

Index

- 80/20 Rule, 136
- A Connecticut Yankee in King Arthur's Court*, 185
- A Farewell to Arms*, 181–2
- acoustic phonetics, 47, 52
- A-curve, 26–33, 35, 45–7, 52f.5.2, 57–9, 66, 70, 74, 89, 103, 105, 107, 118, 128, 136, 142, 159, 162, 170, 175, 181–4, 186, 191, 193–5, 198, 201, 203, 218, 226–7
- definition of, 26
- adaptation, 146–7
- adjective, 78, 100–5, 107
- adverb, 78, 100–1
- aesthetics, 167, 177
- affix, 80–2
- circumfix, 80
- infix, 80
- prefix, 80
- suffix, 80, 82
- zero, 81
- affricates, 40
- Aleut, 133
- allomorphy, 82, 87–8, 96
- allophone, 45
- Alsatian, 215, 215t.19.2
- alveolar, 40
- American English, 11, 25, 29, 32, 35, 43, 45–6, 49, 55, 55t.5.3, 65, 72, 91, 94, 97, 171, 175, 177, 181, 184, 189, 202–3
- Ampeeli, 51, 52f.5.2, 52t.5.2
- analogy, 150
- AntConc, 207
- Anthony, Laurence, 207
- Appalachian English, 32
- a-prefix, 97
- Arabic, 83–4, 197
- Aristotle, 101, 113
- aspiration, 44, 49
- assimilation, 46–7, 82, 88, 90–1
- anticipatory, 46
- perseverative, 47
- attributive noun, 105
- Ausnahmslosigkeit der Lautgesetze*, 222
- Austen, Jane, 131
- babbling, 154
- back vowel, 41, 54
- be like, 191–5
- Berlin, Brent, 50–1
- Biber, Douglas, 131, 182, 185
- Bickerton, Derek, 145
- bidialectalism, 196
- bilabial, 40
- birds
- characteristics of, 136
- types of, 136
- blockage, 39, 53
- brightly
- colligates of, 176–7
- collocates of, 29–32, 174–5
- lexical profile, 175–6
- brightly, collocates of, 30–1, 31f.3.2, 31f.3.3, 175, 201
- British English, 29, 32, 43, 45–6, 55, 57, 94, 184
- British National Corpus (BNC), 29–31, 31f.3.2, 102, 107, 171, 173–4, 184, 202
- Brown Corpus, 171, 173, 181–5, 203, 207
- Buck, Carl Darling, 213, 214t.19.1, 217
- Bulgarian, 134
- butterfly effect, 213
- Bybee, Joan, 151, 164
- calves, variation in plural forms, 91
- Celtic, 214, 217
- central vowel, 41
- chaotic systems, 212
- Chaucer, 212
- children, variation in plural forms, 91, 161t.14.1
- Chomsky, Noam, 114, 146–7, 153, 156–8
- Christian, Donna, 32, 33t.3.3
- classical mechanics, 3
- classification, 77, 135, 140, 142
- clauses, 126–8
- intransitive, 126–7
- linking, 126
- object complement, 126
- transitive, 126–7
- code-switching, 196–7
- co-existent systems, 196

- colligation, 167, 176–7
 collocation, 167, 177, 180
 color spectrum, 50, 51t.5.1, 55, 63
 color terms, 50, 64
 comparative and superlative forms, variation in, 94–5
 comparative method, 211, 213–14, 217
 competence, linguistic, 114
 complex system, 3, 5–7, 10, 14–17, 19–20, 22, 24, 29, 46–7, 57, 59, 118, 150–1, 159–61, 167, 169–70, 174, 181, 184, 186, 195, 197, 201, 204, 212, 214–19, 221, 223–7
 definition of, 13
 economics, 22
 in human behavior, 21–3
 in the human body, 19–20
 in language, 25
 in nature, 14–18
 componentiality, 109
 conceptual blending, 141
 conceptualization, 141–2
 conjunction, 101, 127
 consonants, 39–40, 42, 46, 49, 53, 191, 213
 constriction, 39–41
 construals, 141–2
 construction, 106t.9.1, 109, 117–19, 124–5, 128, 141–2, 163, 180, 186
 locative, 84
 content word, 78, 100
 contingency, 218–19
 contrast, 65, 74
 conversion, 104–5, 107
 copula, 97, 103, 165, 191
 Cornsweet Illusion, 60, 62f.5.13
 corpora, 9–10, 171, 173, 175, 177, 201, 203, 206–8, 225
 corpus
 definition of, 29
 Corpus of Contemporary American English (COCA), 11, 29–31, 31f.3.3, 35, 105, 107, 171, 173, 175, 177, 184, 201–3, 209–10
 Corpus of Historical American English (COHA), 78, 202–3, 210
 cows, variation in plural forms, 91
 creole, 149–50
 critical period, 157, 162

 Denison, David, 105, 107
 Derrida, Jacques, 168–70, 177
 descriptive perspective, 8–9, 11–12, 26, 47, 77, 101, 114, 116
 determiner, 78
 Deutcher, Guy, 133
 diacritic, 44, 49
 diacritics, 42
 dialect geography, 25
 dialects, 25, 45, 118, 197
 Dickens, Charles, 174, 185
 Dictionary of American Regional English (DARE), 91
 Dictionary of the Scots Language (DSL), 98
 Digital Rights Management, 204
 directions, 134–5
 cardinal, 134
 egocentric, 134
 discourse, 36, 112, 116–17, 119, 124, 167, 169, 180, 182
 discourse analysis, 119–20, 139
 diversity, 16, 151, 190
 domain, 107, 144, 170
 Donatus, 113
doughnut, lexical item, 26, 29–30
 Dow Jones Industrial Average, 23
 Dutch, 211–12
 dynamic systems, 212
 dynamicity, 13, 19, 103, 121, 141, 151, 160–1, 168, 224

 economics as a complex system, 24
 Einstein, Albert, 50, 52
 El Farol problem, 22, 24
 E-language, 146
 emergence, 5, 7, 13, 17, 20, 25, 117–20, 150, 169, 177, 211, 216, 219, 223–4, 226
 English, 12, 40, 44–5, 47, 49, 55, 76, 80, 94, 101, 104, 113, 131, 133–4, 171, 196–7, 211–12, 217–18, 220–1
 speech sounds, 39
 spelling, 38
 equivalence constraint, 196
 evidentiality, 134–5
 exaptation, 146–7

 Fauconnier, Giles, 141
 Faulkner, William, 180
 feet, variation in plural forms, 89–90
 Feynman, Richard, 12
 FireAnt, 207
 Flemming, Ian, 56f.5.6
 formalism, 168–9
 formants, 53–4
 formants (of vowels), 53–4
 fossilization, 162
 fractals, 14, 23–4
 frame theory, 139–40
 frames, 139
 free-morpheme constraint, 196–7
 French, 83, 125, 133, 215, 218–19
 frequency profile, 5–7, 20, 25, 29–31, 33, 35, 45–7, 52, 57, 59, 89, 118, 136, 161, 177, 181, 184, 186, 193–4, 201, 203, 224, 226
 fricatives, 40

- front vowel, 41
 function word, 78, 100, 102, 154, 162, 201
- geese, variation in plural forms, 91
 generativism, 9, 162, 222
 genre, 36, 119, 167–9
 Georgian, 134
 German, 25, 80, 133, 139, 167, 211–12, 215, 218, 220
 Germanic, 211–15, 217–18, 220
 gestures, 147–9
 Gilliéron, Jules, 25, 217
 glides, 40
 glottal, 40
 GloWbE Corpus (Global Web-based English), 201
 Google Books project, 202
 Gothic, 212, 217
 grammar, 29, 36, 81–2, 112, 116, 118, 120–1, 124, 127–8, 133, 157–9, 162–3, 195, 226
 complexity, 112, 117
 construction, 162
 definition of, 8
 descriptive, 8, 101, 116
 generative, 112, 114–16, 161, 225–6
 prescriptive, 7, 116
 structural, 112, 114–17, 157, 222, 225–6
 traditional, 112–13
 usage-based, 112, 117
 grammar, complexity, 118
 grammar, generative, 116
 grammar, structural, 116
 grammar, usage-based, 116–17
 grammatical category, 77–8, 82, 102–5
 Greek, 8, 87, 101, 140
 Guugu Yimithirr, 134
 Guyanese Creole English (GCE), 96
- Halliday, Michael, 117
 Hawking, Stephen, 5–6, 12
 Helsinki Corpus, 203
 Hemingway, Ernest, 180–4
 hips, variation in plural forms, 91
 historical linguistics, 8, 211
hold up as a phrasal verb, 109
 holophrases, 154
hoofs, 90–1, 91f.8.2
 hoofs, variation in plural forms, 90
 Hopi, 133
 Hopper, Paul, 117, 121
 houses, variation in plural forms, 91
Huck Finn, 183, 185
 human consciousness, 19–20, 142
 Hymes, Dell, 189
- ICAME (International Computer Archive of Modern and Medieval English), 203
 ideal speaker/hearer, 115
 I-language, 146
 immune system as a complex system, 20, 223
 implicational scale, 51
 index, 189
 Indo-European, 8, 115, 211–17, 221
 informational, 182
 informational register, 187
 interaction, 7, 13, 16–17, 20, 117, 119–21, 141–3, 149, 151, 160–1, 180, 198, 223–4, 227
 interdental, 40
 interjection, 101
 interlanguage, 162
 International Phonetic Alphabet (IPA), 26, 38–40, 42–3, 46–9, 63, 66, 70, 75–6
 involved, 164, 182, 185
 involved register, 187
 Ionian Enchantment, 222
 isolate, 154
 Italic (Romance), 213–15, 217
- Jakobson, Roman, 133
 Jamaican Creole English, 150
 James, William, 19
 Japanese, 140
 Jauss, H.R., 168–70, 177
 Johnson, Mark, 24, 37, 64, 140–1, 144
 Johnson, Neil, 25
 joint attention, 141, 148–9, 161–2, 224
 joint intention, 148–9, 224
 Jones, Sir William, 8
- Kant, Immanuel, 167–8
 Kay, Paul, 50–1
 keyword in context (KWIC), 177, 203, 207
knives, variation in plural forms, 90
 Koch snowflake, 23
 Korean, 44, 49, 134
 Kramsch, Claire, 163
 Kroskrity, Victor, 164
 Kurath, Hans, 25–6
- labiodentals, 40
 Labov, William, 114, 189–90, 195
 Lakoff, George, 140–1, 144
 Lancaster-Oslo/Bergen (LOB) Corpus, 171, 203
 Langacker, Ronald, 109, 141–2
 Language Acquisition Device (LAD), 157, 160
 language contact, 149–51
 language ecology, 163
 language family, 211–12, 216, 218
langue and *parole*, 8

- Larsen-Freeman, Diane, 163, 165
 Latin, 11, 29, 82, 87, 101, 113, 219
 lax vowel, 41
 lexeme, 78
 lexical profile, 175–7
 lexicon, 29, 78, 102, 195
 LexisNexis, 206
 light waves (longitudinal waves), 50
 linguistic atlas, 10, 26
 Linguistic Atlas of the Middle and South
 Atlantic States (LAMSAS), 26, 27t.3.1, 36,
 65, 70, 72–3, 88–90, 92–3
 Linguistic Atlas Project (LAP), 10, 25–6, 29,
 36, 45, 63, 87–8, 199
 linguistic continuum, 215
 Linguistic Data Consortium, 204
 linguistic features, 32, 189, 198, 224
 linguistic relativity, 133
 linguistic universals, 9, 115
 liquids, 40
 locative construction, 128
Longman Grammar, 12, 101, 103
- Mandelbrot set, 14
 Mandelbrot, Benoit, 14, 24
 manner of articulation, 39–40, 47
 Marxism, 168–9
 McGurk Effect, 60, 64
 metaphor, 140–2, 144
Metaphors We Live By, 140
 mice, variation in plural forms, 91
 Middle English, 97, 212
 minimal pair, 45, 65
 Mlodinow, Leonard, 5–6, 12
 Modern English, 212, 220
 modification, morphological, 125, 127
 morpheme, 79, 81–2, 97, 165
 acquisition order, 154, 165
 bound, 79
 derivational, 81–4, 103–4
 free, 79
 inflectional, 81–4, 87, 94–5, 102, 107, 195,
 197, 218
 modification, 80
 root, 79
 morpheme boundary, 80, 97
 morphology, 36, 79, 96, 104, 107, 196, 218
 Mufwene, Salikoko, 149–50, 163
 MultiMo database, 198
- narrative, 182–3, 185, 187, 192–3
 narrow transcription, 66
 nasals, 191
 NeoFirthian tradition, 9
 neurons, 19, 160
 Newton, Isaac, 3, 5, 10, 50, 51t.5.1
- niche*, part of speech, 105
 node, 14, 175, 177
 nominalization, 103–4
 non-human primates, 147
 non-narrative, 182, 187
 Northern Cities Shift (NCS), 191
 noun, 78, 84, 100–4, 107, 197
 noun phrase, 124–5
 NOW Corpus (News on the Web), 201
- observational artifact, 118, 224
 Old English, 83, 87, 212, 220
 open system, 13, 19, 100
 Optical Character Recognition, 204
 orderly heterogeneity, 189–90
 orthographic word, 77
 overgeneralization, 155
 Oxford English Dictionary (OED), 49, 90–1,
 93, 102, 105
 Oxford Text Archive, 204
- Page, Scott, 151
 palatal, 40
 pantomime, 147–8
 past tense forms, variation in, 32–5, 93–4, 103,
 191
 past tense, variation in, 92–4
 Paul, Hermann, 117, 121, 190, 197
 Penn Treebank, 207
 Pennycook, Alastair, 120
 performance, linguistic, 114, 193
 periodization, 212
Personal Recollections of Joan of Arc, 186
 Phatic language, 223
 phoneme, 43, 45, 49
 phonetics, 36, 38, 46, 52
 phonological processes
 assimilation, 46, 82, 88, 90–1
 deletion, 47
 dissimilation, 47
 insertion, 47
 phonological rule, 46, 88, 92
 phonology, 36, 46, 96
 phrasal verbs, 109
 phrases, 124–8, 160
 noun phrases, 102–3
 prepositional phrases, 124
 verb phrases, 103
- Piaget, Jean, 156–9
 pidgin, 149
 Pinker, Stephen, 104, 147, 153
 place of articulation, 39–40, 47, 82
 plain text files, 204, 207
 Plato, 101
 pointing, 147–8, 159, 185
 Polish, 218

- Poplack, Shana, 196
 population, 204, 223
 Portuguese, 202
 post alveolar, 40
 poverty of stimulus, 157, 162
 preposition, 78, 100–1, 125, 127, 134–5
 prescriptive perspective, 7–8, 11–12, 113–14, 116
Principles of Language, 190
 Priscian, 101, 113
 productivity, 81
 Project Gutenberg, 184–5, 187, 204
 pronoun, 100–1, 127, 182–3
 prototype theory, 137–8

 quotatives, 191, 193–4

 realizations, vowel, 66
 reconstruction, 211
 recursion, 146–7
 reductionism, 3, 222, 225
 register, 97, 182, 187, 192–3, 196, 209
 relative clause, 127
 request, 149, 159
 root allomorphy, 82
 Rosch, Eleanor, 51, 135–7, 144
rubbish, part of speech, 105, 107

 sampling, 206
 Saussure, Ferdinand de, 8–9, 114, 222, 224, 226
 scalability, 5, 14, 25
 schema theory, 138–9, 198
 Scottish English, 196
 second language acquisition (L2), 162–5
 sedimentation, 120–1
 semi-vowels, 40
Sense and Sensibility, 131
 Shakespeare, 212
 shared intentionality, 148
 sheep, variation in plural forms, 91
 Sicilian, 197
 Sinclair, John, 117, 123
 Singer, Wolf, 19
six, 73
 six, variations in pronunciation, 70–3
 Slavic, 214, 217
 Smith, Adam, 13
 Smith, Jennifer, 196
 social practice, 119
 social variables, 32, 193
 sociolinguistics, 10, 36, 189
 sound waves (transverse waves), 50, 52, 63
 Spanish, 113, 196–7, 202, 219

 spectrogram, 52–3
 speech community, 9, 114, 189–90
 speech perception, 60, 63, 118, 167, 180, 224
Sprachusus, 190
 Standard language, 7, 12
 statistical learning, 159
 stops, 40
 structuralism, 9, 169
 Stubbs, Michael, 176
 style, 119, 128, 181–2, 184–7
 definition of, 180
 Labovian, 195
 style-shifting, 196
 suffix, 87, 103
 Sumerian, 211
 Survey of English Dialects (SED), 10, 36, 75, 87, 91, 94, 96–7
 Swahili, 197
 Swedish, 211–12, 220
 syntax, 8, 112, 117, 157
 systemic functional linguistics (SFL), 12, 112, 117, 163

 Tagalog, 115
 TagAnt, 207
 Tagliamonte, Sali, 194
take off as a phrasal verb, 109
 Tannen, Deborah, 139
 target and source domain, 144
 targets, 26, 65, 199
 telegraphic stage, 154
 tense vowel, 41
 text type, 36, 119, 139, 167, 169–77, 180–2, 184, 187, 196, 203–4, 208, 223–4
 Tomasello, Michael, 147–8, 152, 159–61
 tongue height, 41–2
 tongue position, 41–2
 transcription practice, 48, 75
 traveling salesperson problem (TSP), 17–18
 trilateral roots, 83
 Turkish, 134
 Turner, Mark, 141
 Twain, Mark, 183–6, 204, 207
 Twitter, 207
two, variations in pronunciation, 66
 two-slit experiment, 6–7
 two-word stage, 154
 Type I-III, LAP designations, 73
 Tzeltal, 134

 Universal Grammar (UG), 9, 114, 145–6, 157, 162
 UTF-8, 204

velar, 40	vowel space, 42, 42f.4.1, 54, 59
verb, 97, 100, 102, 113, 125–6, 128, 143, 182, 185, 197, 228	vowels, 39, 41–2, 46, 53, 55, 57, 59, 62, 65, 70, 72, 191, 218
verb phrase, 124	Wampanoag, 83
verbification, 103–4	wasps, variation in plural forms, 89
verbs, 35, 78, 101–4	waveform, 52
auxiliary verbs, 125	weak verb, 92
infinitival forms, 11, 127	Wenker, Georg, 25
irregular, 80	Whorf, Benjamin Lee, 133, 135
nonstandard past tense (NSPT), 32	Wolfram, Walt, 32, 33t.3.3
past tense, 92	WordSmith Tools, 207
weak and strong, 92	World Color Survey (WCS), 51
voicing, 39, 41, 44, 47, 49	
Voucanson, Jacques de, 3	zero derivation, 104
vowel roundedness, 41–2	