	289
19	Negation Jong-Bok Kim	321
20	Ellipsis Joanna Nykiel & Jong-Bok Kim	357
21	Anaphoric Binding	359

III	Other levels of description	
22	Phonology Jesse Tseng	403
23	Morphology Berthold Crysmann	407
24	Semantics Jean-Pierre Koenig & Frank Richter	409
25	Information structure Kordula de Kuthy	411
IV	Other areas of linguistics	
26	Diachronic syntax Ulrike Demske	441
27	<b>Acquisition</b> Jonathan Ginzburg	443
28	Processing Tom Wasow	445
29	Computational linguistics and grammar engineering Emily M. Bender & Guy Emerson	467
30	<b>Grammar in dialogue</b> Andy Lücking, Jonathan Ginzburg & Robin Cooper	479
31	Sign languages Markus Steinbach & Anke Holler	513
32	Gesture Andy Lücking	515

#### Contents

V	The broader picture	
33	HPSG and Minimalism Robert D. Borsley & Stefan Müller	<b>54</b> 5
34	HPSG and Categorial Grammar Yusuke Kubota	615
35	HPSG and Lexical Functional Grammar Doug Arnold	617
36	HPSG and Dependency Grammar Dick Hudson	619
37	HPSG and Construction Grammar Stefan Müller	623
Inc	lexes	657

#### **Preface**

#### Acknowledgments

## Part I Introduction