Table of contents



doi https://doi.org/10.1075/cilt.229.toc

Pages v-vi of

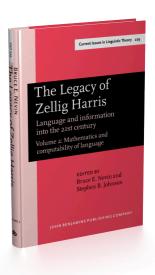
The Legacy of Zellig Harris. Volume 2: Mathematics and computability of language: Language and information into the 21st century

Edited by Bruce E. Nevin and Stephen B. Johnson [Current Issues in Linguistic Theory, 229] 2002. xix, 312 pp.

© John Benjamins Publishing Company

This electronic file may not be altered in any way. For any reuse of this material written permission should be obtained from the publishers or through the Copyright Clearance Center (for USA: www.copyright.com).

For further information, please contact rights@benjamins.nl or consult our website at benjamins.com/rights



Contents

	Foreword Stephen B. Johnson	vii
	Acknowledgements	xix
	Reflections on references to mathematics in the work of Zellig Harris André Lentin	1
Pa	rt 1 Mathematics and formal systems	
1.	Formal grammar and information theory: together again? Fernando Pereira	13
2.	Logics for intercalation Richard T. Oehrle	33
3.	Sequence structure D. Terence Langendoen	61
Pa	rt 2 Computability of language	
4.	The computability of strings, transformations, and sublanguage Naomi Sager & Ngô Thanh Nhàn	79
5.	Hierarchical structure and sentence description Aravind K. Joshi	121
6.	The computability of operator grammar Stephen B. Johnson	143

Part 3 Computer applications

7. Distributional syntactic analysis and valency: Basic notions, procedures, and applications of the Pronominal Approach Karel van den Eynde, Sabine Kirchmeier-Andersen, Piet Mertens, & Lene Schösler	163
8. Contextual acquisition of information categories: what has been done and what can be done automatically? Benoît Habert & Pierre Zweigenbaum	203
9. Text generation within sublanguages Richard I. Kittredge	233
10. A distributional semantics applied to computer user interfaces <i>Richard Smaby</i>	259
Zellig Sabbettai Harris — A comprehensive bibliography of his writings, 1932–2002 <i>E.F.K. Koerner</i>	293
Name index	305
Subject index	