Subject index

A

a, frame determiner, 17–18, 56–57
Abidity, 43, 44–72, 98, 126, 189–191
abilities, 72
examples of, 52–55, 73
hiding disambiguation in, 96–97
implementation, 56
inabilities, 59–72, 73
Absolute adjectives, 69
ACCOMPANIER case, 7
actually, 71
Adjectival, 145
Adjectival/present-participle ambiguity, 145
Adjective phrase, 63, 139
Adjective-phrase/prepositional-phrase ambiguity, 139, 141
Adjective/present-participle ambiguity, 139, 142
Adjectives, 48, 49, 69, 139, 213
as nouns, 144
absolute, 69
intensional, 69
measure, 69
role, 69
ADJ-to-V ambiguity, 148
Adverb attachment, 133–136, 184–185
Adverbs, 7, 31, 48, 50, 71, 184–185
again, 71
AGENT case, 7, 9, 61, 109, 111, 115, 169, 217
All-readings hypothesis, 85, 91–94, 152
Ambiguity
and heart rate, 84
case, 7–9
categorial, 5–6, 86, 92–94, 143, 149, 157
definition of, 5
in Amhara culture, 205–206
in Somali culture, 205
in non-Western cultures, 205–206
lexical, 4–6, 69, 112, 157, 212–213
definition of, 4–6
local, 11
morphological, 212
structural, 9–12, 38, 131–152, 215
analytic, 137–149
as closure problem, 150–152
attachment, 131–136
non-example, 134–136
definition of, 9–12
Amhara culture, ambiguity in, 205–206
Anaphors, 4, 38, 81, 209
focus for referents, 17
psychological reality, 18
surface count, 4
and, 49
Anti-promiscuity rule, 102
Applications of this research, 192
Arguments, abstract representation of, 192
Artificial counterexamples, 20, 173, 176, 191, 194
Artificial intelligence, 32–34, 39
in military systems, 194
assert function, 16, 17
ATN parser, 19, 81, 82, 198
structural disambiguation in, 152–153
attr, 68
Auxiliary, 48, 50

B

Backward chaining, 16
Base rules
correspondence to semantic rules, 45
for be, 65–66
for pseudo-words, 51
of grammar, 45, 55
Base-structure rules, 19
be, 30, 62–66
frame semantics for, 64
BE, syntactic category, 65
BE2, syntactic category, 66
because, 49
Biuniqueness condition, 8
Blocks world, 15
Boltzmann machine, 214
Boots-And-All Theory of Language Comprehension, 212
BORIS, 196
Bottom-up priority, 42, 196
## Subject index

Brown University, 15, 44

Bruin, 15–16, 59, 68

buy, 106

Polaroid Word for, 107

### C

Canned phrase, 70, 110, 195, 209–210

Cascaded ATN, 198

Case, 40, 81, 82

preferred, 155–157

Case theory, 7

Case-slot identity theory, 48

Categorial grammar, 31

Cement Semantics, 59

Clause end, 48, 50

Cleft, 146, 147

Cleft/non-cleft ambiguity, 146, 147

CLEND, 51

Closure, 150–152, 155–157

counterexample, 151

definition of, 150

Cognitive modeling, 12, 20, 191

Combinatorial explosion, preventing, 175–176

Common-sense knowledge, 15

Compositionality, 14, 26, 27, 28, 32, 35–38, 39, 43, 50, 58, 61, 62, 65, 183

definition of, 27

words that violate, 71–72, 212

Compound nominal, 69–70, 144, 154–155

Conceptual dependency, 29, 193, 194, 199

Conceptual graphs, 191, 199

Conjunction, 48

coordinate, 49

not in Abity, 69

subordinate, 49

Connectionist systems, 214

Constructed path, 100

Construction rule, in grammar, 45

Context, 17–18, 78, 83, 85, 87, 158, 183

marker passing in, 114

recognition of, 77

representation of, 114

Contingent obligation, no representation in Frail, 68

Conversational implicature, 71

Counterfactual, representation of, 209

crook, Polaroid Word for, 111

CSAW, 82–83, 98, 118, 125

Cumulating evidence approach, 123

D

Dative movement, 162

De dicto reading, definition of, 26, 59

De re reading, definition of, 26, 59

Deadlock, in Polaroid Words, 112

Decision point problem, 85

Declarative sentence, 35–38

Declarative/interrogative ambiguity, 147–148

Decompositional semantics, 28–29, 207

Definite reference, 4, 17, 38, 40, 170, 209

Definitional be, 62–64, 66

Deixis, 4

Demands of design, 191

despite, 166, 217

DESTINATION case, 109, 179–180

Determiner, 31, 48, 49, 50

complex, 67

Determinism

not in idiom interpretation, 210

strict, 19, 167

Deverbal noun, 140

DIALOGIC, 198

Dictionary

on-line, 200

structure of, 200

Disambiguation

by lexical preference, 155–157

categorial, 160

effect of constituent length, 218

effect of intonation, 136, 147

effect of punctuation, 136, 146, 147

effect of reading skill on method, 78


impaired in schizophrenia, 90

in MOPTRANS, 195

local cues in, 78

psychological research, 84–95

statistical approaches, 77

time course of, 121–123


decision point of, 219

in MOPTRANS, 195

time course of, 123

with spreading activation, 199

unnecessary, 194

Discourse comment, 185, 211

Discrimination net, 83, 213

Distributed representations, 200

Dominant sense, 90–92, 94, 110, 123

Dynamic verb, 61–62
Subject index

E

eat, 206-207
Epithet insertion, 212
Epithets, 72
erase function, 16
even, 71
Exemplar Principle, 169, 178, 182
EXPERIENCER case, 217
Expert systems, 192
Extension, 59-60
definition of, 26
Eye movements, in disambiguation studies, 161

F
False positive, 102, 203
feed, 206-207
Feedback to parser, 26, 38, 39, 43, 45, 58
Final Expected Argument Principle, 156, 167, 171
Flag, case, 7, 40, 50, 70, 79, 106, 112, 167
Focus, 17-18, 57, 170
marker passing in, 98-100
meta-notation for, 56-57, 69
no representation of sets, 66
representation of counterfactual, 209
representation of negation, 68
Frame descriptor, 46-50
Frame determiner, 17-18, 46-50, 56, 169, 191, 209
adding negation to, 69
Frame equivalence statement, 66
Frame equivalencer, 66
Frame semantics, 207
Frame statement, 46-50
Frame-statement/frame-name, 55
Frames, 12-18, 33, 34, 41, 43, 46, 48-50, 77, 82-83, 105, 194, 201
as intension, 60
as script, 68
as semantic object, 14-15
definition of, 12
generic, 13
matching, 169
transfer, 203
Frequency of word senses, 89, 90-92, 94, 110, 155
Fuzzy logic, 207

G
Gap
filling, 136-137, 152
finding, 136-137, 152, 154, 156, 177-182
problem for Marcus parser, 221
Garden path
semantic, 20, 88, 119, 124
syntactic, 11, 20, 143, 150, 159-161, 181
Generalized phrase structure grammar, 197-198
Generic expression, 26-27, 43
give, 179
Government and binding theory, 217
Grammar, categorial, 31
Guugu Yimidhirr, 216

H
Habitual action, 61, 62, 110
Hapax legomenon, 7
have, 67
Heart rate and ambiguity, 84
Heteronym, 5, 89
Homograph, definition of, 5
Homonymy, 5-6, 83, 86, 212, 213
definition of, 5
Homophone, definition of, 5

I
Identity be, 62-64, 66
Idiolectic variation, 10, 162, 179
Idioms, 209-210
Ill-formed input, parsing of, 20
Immediate path, 100
Incremental description refinement, 198
Incremental interpretation, 198
Indefinite reference, 170-171
Index, definition of, 30
Indexical expressions, 4
Indirect object, 50
Individual, 30
Individual concept, 30
INDOBJ, 51, 179
Inference, 16, 26, 29, 70, 185
disambiguation with, 79, 111
Instance, 46-50
as extension, 60
frame, 13, 16, 17
INSTRUMENT case, 7, 8, 104, 105, 109, 111, 115, 132, 168
Intension, 26, 30, 31, 43, 59-61
in Absity, 60-61
Intensional adjectives, 69
Intensional logic, 30-33, 59, 60, 193, 197
Subject index

into, 166
Intonation, disambiguating effect, 136, 147
Irony, 4, 72
ISA hierarchy, 12, 64, 102, 104, 117, 207, 213
verbs in, 106
ISA relation, 12, 82–83, 195, 200, 207

J
JARGON, 198
Jokes, 84

K
KL-ONE, 13, 198
KNOBS, 193
know, 166
Knowledge base, 33–34, 39–41
Knowledge representation, 33
Knowledge semantics, 34, 39–41
Knowledge-base semantics, 32–34
KRL, 13–14

L
Lambda binding, 57
Lambda conversion, 57
Language generation system, ambiguity in output, 221
Language generator, relation to Frail and Absity, 53
Late Closure, definition of, 11
Legal information systems, 192
let alone, 71
Lexical access question, 85, 87–95
Lexical bias, 153
for gap-filling, 220
in prepositional phrase attachment, 172
versus conceptual preference, 218–219
Lexicalization of noun group, 70
Lexicon, 96
Linguistics, 25, 28
Literary criticism
made difficult, 205–206
made simple, 203–205
Local Association, definition of, 11
Localist representations, definition of, 200
LOCATION
case, 8, 71, 115
verb modifier, 71
Logic, as representation, 32–34, 39, 41, 197–198
Logogen model, 88
look, 183

Low Right Attachment, 11, 172
LUNAR, 38, 152

M
Machine translation, 72, 192, 195, 198, 212
Magic numbers, 99, 111, 123, 125
MANNER
case, 7, 8, 166, 168
verb modifier, 8
Marcus parser, 11, 15, 18–20, 167, 177–178, 183, 221
gap finding in, 221
operation of, 18–19
structural disambiguation in, 153–155
Marker passing, 70, 97–102, 106, 111, 118–121, 123–125
anti-promiscuity rule, 102
as model of spreading activation, 98
constraints on, 101–102
constructed path, 100
definition of, 98
false positive path, 102, 203
for lexical disambiguation, 100–101
immediate path, 100
in Frail, 98–100
in representation of context, 114
need for parallel hardware, 98
path, 99
path checker, 102, 203
Meaning acquisition, 26
Meaning extension, 26
Measure adjectives, 69
Mental image, 169
Mere symbols, 190
Merriam-Webster pocket dictionary, 5, 201
Message passing, as basis for NLU, 193
Metaphor, 4, 7, 80, 115–117, 210
Metonym, 115, 117
Military applications of artificial intelligence, 194
Minimal Attachment, 11, 162, 172
deinition of, 11, 162
Model-theoretic semantics, 30, 34
Modifier placement, 131
Montague semantics, 1, 29–33, 45, 64, 197, 208
case in, 96
lexical ambiguity in, 30, 96–97
lexical disambiguation in, 214
semantic rules, 31–32
syntactic rules, 31
MOPTRANS, 194–195, 221
lexical and structural disambiguation in, 195
Moral obligation, no representation in Frail, 68
Subject index

N
NASL, 16, 68

Negation
not in Absity, 69
representation in Frail, 68

NETL, 98

Nominalization, 166, 217

Non-descriptive noun modifier, 144

Non-discrete semantics, 6

Non-restrictive noun modifiers, 70

Notation, xii-xiii

Noun group, 69-70, 144, 154-155
Absity and, 70

Noun modifiers, 69-70
non-restrictive, 70

Noun phrase, 19, 31, 48-50, 143, 170
binding, 57-58
detection, 143-144
in Absity, 52
split, 151, 216

Noun/present-participle ambiguity, 140, 142

Null context, 157, 159, 160

NULLDET, 51
frame determiner, 208

Null determiner, 49, 51

O

OBJ, 70, 109-110, 179
definition of, 51
Polaroid Word for, 109-110

Object, 50

Object-oriented semantics, 34, 41, 43
of, 166

onto, 166

Opaque context, 26, 30, 43, 60
definition of, 26

operate, 106
Polaroid Word for, 105, 109-110

or, 49

Ordered search hypothesis, 85, 90, 118, 152, 213
out, 183

P
Paragram parser, 16, 18-20, 44, 45, 51, 55, 64,
67, 71, 113, 114, 126, 164, 167, 177-178, 198

Paraphrase, 36

Parse tree, need for retention of, 4

Parsers, 55

Parcial parser, 18-20, 51, 113, 145, 153-155,
164, 177-178

Particle
attachment, 134, 146

pass, 147

present, 139, 140, 145-146

Particle, 137, 139, 182-184
detection, 182-184

Particle/Preposition ambiguity, 137, 139

PART-OF relation, 82-83, 200

Passive voice, 114-115

Path checker, 102, 203

PATIENT case, 7, 61, 70, 79, 109-110, 115, 155

Percept, as semantic object, 190

Philips network, 193

Philosophy, 25

Phoneme monitoring, 87-90

PLACE
verb modifier, 8
verb qualifier, 8

Plausibility, 160-162, 168-169, 178, 180, 181,
183
in disambiguation, 160-162
in prepositional phrase attachment, 168-169,
172-173
testing for, in Frail, 168-169, 180, 181

Plural, 67

Poetry, computational analysis, 203-206

Polaroid Word
for bound constituent, 112-113
for determiner, 103, 114
for buy, 107
for by, 114
for crook, 111
for noun, 103, 107-108, 116
for noun modifier, 103, 108
for OBJ, 109-110
for operate, 105, 109-110
for particle, 183
for preposition, 103-105, 107-108, 114, 167,
178-179
for sell, 107
for slug, 103, 109
for SUBJ, 109, 110, 111, 114
for the, 114
for unambiguous word, 106
for vending machine, 109
for verbs, 103, 105-108, 114, 116, 183
for wh-, 112-113, 184
for with, 104, 110

Polaroid Words, 96-127, 166-167, 169, 176, 181,
189-191, 193, 199
announcement by, 108
compared to rules in MOPTRANS, 195
constraints on communication, 107
deadlock between, 112
definition of, 97
deprecated meaning, 110
Subject index

<table>
<thead>
<tr>
<th>Term</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>disambiguation cues ignored</td>
<td>113–115</td>
</tr>
<tr>
<td>example of</td>
<td>103, 104, 105, 107, 108–110, 126</td>
</tr>
<tr>
<td>friendships among</td>
<td>107, 108, 113</td>
</tr>
<tr>
<td>guessing</td>
<td>176, 214</td>
</tr>
<tr>
<td>hypothetical</td>
<td>179</td>
</tr>
<tr>
<td>ignore case combination constraints</td>
<td>114</td>
</tr>
<tr>
<td>ignore discourse context</td>
<td>114</td>
</tr>
<tr>
<td>ignore syntax</td>
<td>113–114</td>
</tr>
<tr>
<td>inabilities</td>
<td>115–117, 126</td>
</tr>
<tr>
<td>not replacement for inference</td>
<td>111</td>
</tr>
<tr>
<td>operation of</td>
<td>106–108</td>
</tr>
<tr>
<td>packet of knowledge for</td>
<td>103–106</td>
</tr>
<tr>
<td>preferred meaning</td>
<td>110, 123</td>
</tr>
<tr>
<td>psychological reality</td>
<td>118–125</td>
</tr>
<tr>
<td>psychological unreality</td>
<td>119, 121–124</td>
</tr>
<tr>
<td>structure of</td>
<td>102–106</td>
</tr>
<tr>
<td>Polysemy</td>
<td>5–6, 7, 78, 83, 106, 212, 213</td>
</tr>
<tr>
<td>definition of</td>
<td>5</td>
</tr>
<tr>
<td>Possible world</td>
<td>30</td>
</tr>
<tr>
<td>Pragmatics</td>
<td>16, 209–212</td>
</tr>
<tr>
<td>as rug for non-compositional words</td>
<td>71</td>
</tr>
<tr>
<td>relation to semantics</td>
<td>4</td>
</tr>
<tr>
<td>resolving lexical ambiguity</td>
<td>111</td>
</tr>
<tr>
<td>Predicate calculus</td>
<td>15</td>
</tr>
<tr>
<td>Predicate logic</td>
<td>33</td>
</tr>
<tr>
<td>Predication</td>
<td>65–66</td>
</tr>
<tr>
<td>Predicative be</td>
<td>62–66</td>
</tr>
<tr>
<td>Predicator</td>
<td>65</td>
</tr>
<tr>
<td>Preference semantics</td>
<td>29, 80–81</td>
</tr>
<tr>
<td>Preferred parse</td>
<td>9–12, 161</td>
</tr>
<tr>
<td>Prepositions</td>
<td>31, 48, 50, 103–104, 137, 139, 166</td>
</tr>
<tr>
<td>Prepositional phrase</td>
<td>31, 48, 51, 63, 139</td>
</tr>
<tr>
<td>attachment</td>
<td>11, 131–133, 153, 158, 165–176, 178, 181, 209, 217</td>
</tr>
<tr>
<td>non-restrictive</td>
<td>165, 209</td>
</tr>
<tr>
<td>restrictive</td>
<td>165</td>
</tr>
<tr>
<td>algorithm for</td>
<td>172–175</td>
</tr>
<tr>
<td>determinants of</td>
<td>166–167</td>
</tr>
<tr>
<td>two competing verbs</td>
<td>174</td>
</tr>
<tr>
<td>where prohibited to VP</td>
<td>165–166</td>
</tr>
<tr>
<td>Presupposition</td>
<td>158–161, 170–172, 178</td>
</tr>
<tr>
<td>definition of</td>
<td>158</td>
</tr>
<tr>
<td>in disambiguation</td>
<td>158–161</td>
</tr>
<tr>
<td>in prepositional phrase attachment</td>
<td>170–172</td>
</tr>
<tr>
<td>testing for</td>
<td>170–172</td>
</tr>
<tr>
<td>Principle of A Priori Plausibility</td>
<td>160, 167</td>
</tr>
<tr>
<td>Principle of Parsimony</td>
<td>159, 160, 167</td>
</tr>
<tr>
<td>Prior choice hypothesis</td>
<td>85, 87, 91, 118, 152</td>
</tr>
<tr>
<td>Problem solving</td>
<td>15–16, 26</td>
</tr>
<tr>
<td>Procedural semantics</td>
<td>34–39</td>
</tr>
<tr>
<td>Projection rules</td>
<td>198</td>
</tr>
<tr>
<td>Prolog</td>
<td>38</td>
</tr>
<tr>
<td>Pronouns</td>
<td>48, 209</td>
</tr>
<tr>
<td>focus for referents</td>
<td>17</td>
</tr>
<tr>
<td>Proper nouns</td>
<td>31, 48, 49</td>
</tr>
<tr>
<td>Pseudo-determiners</td>
<td>51</td>
</tr>
<tr>
<td>Pseudo-prepositions</td>
<td>50–51, 70, 79, 109, 166, 191, 217</td>
</tr>
<tr>
<td>psychological non-reality of</td>
<td>123</td>
</tr>
<tr>
<td>Pseudo-word</td>
<td>50–51, 58, 60</td>
</tr>
<tr>
<td>PSI-KLONE</td>
<td>198</td>
</tr>
<tr>
<td>Psycholinguistics</td>
<td>20</td>
</tr>
<tr>
<td>Psychological reality</td>
<td>12, 20, 90, 118–125, 152, 161, 169, 181, 191, 212</td>
</tr>
<tr>
<td>in semantic interpretation</td>
<td>42, 200</td>
</tr>
<tr>
<td>Punctuation</td>
<td>134, 136, 146, 147, 185, 216</td>
</tr>
<tr>
<td>Puns</td>
<td>84</td>
</tr>
<tr>
<td>put</td>
<td>115</td>
</tr>
<tr>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Quantification</td>
<td>43</td>
</tr>
<tr>
<td>complex</td>
<td>198</td>
</tr>
<tr>
<td>Quantifier</td>
<td>67</td>
</tr>
<tr>
<td>storage</td>
<td>67</td>
</tr>
<tr>
<td>Question</td>
<td>35, 37, 39</td>
</tr>
<tr>
<td>adverbial wh-</td>
<td>70</td>
</tr>
<tr>
<td>in Absity</td>
<td>53–55</td>
</tr>
<tr>
<td>question, frame determiner</td>
<td>18</td>
</tr>
<tr>
<td>R</td>
<td></td>
</tr>
<tr>
<td>Raising</td>
<td>139</td>
</tr>
<tr>
<td>Reading skill</td>
<td></td>
</tr>
<tr>
<td>effect on disambiguation error recovery</td>
<td>120</td>
</tr>
<tr>
<td>effect on disambiguation method</td>
<td>78</td>
</tr>
<tr>
<td>individual differences</td>
<td>42</td>
</tr>
<tr>
<td>Reading span test</td>
<td>120</td>
</tr>
<tr>
<td>REASON case</td>
<td>8</td>
</tr>
<tr>
<td>Reduced relative clause</td>
<td>146, 162</td>
</tr>
<tr>
<td>Reduced-relative-clause/verb-complement ambiguity</td>
<td>146</td>
</tr>
<tr>
<td>Reduced-relative-clause/verb-phrase ambiguity</td>
<td>143</td>
</tr>
<tr>
<td>Referential identity</td>
<td>57</td>
</tr>
<tr>
<td>Referential success</td>
<td>180</td>
</tr>
<tr>
<td>Relative clause</td>
<td>49, 137, 184</td>
</tr>
<tr>
<td>attachment</td>
<td>113, 133, 177, 184</td>
</tr>
<tr>
<td>non-restrictive</td>
<td>182</td>
</tr>
<tr>
<td>reduced</td>
<td>143</td>
</tr>
<tr>
<td>Relative-clause/verb-complement ambiguity</td>
<td>137, 147, 160</td>
</tr>
<tr>
<td>Relative pronoun</td>
<td>49</td>
</tr>
<tr>
<td>Reopening of constituent</td>
<td>151, 216</td>
</tr>
<tr>
<td>Representation of knowledge</td>
<td>202–207</td>
</tr>
<tr>
<td>non-discrete</td>
<td>202</td>
</tr>
<tr>
<td>retrieve function</td>
<td>16–17</td>
</tr>
<tr>
<td>Right Association</td>
<td>definition of, 11</td>
</tr>
<tr>
<td>Role adjectives</td>
<td>69</td>
</tr>
</tbody>
</table>

POLYSEMY. • ROLE 261
Subject index

Sarcasm, 4
Schizophrenia, lexical disambiguation impaired in, 90
Scholastic Aptitude Test, 120
Script, 33, 68, 87, 89, 118, 194
disambiguation with, 77–78
Secondary sense, 90–92, 94
Selectional restrictions, 79, 80–81, 82, 117–118, 152, 153, 206–207, 220
sell, 106, 179
Polaroid Word for, 107
Semantic association, 78, 82–83, 97–98, 118, 124
Semantic bias, 9
Semantic distance, 124–125
definition of, 2–4
incremental, 198
with spreading activation, 199
Semantic interpreter, desiderata for, 43, 58
Semantic network, 33, 41, 82–83
Semantic object, 14–15, 25, 26, 30–31, 32, 43–45, 52, 58
identified with percept, 190
interpretation of, 29, 34, 39, 41
type, 45
versus "mere symbol", 190
Semantic priming, 86–87, 92–94, 98, 118, 119
negative, 88
of idioms, 210
Semantic primitive, 28–29
Semantic rule, 45, 52
Semantic theory, desiderata for, 26
Semantics
consumers’ attitudes to, 1
definition of, confusion over, 25
linguists’ attitudes to, 1
non-discrete, 6, 202
relation to pragmatics, 4
relation to syntax, 2, 26, 29, 31–32, 42, 43, 45
Sentence, 48, 49
Sentence body, 48
Sentence wrap-up process, 122
Sets, no representation in Frail, 66
Similarity matching, 169, 180, 181, 203
Simulated annealing, 203, 214
Situation semantics, 195, 207
Slash type, 55
Slot
frame, 12, 13, 16, 46, 48–50, 104–106, 167
default value, 12
Slack
U

Slot restriction predicate, 104–105, 117–119, 120, 168–169, 176, 179, 206–207
Slot-filler pair, 46–50, 69, 108
definition of, 47
slug, Polaroid Word for, 103, 109
Somali culture, ambiguity in, 205
some, frame determiner, 18, 57
SOURCE case, 109
Space, limited representation in Frail, 68
Speech acts, 4
Spreading activation, 86–89, 119, 123–125, 199–200, 213
and word association, 214
decay of, 121
modeled by marker passing, 98
semantic interpretation with, 199
structural disambiguation with, 199
STATE case, 155
Stative verb, 61–62
Stylistic subtleties, 211
SUBJ, 109, 111, 115
definition of, 51
Polaroid Word for, 109–111
Subject, 50
Subordinate clause, 8, 48–49
Subtleties of discourse, 72
Supplementary clause, 145–146
Synecdoche, 115, 117
Synonymy, 36
Syntactic bias, 9–11, 152, 156, 160
Syntactic rule, 45
Syntax
disambiguation with, 79
relation to semantics, 2, 26, 29, 31–32, 42, 43, 45
T
Tandem processing, 31–32, 42, 44, 45, 50, 52, 58, 208
Teachable Language Comprehender, 82
TEAM, 38
"Temperature is ninety" problem, 30
Text corpora, 192
Text digestion, 192
the, frame determiner, 17–18, 56
the-pl, frame determiner, 18, 57
Theta-role, 217
Time, limited representation in Frail, 68
TIME verb modifier, 8
to-be-deletion, 139
Topicalization, 72
Transfer frame, 203
**Subject index**

**TRANSFEREE** case, 110  
Transformational grammar, 1, 19, 45  
Transformational rules, 19  
Truth-conditional semantics, 32, 38  
Truth-conditional theory, definition of, 30  

**Type**  
  - basic, 46-47  
  - constructed, 46-47  
  - internal, in Absity, 55  
  - semantic, 52  
  - slash, 55  

**Types, theory of**, 30-31  
**Typing, strong**, 14, 32, 44-50, 183, 208  
  - problems with, 208  

**U**  
  - up, 183-184  

**V**  
  - Vagueness, 67  
  - Variable, frame, 46, 47  
  - vending machine, Polaroid Word for, 109  
  - Verb complement, 137, 139, 146  
  - Verb modifiers, 7, 8  

**Verb phrase**, 31, 32, 48, 50  
**Verb phrase determiner**, 51  
**Verbal noun**, 143  
**Verbs**, 29, 48, 49, 82-83, 105-106, 107, 155, 213  
  - phrasal, 182  
  - phrasal-prepositional, 182  
  - prepositional, 182  
  - stative, 61-62  

**W**  
  - Warlpiri, 216  
  - Wax and gold, 205-206  
  - Well-formedness of partial results, 14, 45, 190  
  - wh-., 55, 70, 136-137, 162, 177, 178, 184  
    - binding, 113  
  - when, 49  
  - with, 67, 132, 166  
    - Polaroid Word for, 104, 110  
  - Word Expert Parser, 83, 103, 126, 213  
  - Word association, 214  

**Y**  
  - yet, 71