

Index

Author index

- Aarts, Flor 42, 233–234
 Abberton, Evelyn R. M. 3
 Abe, Isamu 191
 Abrahamson, Arthur S. 74
 Ahoua, Firmin 102
 Akinlabi, Akin 144–168
 Allen, John 115
 Allerton, D. J. 306
 Andersen, Tobe 112
 Anderson, Anne H. 10, 106
 Anttila, Arto 35, 148–163, 253
 Appels, René 97
 Arnold, G. F. 125, 127–129, 296–302, 304–307
 Arvaniti, Amalia 25, 70, 133, 140–141, 297–314
 Avesani, Cinzia
 Ayers, Gayle M. 57, 128

 Bader, Miles 10
 Baer, Thomas 7
 Bakkes, Pierre 59
 Baltazani, Mary 70
 Banti, Giorgio 41, 195
 Bard, Ellen 10, 191
 Bartels, Christine 124
 Basbøll, Hans 223
 Bateman, Janet 27
 Bearth, Tomas 195
 Beck, Janet Mackenzie 72
 Beckman, Jill 169
 Beckman, Mary E. 15–25, 38–42, 57, 83, 106–116, 119, 123, 125–128, 159–167, 170–175, 176, 185–208, 210–212, 222, 257, 292, 296–304, 307–309
 Berinstein, Ava E. 14
 Besch, Werner 231
 Biemans, Monique 81

 Bird, Charles S. 103
 Bladon, Arthur 81
 Bodomo, Adams B. 35, 148
 Boersma, Paul 146–163, 168
 Bolinger, Dwight 13–17, 19–20, 48, 49–51, 55–69, 84, 124–130, 141, 296–297
 Boves, Lou 97–119
 Boyle, Elizabeth 10, 162, 317
 Braunschweiler, Norbert 72
 Brazil, David 95, 114, 124, 296–299
 Bresnan, Joan 127
 Brown, Penelope 88
 Bruce, Gösta 130–139, 209–217, 219, 276, 314
 Burzio, Luigi 14
 Bush, Ryan 137

 Cahill, Mike 28–43
 Cajot, José 234
 Cambier-Langeveld, Tina 73, 133
 Campbell, Nick 48
 Caspers, Johanneke 96
 Cassimjee, Farida 195–203
 Chafcouloff, Michel
 Chao, Yuan Ren 28
 Chen, Matthew 36
 Chen, Aoju 69, 91–92, 93
 Cho, Taehong 135, 153
 Chomsky, Noam 88, 232
 Clements, George N. 34–37, 42–48, 101–102, 103–105, 168, 223
 Cohen, Anthonie 61–62, 73–76, 89, 97–98, 125–126, 129
 Cohn, Abigail 126
 Collier, René 61–62, 76, 97, 108–113, 125–126
 Connell, Bruce 48, 68, 75, 98–108
 Cooper, F. S. 66
 Coppola, Francis Ford 12, 27

346

Coulthard, Malcolm 95, 124
 Couper-Kuhlen, Elizabeth 51
 Cruttenden, Alan 76, 124–140, 296–297, 300–301
 Crystal, David 28, 69, 178, 296–300, 307–320
 Cutler, Anne 122
 Cutting, James E. 69

Dainora, Audra 124
 de Graaf, Tjeerd 96
 de Jong, J. 15, 79
 de Jong, Kenneth 85
 de Lacy, Paul 104, 137
 de Pijper, Willem
 de Saussure, Ferdinand
 de Vaan, Michiel 228–230, 234
 Delais, Elisabeth 253
 Di Cristo, Albert 254–260, 262–266
 Di Sciullo, A. M.
 Diehl, Randy L. 74, 75–94
 Diesing, Molly
 Dik, Simon
 D'Imperio, Mariapaola 91
 Dingeldein, Heinrich 231
 Dobrovolsky, Michael 51
 Doherty, Gwyneth 10
 Donohue, Marc 28–35, 39, 206
 Downing, Laura 16, 84, 166, 257
 Drescher, Elan 230
 Dwyer, David 31
 Duanmu, San 33–34, 35, 83–91, 224

Edmondson, Jerold A. 31
 Edwards, E. A. 133
 Elenbaas, Nina 164
 Elordieta, Gorka 42, 126, 170–184, 186–201, 206, 290
 Engdahl, Elisabeth
 Erteschik, Nomi
 Ewan, William G. 8, 43

Farnetani, Edda 141–142
 Farrar, Kimberley 138
 Faulkner, Dan 134
 Faulkner, H. 134
 Faure, Wieowie 24
 Feng, Shi 36
 Féry, Caroline 126–134
 Fikkert, Paula 95
 Firbas, Jan 291
 Fitzpatrick-Cole, Jennifer 46, 141
 Flemming, Edward 146
 Foard, C. F. 69
 Ford, Kevin C. 101–102, 105–106, 162
 Fougeron, Cécile 135, 254–266
 Fourcin, Adrian J. 3
 Fournier, Rachel
 Fox, Anthony 34–47, 258

Index

Fretheim, Thorstein 209–217, 222–226
 Frota, Sónia 61, 134–141, 153, 250
 Fry, Dennis B. 13
 Fujisaki, Hiroya 129

Gårding, Eva 129, 209
 Gaminde, Iñaki 42, 170–182, 184, 206
 Garrod, Simon 10
 Geluykens, Ronald 113
 Gibbon, Dafydd 296
 Giegerich, Heinz 15
 Gilles, Peter 251
 Goedemans, Rob 257
 Goldsmith, John 19, 32–36, 37, 103, 125, 144–146
 Gomez-Imbert, Elsa 39–40
 Gordon, Matthew 92
 Gósy, Maria 91, 140
 Goudaillier, Jean-Pierre 251
 Grabe, Esther 9–10, 88–89, 94, 126–137, 301, 309–319
 Greenbaum, Sidney 292
 Grice, Martine 25, 33, 91, 133–138, 140, 297–310, 313–314
 Griffith, B. C. 66
 Grimes, Barbara F. 8, 48
 Grønnum, Nina 84–89, 97–100, 129–138, 223–224, 226

Haan, Judith 82–88, 89–91, 100–120, 121–122
 Hackman, Gene
 Hadding, Kerstin 82–91, 92–96
 Halle, Morris 14–19, 141
 Halliday, Michael A. K. 127, 287, 296–307
 Hammond, Michael 15
 Haraguchi, Shosuke 38, 186–191, 207
 Harris, K. S. 66
 Hasegawa, Yoko 91, 207
 Hata, Kazue 91, 207
 Haudricourt, André-Georges 43
 Hayes, Bruce 13–14, 33–47, 84, 116, 124, 125–136, 145–155, 159–166, 236, 265, 274, 311–314
 Heijmans, Linda 82–88, 89, 234–252
 Heike, Georg
 Heldner, Mattias 133, 227
 Helsloot, Catherine J. 104
 Henton, Caroline 81, 318
 Hermann, E. 51
 Hermans, Ben 57, 195, 211–219, 241
 Hermes, Dick J. 3, 5
 Hernández, Inmaculada 170–184
 Hess, Wilhelm J. 3
 Hewlett, Nigel 75
 Hillman, R. E. 3
 Hirschberg, Julia 57, 124–134
 Hirst, Daniel J. 166, 266–269, 288–290, 294

- Hockett, Charles F. 49–50, 52
 Hoffman, H. S. 66
 Holmberg, J. N. 3
 Hombert, Jean-Marie 8, 42–43, 75
 Horne, Merle 141, 209
 Hoskins, Steven 141
 House, David 91
 House, Jill 91
 Hualde, José 42, 61, 170–182, 206
 Huss, Volker 24
 Hyman, Larry M. 16, 27–30, 31–32, 84, 102–105, 108–109, 130
- Inkelas, Sharon 34–48, 135, 162
 Isard, Steve 10
 Iwata, Ray 36
 Izvorski, Roumyana
- Jackendoff, Ray S.
 Jacobs, Haike 95
 James, Dorothy J. 35
 Jankowsky, L. 254
 Jassem, Wiktor 296
 Jessen, Michael 276
 Johns, Catherine 3–8, 95, 124
 Johnson, Keith 1
 Jongman, Allard 120, 162
 Jönsson-Steiner, Elisabeth 211
 Jun, Sun-Ah 43, 126–135, 176, 254–266
- Kager, René 143–163, 164–168, 282
 Kanerva, Jonni 16, 159–161, 166, 286
 Katz, William 120
 Kawasaki, H.
 Keating, Patricia 58, 135
 Kenesei, István 286–293
 Kenstowicz, Michael 39
 Kerkhoff, Joop 21
 Keyser, Jay 73, 168, 223
 King, Tracy H.
 Kingston, John 8, 43, 71–89, 237
 Kiparsky, Paul 58, 229–250, 276–277, 294
 Kirsner, Robert S. 46–48
 Kiss, Katalin É. 86
 Kisseberth, Charles J. 195–203
 Kluender, K. R. 74
 Knoop, Ulrich 231
 Kohler, Klaus 8, 42, 67, 74, 319
 Kori, Shiro 141–142
 Kowtko, Jacqueline 10
 Kraehenmann, Astrid 43
 Kratzer, Angelika
 Kristoffersen, Gjert 42, 209, 217–222
 Kubozono, Haruo 186, 187–199
 Künzel, Hermann J. 236–250
 Kutsch Loyenga, Connie 112
- Labov, William 73, 229–250
 Ladd, D. Robert 14–19, 22–23, 34–48, 52–54, 57–61, 76–80, 98–114, 123–126, 129–133, 153–168, 273, 296–297, 299–306
 Ladefoged, Peter 1, 16, 141, 153, 306
 Lahiri, Aditi 33–46, 84, 124, 136–140, 145–155, 159–162, 211, 230, 274–280, 313, 314
 Laniran, Yetunde O. 27–35, 46–48, 101–110
 Laver, John 1–8, 79–81
 Leben, William R. 19, 31–34, 48, 96, 125, 146, 195
 Leech, Geoffrey 292
 Leer, Jeff 43
 Levinson, Stephen C. 88
 Levitt, A. E. 75
 Liberman, Alvin 66
 Liberman, Mark 19, 20, 46, 77, 110–111, 119, 124–125, 130–133, 144–168, 304–313, 314
 Lieberman, Philip 79–89, 97–120, 296
 Lindblom, Björn 79
 Lindsey, Geoffrey 69
 Lodge, Ken 293
 Longacre, Robert E. 27
 Löqvist, Anders 7
 Lorentz, Ove 41, 149, 209–218
- Maddieson, Ian 27–43, 48
 Makarova, Veronika 83
 Marsi, Erwin 88–89, 94
 Martín de Vidales, Igor 170–184
 Martinet, André 69
 Matisoff, James 42–48
 Matsumori, Akiko 40
 Mcallister, Jan 10
 McGarr, Nancy S. 7
 McCarthy, John J. 143–144, 146, 294
 McCawley, James 42
 Meeussen, A. E. 103–105
 Mennen, Ineke 133, 134
 Mertens, Piet 266–271
 Mihm, Arend 230–251
 Miller, Jim 10
 Miller, Mark 120
 Mol, Hendrik 13
 Monaghan, Alex 90, 141, 300–319
 Morton, Eugene W. 80
 Morton, Rachel 52–68, 85
 Moulines, E. 10
 Mountford, Keith W. 48, 100–108
 Myers, Scott 70 36
- Nespor, Marina 125–135, 142, 263–264, 290, 317
 Nettle, David 42
 Newman, John 32
 Newman, Paul 103

348

Newport, E. L. 66–68
 Ngunga, Armindo 32
 Nilsen, Randi Alice 209–217, 222–226
 Nolan, Francis 138, 318
 Nooteboom, Sieb G. 257

O'Connor, J. D. 125, 127–129, 296–302, 304–307
 Odden, David 32, 104–112
 Ohala, John J. 8, 43, 71–72, 79–80, 196
 Ohara, Yumiko 81
 O'Shaughnessy, Douglas 115
 Ostendorf, Mari 57, 135–141, 317
 Otake, Takashi

Pacilly, Jos J. A. 120
 Palmer, Harold E. 296
 Pang, Keng-Fong 48
 Pearson, Mark 122
 Peeters, Wim 234
 Peng, Shu-Hui 36
 Perkill, J. S. 3
 Peters, Jörg 91, 155, 241
 Petterson, Robert G. 32
 Pierrehumbert, Janet 19–22, 25, 38–42, 48, 57, 58–62, 77, 93, 98–106, 123–132, 134–137, 145–156, 159–162, 170–175, 176, 185–208, 209–210, 212, 263–264, 281–286, 292–293, 296, 298–300
 Pike, Eunice 41, 232
 Pike, Kenneth L. 22, 26–27, 33–48, 110, 128, 296
 Pitrelli, John F. 57
 Poser, William J. 15, 38, 100, 186–188, 190–191
 Post, Brechtje 68, 89–94, 104, 138–142, 253–254, 273
 Price, Patti 57, 135–141
 Prieto, Pilar 134
 Prince, Alan 19–20, 141, 142, 143–146, 148–150, 275–280, 281
 Pulgram, Eric 258
 Pulleyblank, David 30, 58
 Putschke, Wolfgang 232

Quirk, Randolph 292

Radford, Andrew 285
 Ramsay, Robert 28–44
 Reetz, Henning 3–8, 95, 124
 Remijnsen, Bert 41, 67–68
 Repp, Bruno 52, 85, 118
 Riad, Tomas 150, 215–219, 222–223
 Rialland, Annie 108–111, 114
 Rietveld, Toni 1–5, 21, 52–63, 64, 82–85, 107–113, 115–116, 126, 128–134, 225, 292–293, 307–308, 319
 Rivera-Castillo, Yolanda 41

Index

Rivierre, Jean-Claude 28–44
 Robert, Stéphanie 87
 Römer, Raúl G. 41, 87
 Rooth, Mats
 Rosner, B. S. 69, 167
 Ross, Ken 317
 Rudin, Catherine
 Rump, Willem 52, 85, 118

Sag, Ivan 124
 Sagart, Laurant 27
 Salaberria, Jasone 170–184
 Szabolcsi, Anna
 Schepman, Astrid 134
 Scherer, Klaus 72–81, 92–93
 Schmerling, Susan 72–81, 92–93
 Schmidt, Jürgen E. 228–236
 Schouten, Bert 48, 234
 Schubiger, Maria
 Scobbie, James M. 75
 Selkirk, Elisabeth 14, 47, 86, 125, 141, 144–145, 150–159, 187, 212, 263, 287, 289–290, 317
 Sereno, Joan 162
 Seuren, Pieter A. M. 251
 Shakespeare, William 212, 316
 Shankweiler, D. P. 66
 Shattuck-Hufnagel, Stephanie 22, 123–135, 141, 317
 Shen, Tong 83, 159
 Shen, X. S. 91
 Shimizu, Katsumasa 153
 Silverman, Kim E. A. 8–9, 57, 93, 234
 Slis, Iman 73
 Sluijter, Agaath 14, 15
 Smiljanić, Rajka 42, 61, 170–182
 Smith Jr., Henry L. 19–20, 126–128
 Smith, Norval 41, 75
 Smolensky, Paul 143, 257
 Snider, Keith 34, 101–102, 105
 Sotillo, Catherine 10
 Soukka, Maria 46
 Steedman, Mark 297
 Steele, Joshua
 Steele, Shirley 62, 93, 184, 306
 Stevens, Kenneth 73
 Stewart, John 100–102
 Story, Robin S. 7
 Strangert, Eva 133, 227
 Strik, Helmer 97–119
 Studdert-Kennedy, Michael 66, 82–91, 92–96
 Sugahara, Mariko 205–206
 Sun, Xuejing 196
 Sundberg, Johan 196
 Svantesson, Jan-Olof 42–44
 Svartvik, Jan 292
 Swerts, Marc 113

- Taff, Alice 135
 Terken, Jacques 52, 76–91, 113–118, 126–137, 140
 't Hart, Johan 61–62, 76–89, 97–98, 108, 125–126, 129
 Thomas, Elain 88
 Thompson, Henry 10
 Thorsen, Nina; see Grønnum
 Trager, George L. 19–20, 126–128
 Trim, J. L. M. 291
 Trommelen, Mieke 276
 Truckenbrodt, Hubert 108, 126–129, 144–160, 162–163, 285–286, 309
 Turk, Alice E. 73, 123–133
- Uhlenbeck, E. M. 13
 Uldall, Elizabeth 82–88
 Uwano, Zendo 32–38
- Vaissiere, Jacqueline 129
 Vallduvì, Enric 86
 van den Berg, Rob 107–115, 116, 126–128, 308
 van Bezooijen, René 72–96, 120
 van der Hulst, Harry 28–36, 41, 76, 105–106
 van der Vliet, Peter 42, 137–139, 140, 230–243, 247, 320
 van Gestel, Joost 5
 van Heuven, Vincent 5, 15, 46–48, 67–68, 91, 120
 van Santen, Jan 134
 Vance, Timothy J. 189
 Vanderslice, R. 20, 141, 306
 Varga, Laszlo 70, 140, 153
 Vergnaud, Jean-Roger 14–19
 Verhelst, E. 10
- Verluyten, S. 253
 Vismans, Roel 48, 263
 Vogel, Irene 125–135, 142, 167, 263–264, 286–290, 293
 Voorhoeve, Jan 27
- Warner, Natasha 191
 Wedekind, Klaus 27, 96
 Weinert, Regina 10
 Wells, John C. 15, 294
 Welmers, William E. 100–106
 Wetterlin, Allison 211
 Whalen, Douglas H. 75
 Wichmann, Anne 85–91
 Wiegand, Herbert E.
 Wiesinger, P. 232
 Wightman, Colin W. 57, 135
 Willems, Nico J. 66–68, 73
 Williams, E.
 Winkler, Susanne
 Winston, F. D. D. 101
 Wistrand, Kent 110
 Wright, B. A. 74
- Xu, Yi 72, 134
- Yip, Moira 28–33, 133, 143
- Zahid, Indirawati 84
 Zec, Draga 135
 Zhang, Jie 31, 157–158
 Zimmerman, Roger 120
 Zoll, Cheryl 157
 Zonneveld, Wim 276
 Zubizarreta, Maria Luisa 86
- Subject index**
- *P 165, 288
 *T 1–2, 3–9, 159, 188–194, 257–260
 accent 12–22, 26–27, 36–42, 171, 190, 309
 accent range 79–94
 accent language 41–42
 accentability 310
 accentual analysis, of tone language 39, 210
 accent assignment 38, 186
 accent deletion, see deaccentuation
 accentual downstep 115
 accentual lengthening 73, 133
 Accent Phrase 209–220
 Accentual Phrase 126, 170–172, 176, 186–199, 200
 Addition 297, 299–307
 affective meaning 79–94
 aliasing 4
 alignment, in Optimality Theory 143–150, 152, 179, 192, 215, 242–245, 255, 278–287, 309
 alignment, phonetic 22, 61, 62–67, 72–74, 84–91, 124–133, 134, 213, 245
 alignment, with head
 alignment, with focus 180–182, 204, 212, 287
 alignment, with two edges 134, 153, 302
 allophone 189–190, 269
 allomorphy 236–247
 Alternation Principle
 Analogical Lengthening 230, 249–250
 analogy 229–243, 249
 animal communication 50–53
 Apocope 230–231, 232
 arbitrariness 50, 53–54, 80
 arytenoids 1, 7
 association 144–148, 149–150, 171, 185–188, 189–202, 210–215, 246–247, 272, 297
 Association Convention 31, 186
 association with focus 171
 autocorrelation 5

350

automatic downstep 101, 171
 Autosegmental-Metrical model 123, 170,
 185–187, 209, 266, 316–320
 autosegmental phonology 19, 28–48, 123–125
 autosegmental representation 129, 274

Bernoulli effect 2
 binary opposition
 BinMap 161, 184, 187, 289–290
 biological code 79–95, 206
 boundary tone 22, 123–126, 128–134, 174,
 187–189, 200, 266–272, 274–291, 295,
 305–319
 breath group 79, 97
 breathy voice 8, 27–29, 43, 81
 British tradition in intonation analysis 125–127,
 140, 319

categorical perception 66, 69
 central tone 212
 clash 294, 317
 clefting
 cliché mélodique 266–270, 271
 clitic 179, 290–291, 292
 compensatory listening 234
 complete linking 135
 complete reset
 complex predicate
 compound 15–18, 19–21, 171, 214–219,
 274–277
 compound stress 19–23
 compression 138
 CON 145–168
 CONCATENATE 150, 152–153, 192–197,
 215–216, 220
 constraints, unranked 161–163
 constraint ranking, on the hoof 163
 constraint ranking, variable ranking 163, 232,
 260–265
 constraint reranking 163, 253–265
 contour interaction 129
 contour tone 26, 273
 contour tone language 26, 232
 contrast preservation 73–74, 75
 contrastive stress
 control, in articulation 60, 72, 75–77, 97
 cricoid 1–7
 creaky voice 8, 27–43, 81, 88
 cumulative upstep
 curtailment, see truncation
 cyclicity 163–164, 166, 280–282, 284–294

deaccentuation 38, 87, 254, 276–277, 287
 declination 80–88, 89, 97–113, 226
 definitional focus
Dehnung 230
 delay morpheme 306
 delayed peak feature 307

Index

DEP-(IO) 148, 279–281
 dephrasing 206, 274
 depictives
 desequencing 250
 design features, of language 49–50
 diacritic use, of phonology 104, 232
 digitization 3–4
 dimorphism 80
 discrete level (tone language) 100
 discreteness 50–51, 52–54, 306
 doubling error 6
 downdrift 101
 downstep 32–34, 83–90, 98–119, 131, 177,
 178, 200–202, 266–267, 271, 303–307,
 310–313
 downstep, after H-tone 104, 268–271
 downstep, automatic
 downstep, interrupted
 downstep, of L-tone 102–105, 106
 downstep, of M-tone 106
 downstep, PA-internal in English
 downstep feature 105–117, 308
 downstep morpheme 308
 duality of structure 22, 50–52, 53–57
 duration 17

echo question
 Effort Code 71–94, 122, 206
 encliticization 290–291, 294
 encliticized *t* 315
 enhancement 27–34, 73–74, 75, 114, 224–225,
 228, 232–234
 epithet 162
 epitone 236–241, 242–250
 ERB 5
 excursion size 76–85
 EXHAUSTIVITY 162
 extra High 66, 130, 185–207
 EVAL 145–146, 162

fade out reversal 9, 236
 FAITH 216–220
 final lengthening 73, 135, 254–273
 final lowering 98–99, 107–110, 178, 276
 flat hat 269
 floating tone 35, 128–133, 159, 212–214,
 272
 floating L-tone (downstep) 102, 103, 130
 floating tone (morpheme) 35
 focal tone 211–212, 213–216
 focus 23, 50, 86–88, 159, 180, 192–204,
 212–214, 221–222, 243, 286–293
 focus, broad 86
 focus, contrastive 86
 focus, corrective 86, 180–181, 182–184,
 212–227, 295
 focus, informational; see focus, presentational
 focus, narrow 60–61, 86–91

- focus, presentational 86, 88, 180, 184, 212–227
 focus ambiguity
 focus domain
 focus particle 87
 focus projection
 focus types 86
 focus constituent 86, 211–212, 223, 314
 focus constituent, minimum size of
 foot 12–14, 15
 Frequency Code 71–94, 122
 function words
 fundamental frequency 2–9, 81

 geminate
 GEN 144–145
 gender 207
 glottalized voice; see creaky voice
 glottis 1
 gradience 52, 116
 grammaticalization 49, 83–94, 98–107, 112–113, 178

 HAMMOCK 256–259, 262–271
 H-raising 108–110, 297
 half-completion 142, 299–300, 302–316
 halving error 6
 head (British tradition) 302
 headedness 162
 high rise 63, 299–319
 hyoid 8–11

 iamb 14–16
 iconicity 51, 72–76
 IDENT 52, 116
 imperative, accent in 265
 implementation; see phonetic implementation
 incorporation 290–294
 interrogative intonation 54, 82–84, 100–119, 120–122, 186–202, 225–226, 229–233, 235–236, 266
 information structure 23, 86
 informational meaning 79–82, 83–85
 Initial Accent Deletion
 INITIALBRANCHING 180, 290
 initial raising 114–119
 initial strengthening 135
 Intermediate Phrase 125–126, 127–137, 167, 170–176, 180, 192–199, 292, 316
 interpolation 29, 128–129, 198–201
 intonation 12–22
 intonational meaning 24, 79–95, 124, 306–312, 315
 intonational lexicon 46
 routine (intonational meaning) 22–23, 76, 77, 123–125, 166–169, 170–176, 254–266, 275–287, 292, 299, 316

 intonational phrase 22–23, 76, 77, 123–125, 166–169, 170–176, 254–266, 275–287, 292, 316
 intrinsic F_0 8, 42–43, 75, 232
 IViE 137

 juncture phoneme 126

 L-prefixation 307, 313–316
 laryngealization 8
 larynx
 LAYEREDNESS 162, 290
 leading tone 128–133, 268–270, 310–319
 level ordering 258
 level tone 26
 lexical diffusion 230
 Lexical Phonology 22, 58–60, 274–276, 278
 lexical representation 58–59, 143, 172, 276
 liaison 273
 LINEARITY 144–152, 168
 listing 230
 loan word 15
 low rise 63, 298, 299–300

 main stress
 major phrase 160, 292
 Map Task 10
 markedness
 matrix sentence 287–291
 MAX 147, 238, 279–283, 284–286
 MAX_{OO} 165, 288–289, 290
 metalinguistic use 222–227
 metathesis
 metrical grid 14, 141
 metrical tree 19, 123
 metrically bound tone 42
 mid tone 35–43
 minor phrase 292
 monosyllabic foot 14
 mora 16, 29
 moraic trochee
 morphological analysis of intonation
 morphological downstep 106–108
 morphological tone 46
 murmur 34

 negation, with tone 88
 Neogrammarian change 229–250, 251
 nested downstep 115
 neutral stress 130, 273, 296–301, 305–313
 neutral tone (Chinese) 35
 neutralization 191
 news sentence
 NoAssoc 144–149, 151–158
 NoCLASH 255–256, 259–266, 278–279
 NoCONTOUR 146, 149–158, 193–196, 272
 NoCROSSING

352

NoCROWD 146–149, 193, 216
 NoFALL 146
 non-automatic downstep 101
 NONRECURSIVITY 162, 285
 non-uniformity of structure 146–156
 NoREMOTECLASH 260–261, 262–263,
 278–279, 284–286
 NoRISE 146, 148, 195–197, 238–239, 240–241
 NoSLUMP 281, 301–302
 NoSPREAD 149, 193–196
 NoTARGET 155, 168, 239
 NoVeryRemoteClash
 normal stress
 nuclear pitch accent 126–127, 296–309
 nuclear contour 296, 302

 Obligatory Contour Principle (OCP) 31–32,
 33–36, 146–149, 187–194, 195–196, 221,
 249, 268
 Optimality Theory 33, 142, 143–169, 192–197,
 201, 216–217, 238–242, 254–256,
 266–271, 276–286, 288–290
 octave jump 6
 off-ramp/on-ramp analysis, of English
 127–128, 134, 319
 onset, of *ɪ* 89, 118, 127, 304
 onsetless syllable 257
 output–output faithfulness 164, 258, 275–282,
 294
 Open Syllable Lengthening 230–249, 250

 paradigmatic relation 26
 paralinguistic meaning 24, 69, 71–95
 parenthetic S
 partial linking 134, 302
 partial reset 115
 peak delay
 PEAKPROM 88, 256–257, 258–273
 perceptual equivalence 62
 period 1, 2
 perturbation; see pitch perturbation
 phonetic implementation 49–58, 59–62, 105,
 110–111, 124–128, 130–131, 143, 189,
 224, 235, 268, 308
 phonetic underspecification 23, 35–36, 129, 185
 phonological adjustment
 phonological change
 phonological phrase 167, 170, 253–254,
 265–266, 278–292, 317
 phonological word 170, 253–255, 275
 phrasal downstep 115–116
 phrase accent 25, 126–127, 139–141, 212
 pitch 1–2, 3–9, 159, 188–194, 257–260
 pitch accent 47–48
 pitch accent, Beckman 47–48
 pitch accent, bitonal 22, 48, 124–133, 134, 168,
 210–220, 307
 pitch accent, splayed 220, 271, 304–312, 319

Index

pitch key
 pitch range 76, 124
 pitch register 76–92, 120
 pitch span 76–79, 85, 120, 200
 pitch perturbation 3–5, 75, 232
 pitch tracker
 PLATEAU 203
 pre-accenting suffix 38
 preboundary lengthening; see final lengthening
 prehead, see onset
 polar tone 89
 positional markedness 157–169
 postlexical phonology 58, 172
 predicate, natural
 predicate argument structure
 pre-nuclear pitch accent 302–304, 317–318
 pre-nuclear pitch accent, fall–rise 296–305, 313
 precompilation 29, 265
 prehead; see onset of *ɪ*
 prelinking 210–222
 preplanning 111
 presentational focus; see focus, presentation
 primary stress 14–19, 21
 privative analysis 209, 218
 procliticization 276–290
 procliticized ϕ 280–285, 286–294
 Production Code 71–89, 90–91, 98–121
 prominence 40–47, 85, 118–122
 prosodic hierarchy 88, 143–144, 159–168,
 254–266
 PSOLA 10

 quantity 16–17
 quantity-sensitive 17
 quantization 4

 RADDOPPIAMENTO SYNTATTICO 142
 raised H; see extra High
 register, feature 223
 register, word melody 38–48
 register, pitch band 48
 register, style 48
 register, voice quality 27
 register tier 34, 117, 194
 register tone language 26–48
 reference line 76–85, 110–118
 reporting clause 162
 reset 113–116
 restructuring 134, 264, 290
 resynthesis
 rheme 297
 rhythm 141–142, 199, 253, 274–294
 Richness of the Base 145

 Sentence Accent Assignment Rule
 sampling rate 3
 scaling 124
 scathing intonation 300–319

- Schärfung* 230
 secondary association 138–139, 189–197, 199
 secondary stress 21, 22
 segmental landmarks 134
 semantic analysis, of intonation
 semitone 5
 Selection (intonational meaning) 297–299
 sentence particle
 sign language 76
 SINGLETARGET 155
sleeptoon 230
 spectral tilt 14, 48, 304
 speech style 60, 293
 stability 33, 103
 starred tone (T*) 22, 37, 133, 302–307
 stød 209–224
stootoon; see *Schärfung*
 stress 12, 22, 40–41
 stress clash 141
 stress, degrees of 19–22
 stress, feature 19, 141
 stress shift 56, 141, 142, 167
 stress-to-weight 16
 stress accent, Beckman 47
 Strict Layering Hypothesis 159–162
 subordination, of pitch 90, 112, 178–179, 207
 substitute use of pitch (biological codes) 80–92
 surface representation 58, 59
 syllable
 syntactic tone 46
 syntagmatic relation 26

 T → TBU 149, 193–194, 203, 216–220, 271
 tableau
 tag 292, 294
 target 23, 29, 79, 128–129, 154, 215
 ternary foot 14
 Testing (intonational meaning) 297–299
 TBU 29–31, 35–37, 103, 123–133, 154–158, 187–193, 211–216, 246
 TBU → T 148–149, 151–152, 195, 196, 216, 239
 theme 297
 thyroid 1–7, 8–11
 ToBI 132
 ToDI 137
 tonal analysis, of tone language
 tonal grammar 130, 273, 296–301, 305–313
 tone levels, notation
 tonal morpheme 34, 103–109
 tonal root node 33, 117
 tonal root tier
 tonal tree 34
 tone
 tone clock (tone circle) 36
 tone cluster 33, 133

 tone contour 33, 133
 Tone Copy 315–316, 319
 tone features 27–34
 tone language 12–15, 26–38, 75
 tone language, terraced level
 tone language, discrete level
 tone letter 28
 tone loss 234–250
 tone melody
 tone reversal 245
 tone tier 28–29, 33, 129, 144–157, 176, 190–198
 tone sandhi 36
 tone sequence model 129
 tone spreading
 tone stability
 toneless morpheme 34
 tonogenesis 42–44, 234–250, 251
 tonogenesis, de novo 44, 228–232
 tonegroup (British tradition) 125
 topicalization 175, 287
 total downstep 105–106
 trailing tone 23, 128–133, 154–155, 268–271, 302
 trimoraic quantity 231
 trochee 14–24, 164
 truncation 9, 16–17, 133, 220, 236–241, 242–246, 316
 Twin Sister Convention 168

 underlying representation 58, 106
 phonetic underspecification
 undershoot 79
 ungrammatical contour
 unrestricted tone language 27
 upstep 34, 108–110, 131, 298–309, 320
 Utterance 125, 170–176, 201

 variability 164, 234
 vocal folds 1, 2–3, 15, 72–79, 97
 vocal tract 72
 vocative chant 57, 300–313, 319
 vocative chant, low 21, 314
 vocative chant, with end-rise 314
 voice quality 15–16, 27
 voice onset time 66, 153
 vowel duration
 vowel quality 1, 15, 232–234

 weight by position 17
 weight-to-stress 16–17
 whistling language 48
 WRAP 38–42
 word melodies 26–27
 word melody 38–42
 word stress

 zero-crossing 2

354

Language index

Acatlan Mixtec 110
 Arabic 74
 Awid Bing 43

Bambara 35, 53, 100–108
 Bamileke 102
 Bantu
 Barasana 39–40, 41, 210
 Baule
 Basque 28, 112–117, 126, 159–167, 171, 293
 Basque, Bermeo
 Basque, Gernika 171–172
 Basque, Gipuzkoan
 Basque, Lekeitio 159, 171–184, 186–188, 204
 Basque, High Navarrese
 Basque, Northern Biskaian 42, 170–184, 186–187, 206, 210
 Benčnon 27
 Bengali 32–46, 54, 84, 136–140, 146–152, 159–163, 254, 275
 Bimoba 101–102, 113
 Bulgarian

Cèmuhi
 Central Carrier 41
 Central Franconian, *see* German
 Chicheŵa 16, 36, 153–160, 166–167
 Chickasaw 54, 92
 Chinese, Cantonese 34
 Chinese, Danyang 33
 Chinese, Hailar 36
 Chinese, Mandarin 28–33, 34–35, 91, 98–99, 134
 Chinese, Wenzhou 36
 Chipewayan 43, 157
 Chumburung 102–105

Dagaara 35
 Dagara 112, 114
 Danish
 Dinka 106–112
 Dutch 16, 21, 28–33, 46–47, 52–61, 63–67, 72–73, 76–84, 97–98, 100–107, 125–127, 128–133, 150–162, 220–225, 226, 230–249, 250, 296–298, 308–314
 Dutch, Belgian 81, 234
 Dutch, Hasselt 228
 Dutch, Maasbracht 241
 Dutch, Maastricht 42, 45–48, 228–233, 234
 Dutch, Roermond 58–70, 151–154, 228–235, 238–239
 Dutch, Tongeren 229–244, 245–246
 Dutch, Venlo 30–42, 137–138, 154–158, 229–235, 238–245

Index

Dutch, Weert 234

Engenni 88, 109
 English 8, 13–15, 34, 51–52, 53, 73–76, 77–84, 98–110, 111–113, 123–125, 126–133, 150–156, 186, 209–226, 253, 274, 320
 English, American 46, 63, 81–82, 92, 118–122, 123–124, 127–128, 145, 296–297
 English, Belfast 54, 301–318
 English, Birmingham 301
 English, British 9, 73–74, 76, 122, 124–127, 128–137, 296
 English, Cambridge 138
 English, Leeds 138
 English, Liverpool 301
 English, Manchester 301
 English, Tyneside 301
 English, West Coast
 Etung 31–32

Finnish 164
 French 68, 74, 113, 141–142, 163–167, 253–273, 275–284, 304–311, 315

Ga'anda 106
 Georgian 137
 German 8–9, 28, 72–81, 92, 137–138, 140, 226, 230, 231–250, 296
 German, Central Franconian 228–250, 251
 German, Cologne 228–232, 235–241
 German, Düren 241
 German, Hamburg 93, 231
 German, Mayen 229–236, 237–241
 German, Swiss 91, 140
 German, Trier
 Greek 141–142
 Greek, Cypriot 140
 Greek, Standard 70, 133, 140
 Guarani 53

Haida
 Hausa 34, 162, 195
 Hawaiian 33
 Hungarian 70, 91, 140, 153

Iau 27
 Igbo 101–102
 Italian 16, 91, 104, 141–142
 Italian, Palermo 138

Japanese 15, 27–45, 72–81, 83–88, 100–106, 113, 126–129, 133, 146, 159, 175–177, 216, 271
 Japanese, Ibukujima 38
 Japanese, Maeno 40
 Japanese, Nakamura 32

- Japanese, Tokyo 40–42, 170
 Jita 84
- Kachru 109
 Kairi 32
 Kanakuru 103
 Kaure 39, 210
 Kikirewe 112
 Kikuyu 29–32, 101–102, 106
 Kimatuumbi 162
 Kirimi 108, 112
 Kishambaa 32, 104–105, 110
 Korean 126, 167
 Korean, Middle 44
 Korean, Seoul 43, 135
 Kukuya 31
- Lamet
 Lëtzebuergesch 251
 Lithuanian 28–42
- Malay 84
 Mambila 27, 75
 Mankon 108–109, 122, 130
 Maori 136
 Ma'ya 41
 Mende 32
 Min Nan 48
 Moba 106
 Mon Khmer
- Navajo 43
 Ngamambo 105
 Ngiti 112
 Noon 46
 Norwegian 27–40, 42, 209–226
 Norwegian, Bergen 226
 Norwegian East 153–156, 209–217, 223
 Norwegian, Tromsø 226
- Papiamentu 41, 87
 Portuguese, European 86–87, 134–141
 Punjabi 43
- Romanian, Transylvanian 140
 Russian 83
- Seminole/Creek 16
 Serbo-Croatian, Belgrade 60–61, 74
 Serbo-Croatian, Zagreb 28, 61
 Siane 34
 Sikaritai 35
 Silbo Gomero, *see* Spanish
 Somali 39, 41–42, 195
 Spanish, Silbo Gomero 48
 Sundanese
 Swedish 40–41, 47, 82–92, 128–139, 153,
 209–222, 226, 304
 Swedish, Finnish 226
 Swedish, Malmö 226
 Swedish, Stockholm 36, 129–139, 145–150,
 209–217, 219
- Tiv 30
 Tonga 37–38
 Toura 195
 Trique 27
 Twi 84
 Tzeltal 88
- U 44, 232
 Unangan 135
 Utsat 48
- Vietnamese 43
- Wolof 87
- Yorùbà 27–35, 46, 98–106, 108–110