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978-0-521-79240-0 - The Grammar of Polarity: Pragmatics, Sensitivity, and the Logic of Scales

Michael Israel

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THE GRAMMAR OF POLARITY

Many, and perhaps all, languages include constructions which are sensitive to the expression of polarity: that is, negative polarity items, which cannot occur in affirmative clauses, and positive polarity items, which cannot occur in negatives. Although relatively unknown outside of linguistics, the phenomenon of polarity sensitivity has been an important source of evidence for theories about the mental architecture of grammar over the last fifty years, and to many the oddly dysfunctional sensitivities of polarity items have seemed to support a view of grammar as an encapsulated mental module fundamentally unrelated to other aspects of human cognition or communicative behavior. This book draws on insights from cognitive/functional linguistics and formal semantics to argue that, on the contrary, the grammar of sensitivity is grounded in a very general human cognitive ability to form categories and draw inferences based on scalar alternatives, and in the ways this ability is deployed for rhetorical effects in ordinary interpersonal communication. The book surveys a wide variety of polarity items, both negative and positive, commonly found in English and other languages and shows that grammatical sensitivities arise regularly and only in semantic domains which are inherently scalar.

MICHAEL ISRAEL is Associate Professor of English Language at the University of Maryland, College Park.

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THE LOGIC OF SCALES

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The more that I philosophize
The more and more I realize
That little things which I despise,
Like peanut shells and grains of sand,
Are very hard, hard to understand.

Delmer Israel, *To Harry F. Harlow*

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Acknowledgments

This book began with an epiphany in a stairwell by the sea near San Diego. The idea that two rhetorical tropes, exaggeration (emphasis) and understatement (attenuation), might explain the entire grammar of polarity sensitivity (NPIs and PPIs), seemed in an instant so neat, obvious, and simple, I was sure it must be obviously wrong or else already widely assumed, or perhaps both. Now I think the idea was both less obvious and more correct than I first suspected. That idea became the basis for a qualifying paper in 1994, a paper in *Linguistics and Philosophy* in 1996, and a dissertation in 1998, as well as a handful of shorter works (Israel 1997, 1999, 2001, 2006), and now, finally, for this book. Even now I wonder if I have done justice to this one little idea, but I know that what justice I have done, I could never have done alone. While I am entirely responsible for the inadequacies which remain in this work, I am deeply in the debt of others for what virtues I have managed to include.

Probably I never could have had the idea at all were it not for the extraordinary scholars and teachers who inspired me on my way. It was Chuck Fillmore who first introduced me to polarity items and Eve Sweetser who first taught me to see the rhetoric in lexical semantics, and neither seems ever to have tired of encouraging me since. Adele Goldberg, Suzanne Kemmer, and George Lakoff, each in their different ways, taught me to seek the connections between grammar and meaning, and to appreciate the importance of doing so. Ron Langacker was always generous to me with his thoughts and patient and kind as he encouraged me to develop my own. I am deeply grateful for the thoughtful advice and meticulous readings he has given to me and this work over the years. Gilles Fauconnier, whose old ideas are at the heart of this work, was unstinting in his willingness to revisit old issues here and to help me as I worked through them again. And special thanks are due to Larry Horn, who has been generously reading and responding to drafts of this work almost from the beginning. His unflagging enthusiasm has sustained me throughout and his insights have greatly improved the final product.

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Abbreviations

ACC	Accusative
ADJ	Adjective
API	Affective polarity item
BNC	British National Corpus
CN	Common Noun
DAT	Dative
DE	Downward entailing
DEC	Declarative
DET	Determiner
DISJ	Disjunctive
ERG	Ergative
FC	Free choice
FP	Focus particle
FUT	Future
IC	Implication Constraint
IMPF	Imperfective
INDEF	Indefinite
INF	Infinitive
LF	Logical form
LM	Landmark
MOD	Modal
N	Noun
NEG	Negative
NOM	Nominal (i.e. N', the complement of a determiner in an NP)
NP	Noun Phrase
NPI	Negative polarity item
<i>OED</i>	<i>Oxford English Dictionary</i>
P	Preposition/particle
PFV	Perfective
PL	Plural

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PPI	Positive polarity item
PRO	Pronoun
PS	Polarity sensitive
S	Finite clause
SG	Singular
SUBJ	Subjunctive
UE	Upward entailing
TR	Trajector
V	Verb
VP	Verb Phrase
WSJ	<i>Wall Street Journal</i>