

Contents

Acknowledgements	xi
List of Abbreviations	xv
Introduction	1
1 A Phenomenon and a Principle: The Isomorphic Linking Hypothesis	1
2 Representations	3
3 The Competition	5
4 Advantages of this Proposal	5
5 Going Forward	7
Part I A Geometric Theory of Linking	
1 Conceptual Structure	11
1.1 Motivating Conceptual Structure: A Review of the Problems with Theta Grids	11
1.2 Representing Arguments and Satisfying the Theta Criterion	16
1.3 Building Conceptual Structure Representations	19
1.3.1 Argument Fusion and Selection	19
1.3.2 Constraining Fusion: The Prohibition Against Double Fusion	22
1.4 Streamlining the Set of CS Primitives	24
1.5 Argument Structure: The Interface Projection from CS	33
2 Eliminating the Direct/Indirect Internal Argument Distinction	35
2.1 Reasons to Eliminate Indirect Arguments	35
2.2 Apparent Problems and Their Solutions	38
2.2.1 Syntactic Category	38
2.2.2 Linear Order	40
2.2.3 Lexical Rules	40
2.3 Summary	50

3	Explaining Linking Regularities	53
3.1	A New Linking Proposal: The Isomorphic Linking Hypothesis	54
3.2	Causative Verbs	59
3.2.1	Simple Causative Verbs	59
3.2.2	Productive “double agent” Causative Verbs	62
3.3	Comparing the ILH to Other Linking Theories	68
3.3.1	The Thematic Hierarchy Hypothesis (THH)	68
3.3.2	The Uniformity of Theta Assignment Hypothesis (UTAH) .	69
3.3.3	Why the ILH Is a Better Linking Theory than THH and UTAH	71
3.4	Unaccusative and Unergative Verb Linking and Some Linking Predictions	77
3.4.1	Unaccusative Verb Linking	79
3.4.2	Unergative Verb Linking	81
3.4.3	Some Linking Predictions	83
3.5	Some Problematic Verb Classes	85
3.6	Summary: The Linking Theory So Far	86
4	Syntactically Unexpressed Arguments, Incorporation, and Adjuncts .	89
4.1	Implicit Argument Verbs and Implications for Lexical Entries	89
4.1.1	Implicit Theme Verbs: <i>cook, eat, drink</i>	89
4.1.2	More Implicit Theme Verbs: <i>rain</i> and <i>snow</i>	93
4.1.3	Implicit PLACE Verbs: <i>deliver</i> (Concrete PLACE) and <i>transform</i> (Abstract PLACE)	95
4.2	Incorporated Argument Verbs	100
4.2.1	Incorporated Theme Verbs and Adjunct Fusion: <i>butter</i> and <i>bone</i>	100
4.2.2	More Incorporated Theme Verbs: <i>ticket, leaflet,</i> <i>stone, gas</i>	110
4.2.3	Incorporated Concrete PLACE Verbs: <i>bag, box, bottle,</i> <i>file, shelve</i>	112
4.3	Coindexed Argument Verbs and the Bound Argument Condition on Linking	117
4.4	Delinked CS Arguments: Mismatches Introduced By Word-Formation Rules	119
4.4.1	Delinked External Arguments: Passive Verbs, Middle Verbs and Deverbal Nominals	120
4.4.2	Delinked Internal Arguments: Reciprocal Verbs and Reflexive Verbs	124
4.5	Maintaining the Argument/Adjunct Distinction in Light of Selected Adjuncts	128
4.5.1	Syntactic Arguments	128
4.5.2	Adjuncts	131
4.5.3	Tests for the Argument/Adjunct Distinction	132
4.5.4	Additional Justifications for the Argument/Adjunct Distinction	134

5	The Linking of Resultative Verbs: Clausal Fusion	137
5.1	The Conceptual Structure of Resultative Verbs	138
5.2	The Argument Structure of Resultative Verbs	144
5.2.1	The Argumenthood of the Result XP	145
5.2.2	The Argumenthood of the Postverbal NP	152
5.3	The Linking of Resultative Verbs and a Better Linking Theory	157
5.3.1	The Linking of the Inherited Arguments and a Relativized Isomorphic Linking Hypothesis	157
5.3.2	A New Kind of AS–CS Mismatch: Nonlinking Themes	164
5.4	Clausal Fusion: Interpreting the Unlinked Theme	166
6	The Prohibition Against Double Fusion	173
6.1	Deriving Resultative Mismatches from the Prohibition Against Double Fusion	173
6.2	Independent Evidence for the Prohibition Against Double Fusion	176
6.2.1	Passive <i>by</i> -phrases and Agent Subjects	177
6.2.2	<i>With</i> -Themes and Theme Direct Objects	178
6.2.3	PP Locations and Locative Direct Objects	180
6.2.4	The Prohibition Against Double Fusion Versus Jackendoff's (1990) Constraints on Adjunct Rules	180
6.3	The Prohibition Against Double Fusion and the Theta Criterion	181
6.4	Against an Alternative CS for Resultatives: The Means Analysis (Jackendoff, 1990)	186
6.4.1	Jackendoff's First Argument for the Means Analysis and a Refutation: The Actor Test	188
6.4.2	Jackendoff's Second Argument for the Means Analysis and a Refutation: "X's Way"	193
6.4.3	One Argument in Favor of the Agent Analysis: Unaccusative Verbs	193
6.4.4	A Second Argument in Favor of the Agent Analysis: Weather Verbs	195
6.5	An Overview of Linking	196

Part II More Linking Results Across the Lexicon

7	Causative Verbs with PLACE Arguments	207
7.1	Obligatory PLACE Arguments: <i>render</i> , <i>put</i> , and <i>get</i> are not Three-Argument Verbs	207
7.1.1	Abstract PLACE Verbs: <i>render</i> and <i>make</i>	208
7.1.2	Concrete PLACE Verbs: <i>put</i> and <i>position</i> , <i>lean</i> and <i>stand</i>	211
7.1.3	Unspecified PLACE Verbs: <i>get</i> and <i>keep</i>	216
7.2	Optional Implicit PLACES	218
7.2.1	Concrete PLACE Verbs: <i>deliver</i> , <i>transmit</i> and <i>convey</i>	219
7.2.2	Abstract PLACE Verbs: <i>convert</i> , <i>change</i> , <i>alter</i> and <i>transform</i>	222

7.2.3	A Different Type of Abstract PLACE Verb, or “Pseudoresultatives”: transitive <i>break</i>	224
8	Unaccusatives: A Cluster of Verb Classes	229
8.1	Unaccusative Verbs with Obligatory PLACE Arguments: <i>go, turn, get, and be</i>	229
8.2	Unaccusative Verbs with Optional PLACE Arguments: <i>fall and change</i>	235
8.3	Unaccusative Pseudoresultatives: <i>break (into pieces)</i>	237
8.4	Unaccusative Resultatives	239
8.5	Unaccusative / Unergative Alternating Verbs: <i>roll and march</i>	243
8.6	Defining “Unaccusative Verb”	250
8.7	Unaccusative/Causative Alternating Verbs: <i>pierce and climb</i>	252
9	Complex Causative Verbs	259
9.1	Causative Manner-of-Motion Verbs: <i>march, dance, run, skip, and swim</i>	260
9.2	Causative “Material Means” Verbs: <i>paste and staple</i>	267
9.3	Causative Instrument Verbs: <i>hammer and spoon</i>	269
9.4	Causative Alternating Verbs: A Reanalysis of the <i>load</i> and <i>spray</i> Classes	272
9.4.1	The <i>with</i> Variants	273
9.4.2	The Locative Variants	275
10	Other Verb Classes, Other Issues, and Conclusions	281
10.1	Adjunct Fusion Versus Argument Linking: <i>bag and butter</i>	281
10.2	Non-Causative Transitive Verbs: <i>enter and inhabit</i>	285
10.3	More on Replacing GO with BECOME	289
10.4	Conclusions and Further Thoughts	294
	Summary of Definitions, Principles and Rules	297
	References	303
	Index of English Words Discussed	311
	Index	315