
Index

- Abercrombie, D., 121, 122, 225, 341
Abramson, Arthur, 20n8
Accent commands, 4
Adamou, Evangelia, 39
Adams, J. *See* Glewwe et al. (2018), 15
African languages and linguistics, 46, 186, 187, 415
African tone languages, 29, 142, 153, 158, 172n4, 416, 417
Agarwal, A. *See* Shouval et al. (2014), 242
Aguilar, Lourdes. *See* Escudero et al. (2012), 71
Ahn, B., 165, 210
Alignment, and tonal targets, 29
 and phonetic implementation in AM model, 40–41
Alt tier, 162
AM. *See* Autosegmental-metrical (AM)
 approach to prosody
AM Tones and Break Indices (G-ToBI)
 system German, 3
Ambrazaitis, G. I., 288, 302, 303
Analysis-by-synthesis, 11–14
Analytic bias, 14
Anchor normalization, 356–357
Anderson, A., 165
Anderson, Poul, 85, 87–88, 89
Annotation, prosodic, 117, 145
 emphasis, 124
 F0 transitions, 130–133
 functions, prosodic, 119–120
 levels of representation, 117–119
 macromelody, 127–130
 micromelody, 127–130
 Momel representation, 133–136
 phonetic representation, 125–136
 and ProZed, 141
 rhythm units, 121, 124
 stress foot, 121
 structure, prosodic, 120–124
 surface phonological representation, 136–141
 terminality, 124
 tonal units, 121–124
 underlying phonological representation, 142–144
Arabic languages, 31, 32, 69, 130, 139, 417
Arai, T., 409
Arbisi-Kelm, T., 19, 161
Armstrong, L., 117, 142
Armstrong, Megan E., 48, 165, 169
Arnhold, Anja, 37, 51, 163
Arnholtz, A., 85, 86, 89, 95
Arnold, D., 293
Arnold, G. F., 46, 117, 142, 184, 290, 324, 331–336, 340
Aronoff, M. *See* Meir et al. (2013), 415;
 Sandler et al. (2011), 8
Articulatory phonology, 218–219
 task dynamics (AP/TD), 237–243
Arvaniti, Amalia, 26, 27, 29, 30, 33–34, 35, 39, 40, 41, 42, 43, 44–45, 46, 47, 49, 50, 51, 52, 64, 65, 68, 69, 70, 71, 77, 78, 79–81, 104, 156, 157, 163, 167, 182, 187, 192, 194, 196n14, 204, 208, 225, 248, 251, 301, 339, 416, 422, 430
 See also del Giudice et al. (2007), 183;
 Grice et al. (2000), 7; Prom-On et al. (2016), 34
Ashby, Michael, 259
Ashby, Patricia, 259
Aston, C. H., 225
Asu, E. L., 288
Atterer, Michaela, 40, 164
Auchlin, A. 272
 See also Avanzi et al. (2010), 278fig7.6;
 Goldman, Auchlin et al. (2007), 272
Auer, P., 308
Auran, C., 141, 145n3

- Australian National Database of Spoken Language (ANDOSL), 165
- Autosegmental-metrical (AM) approach to prosody, 3–4, 25–28
- absence of representational uniformity, 7 and AM models of English intonation, 204–205
- AM Tones and Break Indices (G-ToBI) system (German), 3
- applications of, 50–52
- and composition of melodies, 35–37
- and declination, 42
- descriptive inadequacy and inconsistency in, 184–185
- distinction between phonology of intonation and downstep, 34–35
- enduring insights from, 183–184
- enhanced AM, 182–183
- essentials of, 28–29
- events, 186
- fundamental frequency (F0) contours in importance of intonation in, 25–26
- inconsistencies in mapping pitch accents to F0
- and intonational meaning, 46–48
- and intonational typology, 48–50, 79–81
- main advantage of, 64–68
- models of prosody, 3, 4–5
- and phonetic implementation, 39–45
- phonetic interpolations versus tones, 186–187
- and phonetic realization, 25–26
- and phonetic variability, 77–79
- pitch level and pitch span, 41
- problems with phonetic rules, 185–186
- and prosodic typology, 76–77
- and the RaP transcription system, 188–195, 207–210
- and scaling, 34–35
- and secondary association, 32–34
- and structure of tonal events, 29–32
- syntagmatic tonal relationships in, 206–207
- Autosegmental string, and metrical structure, 37–39
- Autosegments, 28
- Avanzi, M., 272, 278fig7.6
See also Delais et al. (2015), 152; Goldman, Auchlin, et al. (2007), 272
- Avesani, Cinzia, 39, 69
See also Grice et al. (2005), 165, 168, 169
- Aylett, Matthew, 71, 151, 251, 368
- Ayoker, Otto Gwado, 40
- Ayres Elam, G. M., 151, 207, 247
- Bader, M. *See* Anderson et al. (1991), 165
- Baek, S., 163, 170
- Bailly, G., 385
- Baken, R. J., 262
- Baker, W., 164
- Baltazani, Mary, 25, 26, 27fig1.1, 35, 39, 40, 42, 43, 47, 48, 51, 157, 208, 248
- Bambara language, 124
- Bangalore, S., 369
- Barbisch, M., 358
- Barbosa, P. A., 226, 238
- Bardiaux, A., 272
- Barnes, Jonathan, 17, 34, 43, 44, 72, 182, 183, 199, 266, 311, 313
See also Brugos et al. (2018), 19
- Barry, W. J., 301
- Bartolo, R. *See* Merchant et al. (2008), 242
- Basbøll, Hans, 85, 89, 111
- Basque language, 29
- Batliner, Anton. *See* Grice et al. (1996), 248, 251, 368
- Baudouin de Courtenay, Jan, 20n7
- Baumann, Stefan, 31, 32, 35, 69, 156, 251, 298, 353, 359, 361, 367
See also Cangemi et al. (2016), 72; Kügler et al. (2015), 295, 308
- Bayerl, P. S., 368
- Beaugendre, F., 263, 270
- Beaver, David, 39, 46, 412, 416
See also Calhoun et al. (2010), 353, 365
- Beckman, Mary, 25, 28, 31, 32–33, 34, 35, 37, 38, 39, 42, 44, 49, 50–51, 52, 53n5, 65, 71, 76, 120, 151, 152, 154, 155, 156, 157, 158, 159, 163, 166, 172n4, 173n13, 174n22, 182, 185, 186, 188, 192, 195n9, 196n14, 205, 206, 207, 213, 219, 242, 247, 249, 251, 252, 338, 353, 368, 395, 408, 409, 411, 414, 418, 419, 420
See also Peng et al. (2005), 156, 159, 166; Silverman et al. (1992), 50, 117, 136, 137, 151, 247, 338, 414, 418, 427; Syrdal et al. (2001), 368
- Beddor, Patrice Speeter, 227, 417
- Bell, C. C., 11, 12, 13
- Bengali language, 37, 51, 152, 166, 168, 173n12, 173n17, 415
- Ben Jannet, M. *See* Loevenbruck et al. (2013), 292

- Benzmüller, Ralf, 31, 32, 35, 151, 156, 359, 361, 367
See also Grice et al. (1996), 248, 251, 368
- Berber language, 40, 46, 65, 66, 67, 68, 76, 77
- Berent, I., 195n6
- Bergmann, A., 165
- Berkovits, R., 218
- Bernstein, N. A., 382
- Bertinetto, P. M., 139
- Best, Catherine T.
- Beutnagel, M. *See* Syrdal et al. (2000), 368
- Bias (cognitive predisposition)
 analytic, 14
 channel, 14
 substantive, 15
- Bigi, B., 141
- Billon, M., 241
- Birch, Stacy, 247, 412
- Bird, C. S., 124
- Birkholz, P. *See* Xu et al. (2013), 401
- Bishop, Jason, 69, 156, 163, 165, 166, 170, 183, 209
- Bitonal accents, 30
- Black, A. W. *See* Taylor et al. (1999), 357
- Blasi, D. *See* Dingemanse et al. (2015), 415
- Bloch, B., 289
- Bloch, S. N. J., 86
- Bo, Alf, 86, 99
- Boersma, P., 108, 133–134, 263, 291
- Bolinger, Dwight, 46, 47, 123–124, 153, 206, 225, 239, 251, 252, 273, 274, 276, 333, 341, 385, 408, 427
- Bolivar, M. *See* Dilley et al. (2006), 171, 275
- Bombien, L., 216, 218, 220
- Bomhard, A. R., 399
- Bootsma, R. J., 241
- Borràs-Comes, Joan, 42, 48
- Borys, S. *See* Hasegawa-Johnson et al. (2005), 369
- Boston University Radio Speech Corpus, 36, 165, 412
- Boundary tones, 28
- Bouzon, C., 124, 145n3
- Boves, 81n1
- Boyce, Suzanne, 42
- Boyle, E. *See* Anderson et al. (1991), 165
- Brainard, M. S., 396
- Brand, T., 356
- Branderud, P
- Braun, Bettina, 69
See also Kügler et al. (2015), 295, 308
- Break indices tier, 160–161
- Breen, M., 171, 189, 192
See also Brugos et al. (2008), 162; Dilley et al. (2006), 171, 275
- Bregman, A.S., 188
- Brenier, J. *See* Calhoun et al. (2010), 353, 365
- Bresch, E. *See* Byrd et al. (2009), 215
- Brink, L., 85
- British school of intonation, 36, 47, 319, 344–346
 and AM, 338–344
 heyday of, 329–338
 history of, 319–329
- Brognaux, Sandrine, 280
- Browman, Catherine P., 29, 213, 214, 215, 227n1
- Brown, G., 166, 329
- Brown, Meredith, 40, 171, 184, 185–186, 189, 195n9, 196n14, 367
See also Breen et al. (2018), 194
- Bruce, Gösta, 32, 44, 90, 98, 152, 290, 367, 417, 420
- Bruggeman, Anna, 66, 67, 68
- Brugos, Alejna, 19, 50–51, 162, 247
See also Barnes et al. (2010), 34; Barnes et al. (2012), 43, 72, 182, 183, 189; Barnes et al. (2013), 43; Barnes et al. (2014), 266
- Brunner, J., 215
- Bryant, Gregory A., 46, 292
- Buckeye Corpus, 165
- Bühler, K., 305
- Bulgarian language, 17
- Bunnell, H., Timothy, 38
- Bunz, H., 214
- Burdin, Rachel, 71
- Büring, Daniel, 46, 353
- Burnett, James, 322, 323
- Burnett, T. A., 189
- Burns, E. M., 184, 188
- Buthke, C. *See* Delais et al. (2015), 152
- Butler, C., 322, 346n1
- Byrd, Dani, 38213, 214, 215, 216, 217–218, 219–220, 223, 224, 225, 227n1, 237, 242
See also Goldstein et al. (2009), 224; Nam et al. (2004), 215, 221
- Byrne, W. *See* Ostendorf et al. (2001), 165
- Caley, R. *See* Taylor et al. (1999), 357
- Calhoun, Sasha, 36, 39, 166, 353, 365, 366
See also Schweitzer et al. (2015), 366
- Calleja, Nagore, 40

- Calling contour, 193
- Cambier-Langeveld, Tina, 38, 218
- Campbell, Nick, 39, 136
- Campbell, W. N., 238
- Campione, E., 134table3.1
- Cangemi, Francesco, 71, 72, 167
See also Bruggeman et al. (2018), 72;
 Niebuhr et al. (2011), 299, 312
- Cantonese language, 51, 399
- Carletta, J. *See* Calhoun et al. (2010), 353, 365
- Carlson, K., 219
- Carlson, R., 288
- Carmichael, L. *See* Ostendorf et al. (2001), 165
- Carvey, H., 192
- Casserly, E., 165, 219
- Catalan language, 78, 79, 138, 152, 169
 bitonal accents in, 31
 multitonal combinations of edge tones in, 31
 scaling in, 42
 and secondary association of phrase accents, 34
 tone gestures in, 222
- Catford, J. C., 20n10, 20n11
- Chahal, Dana, 31, 32, 39
- Champagne-Lavau, M. *See* Loevenbruck et al. (2013), 292
- Chan, Marjorie K. M., 51, 156, 157, 159, 173n13
- Chang, Y.-C., 196n17
- Channel bias, 14
- Chavarría, S. *See* Yoon et al. (2004), 368, 369
- Chen, Aoji, 46, 292, 353
- Chen, K. *See* Hasegawa-Johnson et al. (2005), 369
- Chen, L. *See* Goldstein et al. (2009), 224
- Chen, M. Y., 398
- Chen, S., 189
- Chen, S.-W., 399, 400, 427, 429
- Chen, Ying, 195n8, 231, 380, 382, 384, 399
- Cheney, D. L., 8
- Cheng, C., 380
- Chentir, A., 130
- Chickasaw language, 37, 40, 151, 157, 158, 159, 160, 161, 162
- Chinese, Standard (Beijing), 139, 156, 391
- Chitoran, I. *See* Goldstein et al. (2009), 224
- Cho, H., 136
- Cho, Taehong, 38
See also Keating et al. (2004), 216
- Choi, J.-Y. *See* Hasegawa-Johnson et al. (2005), 369
- Chomsky, Noam, 6, 15, 119, 323, 409
- Christiansen, M. H. *See* Dingemanse et al. (2015), 415
- Christodoulides, G., 272
- Chuenwattanapranithi, S., 388, 401
- Cieri, C., 388
- Clark, Brady Zack. *See* Beaver et al. (2007), 39, 46, 412, 416
- Classe, A., 238
- Clements, G. N., 7, 42, 142, 191
- Clifton, Charles, Jr., 219, 247, 412
- Clitic Group, 38
- Cobler, M., 191
- Coetzee, A., 195n6
- Cognition, and prosodic models, 15–16
- Cohen, Antonie, 40, 42, 46, 78, 125, 196n14, 262–263, 264, 266, 271, 273, 275, 427
See also Hasegawa-Johnson et al. (2005), 369
- Co-intrinsic micro-prosody, 265
- Cole, Jennifer, 43, 163, 167, 170, 174n21, 184, 225, 226, 238
See also Hasegawa-Johnson et al. (2005), 369; Yoon et al. (2004), 368, 369
- Coleman, J., 328, 420, 427
- Collier, René, 40, 42, 46, 78, 98, 125, 262, 263, 264, 266, 273, 275, 427, 429
- Commands, accent and phrase, 4
- Competence, linguistic, 15
- Composition of melodies, 35–37
- Configurations, 40
- Conkie, A., 351, 358
See also Syrdal et al. (2000), 368
- Connell, Bruce, 42, 384
- Context, and intonational meaning, 46
- Contrast theory of intonation perception (C-TIP), 311
- Conway, E., 251
- Cooper, W. E., 154, 220, 362, 385, 399, 429
See also Eady et al. (1986), 399
- Corcos, D. M., 242
- Couper-Kuhlen, E., 117, 308
- Cowie, R., 396
- Cruttenden, Alan, 251, 275, 321, 322, 325, 326, 336–338, 339
- Cruz, Marisa. *See* Frota et al. (2015), 152
- Crystal, D., 117, 153, 275, 322, 323, 335, 408, 427
- Cummins, F., 226
- Currie, K., 166

- Cutler, A., 184
Cypriot language, 33, 38, 46
- Dahan, D., 184
Dainora, Audra, 36, 47, 49
Daland, R. *See* Glewwe et al. (2018), 15
d’Alessandro, C., 189, 263–264, 267, 270
Dalla Bella, S. *See* Pfordresher et al. (2015), 189, 196n17
Dalton, Martha, 40
Daly, Nicola, 41, 52n1
Danish language, intonation in, 85, 86–87, 111–112, 167
 core linguistic function of intonation, 87
 cues to modality, 100
 default sentence accent, lack of, 90
 descriptions, previous, 85–86
 emphasis for contrast by reduction, 90–92
 empirical investigations of, 87–88
 extended model of, 102–103
 F0 pattern in stress group, 89
 final boundary tone, lack of, 92
 final lengthening, absence of, 92–94
 final rise in questions, lack of, 94–95
 focus by reduction, 90
 “high” in questions, lack of, 94–95
 intonation contours, utterance, 98–100
 longer utterances and prosodic boundaries, 100–102
 and meaning, 107–110
 methodology, 88
 modality, cues to, 100
 paucity of prosodic components in Danish, 88–89
 prominence, equal and unequal, 89–92
 and psychological reality, 110
 short utterances, modeling, 98
 speech, read and spontaneous, 110–111
 stressed syllables carry intonation contours, 95–98
 stress group, prosodic, 89
 subordination and superposition, 104–107
 and syntactic structure, 100
 and transcription, 108–110
Dankovica, J., 409
Dauer, R. M., 226, 238
Davidson, K. *See* del Giudice et al. (2007), 183
Dechongkit, S., 384
Declination, in AM model, 42
de Lacy, P., 192, 195n3
Delais-Roussarie, E., 152
del Giudice, Q., 183
De Looze, C., 141, 262, 272
de Moraes, J. A., 272
Demorest, S. M. *See* Pfordresher et al. (2015), 189, 196n17
den Os, E., 353
de Pijper, J. R., 219
Derksen, A. G. *See* Spaai et al. (1993), 262
Dermody, P. *See* Miller et al. (1992), 165
de Ruiter, J., 353
de Saussure, F., 8, 20n7, 314, 385, 407, 425, 427, 428
Diachronic explanations of cross-language patterns, 14–15
Díaz-Campos, M. *See* Beckman et al. (2002), 152
Di Cristo, Albert, 51, 117, 118, 125, 134, 137, 143, 145n6, 163, 196n13, 207, 262, 275
 See also Delais et al. (2015), 152; Rossi et al. (1981), 263, 275
Diehl, R. L., 184
Dilley, Laura C., 20n6, 30, 38, 40, 165, 171, 182, 184, 185–186, 187, 188, 189, 191, 275
 See also Breen et al. (2018), 194; Breen et al. (2012), 171, 189, 194, 196n11; Breen et al. (2014), 194; Miller et al. (1992), 165
D’Imperio, Mariapaola, 34, 37, 40, 43–44, 48, 183, 187, 189, 223
 See also Grice et al. (2005), 165, 168, 169; Loevenbruck et al. (2013), 292; Niebuhr et al. (2011), 299, 312
Dingemanse, M., 415
Diphones, 13–14, 20n6
Dobroth, K. M., 165
Dogil, G., 357, 364
 See also Barbisch et al. (2007), 358; Schweitzer et al. (2015), 366; Wade et al. (2010), 366
Doherty, G. *See* Anderson et al. (1991), 165
Douglas-Cowier, E., 396
Doupe, A. J., 396
Dombrowski, E., 287, 292, 301
Dowling, W. J., 184, 188, 196n17
Downstep, and AM model, 29, 34–35
Duality of patterning, 410, 427
Dupoux, E., 164
Dutch language, 31, 32, 33, 34, 36, 38, 40, 41, 42, 164, 217, 218, 247, 251, 290, 367
Dyhr, N. J., 110–111

- Eady, S. J., 399, 429
 Eckart, K., 353
 Edge tones, 28, 76
 Edlund, J., 291
 Edwards, Jan, 25, 39, 174n22, 242
 Egyptian Arabic language, 32
 Eide, E. M., 419
 Elordieta, Gorika, 28, 40
 See also D'Imperio et al. (2005), 37
 El Zarka, Dina. *See* Bruggeman et al. (2018), 72; Cangemi et al. (2016), 72
 Emphasis, 124, 305–306, 323
 Engdahl, E., 412
 Engelkamp, J., 288
 English Broadcast News Speech, 165
 English language, 249, 250
 bitonal accents in, 30, 31
 edge tones in, 28
 intonational encoding of focus in, 48–49
 intonational grammar of, 37
 intonational systems in, 46–48
 melodies in AM analysis, 26–27, 32
 number of levels in the prosodic hierarchy, 37
 nuclear contour units in, 36
 phonetic scaling for, 35
 secondary association of phrase accents in, 32, 34
 uptalk, across varieties of, 46
 Equivalent regular bandwidth (ERB), 52n1
 Eriksson, A., 238
 Escudero, David, 71
 Espesser, Robert, 51, 117, 118, 134, 262–263
 See also D'Imperio et al. (2007), 223
 Esteve-Gibert, N., 227
 Ewan, W. G., 221
 Exemplar theory, 365–367

 Face, T., 152
 Fant, Gunnar, 11, 184, 239, 293
 Farrar, Kimberley, 71, 343
 See also Grabe et al. (2000), 40, 44, 429
 Faulkner, Dan. *See* Ladd et al. (1999), 78
 Faulkner, Hanneke. *See* Ladd et al. (1999), 78
 Faure, G., 117, 145n1
 Fay, R., 188, 196n17
 Fedorenko, E., 195n3
 See also Breen et al. (2010), 193
 Feldhausen, I. *See* Delais et al. (2015), 152
 Féry, Caroline, 46, 65, 69, 193, 353, 361, 367

 Final lowering, 42
 Fischer-Jørgensen, Eli, 86, 89, 95
 Fiscus, J., 165
 Fisher, W. *See* Fiscus et al. (1998), 165
 Fitzroy, 192
 Flemming, Edward. *See* Beaver et al. (2007), 39, 46, 412, 416
 Fletcher, Janet, 30, 32, 40, 46, 50, 51, 77, 156, 165, 169, 242, 420
 See also Stirling et al. (2001), 165
 Fodor, J. D., 165, 173n14
 Fogerty, D., 194
 Foltz, A., 165, 166
 Fong, C. *See* Price et al. (1991), 154, 247
 Forchhammer, G., 85, 86
 Ford, K., 142
 Fougeron, Cécile, 38, 40, 216, 217, 218
 See also Keating et al. (2004), 216
 Fowler, C. A., 213, 225, 239
 Fox Tree, Jean E., 46, 292
 Frank, E., 369
 Frank, J. S. *See* Schmidt et al. (1979), 242
 Frazier, L., 219
 Freedland, M. B. *See* Burnett et al. (1998), 189
 Frota, Sónia, 30, 32, 69, 152, 169, 219
 Fuchs, Susanne, 32, 227
 Fujimura, O., 215
 Fujisaki, Hiroya, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 16, 19, 25, 26, 98, 125, 127, 135, 389, 391, 418
 See also Bell et al. (1961), 11, 12, 13
 Fujisaki model of prosody, 2–3, 8–11, 13, 19n3, 26–27
 and intonation, 26–27
 superposition in, 5–6
 synthesis of Japanese, 10–11
 and transcription, 19
 and typology, 15
 Fujitani, D. S., 184, 188
 Fundamental frequency (F0) contours, in models of prosody, 3, 4–5, 52n1
 and intonation, 25
 and typology, 15

 Gafos, A., 215, 227n1
 See also Brunner et al. (2014), 215
 Gallistel, C. R., 242
 Galván, A. *See* Rochet-Capellan et al. (2008), 227
 Gandour, J., 384
 Gao, M., 216, 221, 222, 223
 Garde, P., 276

- Gårding, E., 5, 98, 126–127
- Garding, Gina, 30, 40, 42, 418
- Garellek, M., 165
- Garofolo, J. *See* Fiscus et al. (1998), 165
- Garrod, S. *See* Anderson et al. (1991), 165
- Gaudinat, A. *See* Mertens et al. (2001), 261, 277, 282
- Gauthier, B., 401
- Gavornik, J. P. *See* Shouval et al. (2014), 242
- Gay, T. J., 384
- Gee, J. P., 154
- Geng, C. *See* Brunner et al. (2014), 215
- Gentner, D. R. J., 241
- Gerfen, C., 384
- German language, 33, 52n3, 134, 157, 218, 248, 249, 251, 290, 291, 292, 307, 308, 358, 364, 365, 367, 368, 413
- AM Tones and Break Indices (G-ToBI) system, 3, 151, 308, 354
- bilingual speakers of, 164
- and bitonal accents, 31
- emphasis in, 305
- Kiel intonation model developed for Northern Standard, 287, 288
- levels of sentence-final pitch, 168
- nuclear accent in, 412
- postlexical pitch accents in, 156
- pronuclear accents in, 48
- rise-fall contours in, 32
- secondary association of phrase accents in, 32
- tonal alignment in, 222
- tonal crowding in, 44
- upstep in, 35
- voiceless coda in, 71
- German, James, 39, 248, 412, 413
- Germanic languages
- North Germanic languages, 85
- West Germanic languages, 68, 69, 301, 353
- Gestures, 213–216, 227
- coordination of, 223–225
- π -gesture model, 216–220
- polysyllabic shortening and rhythm, 225–226
- tone gestures, 221–223
- Gibbon, Dafydd, 250
- Gibbon, J., 242
- Gibson, E., 195n3
- See also* Breen et al. (2018), 194; Breen et al. (2012), 171, 189, 194, 196n11; Dilley et al. (2006), 171, 275
- Gigi, E. F. *See* Spaai et al. (1993), 262
- Gili Fivela, Barbara, 34, 183, 187
- See also* Niebuhr et al. (2011), 299, 312
- Gilley, Leoma, 79, 242
- Glasberg, B. R. 52n1
- Glewwe, E., 15
- Glissando, 263–264
- Godfrey, J., 365, 368
- Godjevac, Svetlana, 42, 156, 172n6
- Goedemans, R., 364
- Goldinger, S. D., 364–365
- Goldman, J.-Ph., 272
- See also* Avanzi et al. (2010), 278fig7.6; Mertens et al. (2001), 261, 277, 282
- Goldsmith, John A., 29, 65, 78, 120, 127, 152, 153, 172n4, 182, 183, 184, 186, 187, 188, 190, 191, 195n2, 367
- Goldstein, Louis M., 29, 213, 214, 215, 224, 225, 226, 227, 228n4, 228n9, 237
- See also* Katsika et al. (2014), 223, 224, 225; Mücke et al. (2012), 216, 222; Nam et al. (2004), 215, 221; Nam et al. (2009), 215; Nam et al. (2008), 225, 226; Niemann et al. (2011), 222; Saltzman et al. (2008), 213, 220, 225, 226, 228, 237, 238
- Gooden, Shelome, 31, 32
- Goodman, D., 392
- Gordon, Matthew, 14, 37, 40, 157, 159
- Görs, K., 306
- Grabe, Esther, 35, 38, 40, 44, 46, 71, 251, 342–343, 344, 357, 420, 427, 429
- Graham, Calbert R., 41
- Granlund, C. *See* Nakai et al. (2012), 242
- Granström, B., 288
- Greek language, 26, 27, 30, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 42, 44, 46, 47, 48, 49, 51, 69, 78, 79, 80, 81, 151, 156, 157, 159, 160, 161, 164, 173n17, 182, 194, 208, 209, 210n1, 218, 223, 224, 248, 261
- Greenberg, S., 192, 409
- Grice, Martine, 7, 30, 31, 32, 33–34, 35, 40, 44, 46, 65, 66, 67, 69, 70, 71, 76–81, 151, 156, 165, 167, 169, 187, 248, 251, 266, 298, 253, 359, 361, 367, 368, 416
- See also* Bruggeman et al. (2018), 72; Cangemi et al. (2016), 72; Kügler et al. (2015), 295, 308; Niemann et al. (2011), 222
- Grønnum, Nina, 5, 85, 92, 98, 108, 110, 111
- Grosjean, F., 154

- Groundwork of English Intonation, The* (Kingdon), 329
- GRTToBI representations, 51
 melodies in AM analysis, 26–27
 notations for scaling in, 35
 scaling in, 42, 43
 secondary association of phrase accents in, 32, 33–34
 tonal crowding in, 44
- Grudin, J., 241
- Gryllia, Stella, 26, 27fig1.1, 35, 47
- Gu, Wentao. *See* Fujisaki et al. (2005), 4;
 Prom-On et al. (2016), 34
- Guardiano, C., 400
- Gubian, Michele, 81n1
- Guenther, F. H., 189
See also Patel et al. (2011), 189
- Guerti, M., 130
- Guion-Anderson, S., 399
- Gun-wok language, 151, 156, 162, 173n17
- Gussenhoven, Carlos, 25, 31, 32, 33, 36, 37,
 38, 41, 42, 46, 48, 77, 79, 174n21, 183,
 189, 251, 272, 273, 292, 338, 340, 344,
 345, 362, 367, 412, 429
- Gut, U., 164, 368
- Haken, H., 214
- Hain, T. C. *See* Burnett et al. (1998), 189
- Halle, Morris, 6, 11, 12, 15, 66, 119, 184,
 190, 191, 323, 409
- Hallé, P. A., 196n17
- Halliday, M. A. K., 117, 121, 124, 153, 253,
 290, 334, 335, 336, 341
- Hancock, P. A., 242
- Handbook of Phonetics* (Sweet), 323
- Hannon, E. E., 188
- Hanson, H., 216
- Hanssen, J., 429
- Hardcastle, W. J., 216
- Harrington, J., 165
See also Miller et al. (1992), 165
- Hart, John, 322
- Harwood, D. L., 196n17
- Hasegawa-Johnson, M., 163, 369
See also Yoon et al. (2004), 368, 369
- Haspelmath, Martin, 50
- Hat pattern, 302
- Hawkins, B. *See* Schmidt et al. (1979), 242
- Hayes, B., 172n3, 191, 192, 415
- Hazeltine, R. E., 242
- Heffner, 183, 187, 192
- Heger, S., 89
- Heinz, M. *See* Bell et al. (1961), 11, 12, 13
- Heldner, M., 272
- Hellmuth, Sam, 31, 32, 39, 69
- Herman, Rebecca, 42
- Hermes, A., 215
See also Mücke et al. (2012), 216, 222
- Hermes, D. J., 52n1, 262
- Hickok, G., 189
- Hidden Markov modeling, 36
- Hiller, S. M., 238
- Hindi language, 65
- Hirschberg, Julia, 8, 26, 27fig1.1, 28, 37, 39,
 40, 46–48, 51, 68, 71, 151, 154, 159,
 166, 172n4, 182, 205, 223, 247, 249,
 251, 252, 253, 290, 291, 353, 385, 395,
 401, 409, 414, 415, 427
See also Beckman et al. (2005), 154;
 Silverman et al. (1992), 50, 117, 136,
 137, 151, 247, 338, 414, 418, 427;
 Syrdal et al. (2001), 368
- Hirose, H., 221
- Hirose, Keikichi, 2, 3, 9, 10, 98, 418
- Hirst, Daniel, 12–13, 51, 117, 118, 119, 120,
 123, 124, 125, 130, 134, 135, 136, 137,
 139, 141, 143, 145, 163, 196n13, 207,
 262, 263, 272, 275, 379
See also Rossi et al. (1981), 263, 275
- Hitchcock, L., 192
- Hjelmlev, L., 86
- Hockett, Charles F., 8, 427, 428
- Hoekstra, J., 183, 196n12
- Holliday, Nicole, 71
- Holliman, E., 365
- Holm, B., 385, 389
- Holmes, Frederika. *See* Ashby et al. (1995),
 249
- Hombert, J.-M., 221, 384
- Honda, Kiyoshi, 42
- Honorof, D. N., 183, 209, 274
- Hoole, P., 216, 218, 230
See also Bombien et al. (2010), 216, 218
- Hoskins, Steven, 38
- House, D., 183, 189, 263, 264, 267, 291,
 311, 364
- House, Jill, 429
- Høysgaard, J. P., 85
- Hsieh, F.-Y., 222, 223
- Hsu, C., 388
See also Keating et al. (2004), 216
- Hualde, José Ignacio, 29, 43, 50, 52, 77,
 167, 168, 169, 170, 183, 185
- Huang, T. *See* Peng et al. (2005), 156, 159,
 166
- Huggins, A. W. F., 225

- Hume, E. *See* Pitt et al. (2005), 165
- Human Communication Research Center (HCRC), 165
- Hungarian language, 33, 34, 46
- Hunnicut, S., 288
- Hussain Shuler, M. G. *See* Shouval et al. (2014), 242
- Hutchins, S., 189
See also Pfordresher et al. (2015), 189, 196n17
- Hwang, H. K., 429
- Hyman, Larry M., 14, 49, 50, 53n5, 187, 191, 384
- Ide, N., 134
- Idsardi, W., 190, 191
- Igarashi, Y. *See* Maekawa et al. (2002), 182
- Iivonen, A., 127
- Indjieva, E., 152
- Inkelas, Sharon, 20n6, 191
- Instituut voor Perceptie Onderzoek (IPO), 263
- Intermediate phase (ip), 152
- International Phonetic Alphabet (IPA), and prosodic models, 16–19
- International Prosodic Alphabet, 18
- International Transcription System for Intonation (ITSINT), 51, 117, 141
mapping from Momel to, 139–140
- Interpolation, and phonetic implementation in AM model, 43–44
- Interval tier, 155
- Intonation, phonological and non-phonological models of, 3
as an aspect of AM model, 25–26
defined, 25
and meaning, 8, 46–48
- Intonational meaning, 46–48
- Intonational phase (IP), 152
- Intonational typology, 48–50
- Intonation Curves* (Jones), 325
- Intrinsic micro-prosody, 265
- IPA, and prosodic models, 16–19
- Ipek, C., 429
- Isard, S. *See* Anderson et al. (1991), 165
- IsiZulu language, 139
- Italian language, 34, 39, 40, 43, 48, 71, 134, 138, 165, 169, 222
- Ironic prosody, 46
- Ito, J., 426
- Ito, K., 165
- Iversen, J. R., 273
- Ivry, R., 242
- Jacobson, R. *See* Glewwe et al. (2018), 15
- Jaeger, T. Florian. *See* Beaver et al. (2007), 39, 46, 412, 416
- Jakobson, Roman, 20n7, 184
- Jamaican Creole language, 31, 32
- Jannedy, S. *See* Kügler et al. (2015), 295, 308
- Japanese language, 3, 9, 12, 33, 48, 49, 127, 288, 385, 408, 415, 416, 418, 419, 420
accent and phrase commands in, 4
final lowering in, 42
and the Fujisaki model, 10–11
fundamental frequency contours, in models of prosody, 5–6
intonational typology and, 49
metrical structure of, 37
and secondary association of phrase accents, 33
synthesis of, 10
ToBI representation for, 51, 52n2, , 151, 153, 155, 156, 158, 159, 160, 161, 163, 164, 165, 173n12, 248
underspecification in, 44
- Jarvis, E., 396
- Jarzabkowska, P. *See* Niebuhr et al. (2012), 292, 308
- Jaskula, Marek, 26, 35, 39, 44–45
- Jassem, W., 117, 121–123, 124, 272
- Jensen, C., 85, 110
- Jerndorff, P., 85, 86, 91–92, 95
- Jespersen, Otto, 86
- Jesus, M. T., 318
- Jilka, M., 357
- Johnson, K., 357
See also Pitt et al. (2005), 165
- Jones, Daniel, 290, 305, 325
- Jones, L. A., 242
- Jones, M. R., 188, 195n6, 196n17
- Jun, Sun-Ah, 25, 30, 31, 32, 37, 40, 48–49, 50, 51, 64, 65, 71, 77, 110, 117, 151, 156, 159–160, 162, 163, 164–166, 169, 172n1, 172n2, 172n3, 173n12, 183, 184, 185, 194, 213, 216, 218, 225, 367, 420
See also Delais et al. (2015), 152
- Jurafsky, D. *See* Calhoun et al. (2010), 353, 365
- Kainada, Evia, 40
See also Baltazani et al. (2015), 47, 48
- Kalbertodt, Janina, 69
- Kamen, R. S., 396
- Kaminskaia, S., 272
- Kanté, M., 124

- Karlsson, Anastasia, 28, 37, 163
 Katsika, Argyro, 37, 77, 79, 81, 218, 223, 224–225, 227
 Katsumata, H., 241
 Katz, J., 193, 429
 Kaufmann, Stefan, 39, 412, 413
 Kaun, Abigail. *See* Byrd et al. (2000), 38, 213, 216
 Kawahara, Shigeto, 50
 Keane, Elinor, 37
 Keating, Patricia A., 38, 183, 209, 216, 217, 218, 230, 418
 Kelly, A., 388, 401
 Kelly, N. E. 265
 Kelso, J. A. S., 214, 221, 382
 Kennedy, C., 413
 Kenworthy, J., 166, 329
 Kerkhoff, Joop. *See* Gussenhoven et al. (2003), 251
 Kerzel, D. *See* Mechsner et al. (2001), 382
 Khan, Sameer ud Dowla, 37, 51, 152, 156
 Kiel Corpus of Spontaneous Speech, 298
 Kiel Intonation Model (KIM), 287–288, 293, 313
 concatenation contour, 302–303
 emphatic intonation, 304–308
 further developments in, 309–313
 history of, 288–290
 methodological guideline, 290–292
 perception experiments, 292
 phase-final contour, 303–304
 phase-initial contour, 297
 phonological elements, 293
 pitch-accent contour, 297–301
 prominence levels, 293–295
 tune structure and phrase boundaries, 295–297
 working with, 308–309
 Kiesling, S. *See* Pitt et al. (2005), 165
 Kikuchi, H. *See* Maekawa et al. (2002), 182
 Kilbourn-Ceron, Oriana, 71
 Kim, H. *See* Hasegawa-Johnson et al. (2005), 369
 Kim, Keeho. *See* Jun et al. (2000), 71
 Kim, S.-S. *See* Hasegawa-Johnson et al. (2005), 369
 Kim, B., 166, 170
 Kinetic tones, 329–330
 King, S. *See* Taylor et al. (1999), 357
 Kingdon, Roger, 117, 142, 253, 329–331
 Kipare language, final lowering in, 42
 Kiparsky, Paul, 14, 249
 Kirsch, A., 309
 Kjelgaard, M. M., 165
 Klatt, D. H., 154, 225
 Kleber, F., 288
 Klouda, G. V. *See* Eady et al. (1986), 399
 Knight, Rachel-Anne, 44, 183, 189
 Knoblich, G. *See* Mechsner et al. (2001), 382
 Koch, G. G., 370n7
 Kochanski, G., 418, 427
 Koenig, Laura L. *See* Fuchs et al. (2015), 32
 Kohler, Klaus J. 287–290, 291–292, 294, 295–296, 297, 298, 300, 301, 302, 303–304, 305–306, 308, 310, 353, 367
 Kohonen, T., 401
 Koike, C., 165
 Kollmeier, B., 356
 Korean language, 65, 77, 135, 136, 139, 151, 155, 158, 160, 161, 163, 164, 166, 172n2, 217, 218
 intonational encoding of focus in, 48–49
 K_ToBI representations, 51
 metrical structure of, 37
 multitonal combinations of edge tones in, 31
 and pitch accents, 37
 Kraemer, J. *See* Breen et al. (2012), 171, 189, 194, 196n11; Dilley et al. (2006), 171, 275
 Krahmer, Emiel, 39, 69, 227
 Krakow, Rena Arens, 215, 417
 Kreiman, J., 239
 Krifka, M., 193
 Kristoffersen, G.
 Krivokapić, J., 216, 217, 218, 219, 220, 224, 225, 237, 238, 24
 See also Katsika et al. (2014), 223, 224, 225; Nam et al. (2008), 225, 226; Saltzman et al. (2008), 213, 220, 225, 226, 228, 237, 238
 Kruckenberg, A., 239, 293
 Krüger, Martina, 71
 Krumhansl, C. L., 197
 Kudela-Dobrogowska, K., 272
 Kügler, Frank, 46, 69, 295, 308, 353, 429
 Kuhl, P. K., 396, 401
 Kühnert, B. *See* Bombien et al. (2010), 216, 218
 Kunnari, Sari. *See* Nakai et al. (2009), 38, 242; Nakai et al. (2012), 242
 Kuo, G., 170

- Laboissière, R. *See* Rochet-Capellan et al. (2008), 227
- Lacerda, F., 365, 266
See also Kuhl et al. (1992), 401
- Lacheret-Dujour, A.
- Ladd, D. Robert, 3, 4, 8, 15, 19n4, 25, 26, 27, 28, 29, 30, 31, 32, 33–34, 35, 36–37, 38, 39, 40, 41, 42, 43, 44, 48, 50, 52, 65, 71, 76, 77, 78, 81, 87, 104, 120, 151, 152, 154, 157, 164, 166, 167, 182, 183, 187, 191, 192, 194, 196n14, 208, 213, 219, 222–223, 247, 248, 250, 251, 252, 266, 272, 274, 276, 291, 291, 295, 320–321, 336, 338, 339, 346n7, 352, 367, 368, 384, 395, 412, 416, 430
See also Grice et al. (2000), 7
- Ladefoged, Peter, 15, 20n9
- Ladusaw, William A., 20n10
- Lahiri, A., 415
- Lambrecht, K., 111
- Landgraf, R., 287, 292, 306
- Laniran, Yetunde O., 42, 384
- Langston, A. *See* Brugos et al. (2019), 19
- Large, E. W., 195n6
- Larson, C. R. *See* Burnett et al. (1998), 189; Chen et al. (2007), 89
- Latash, M. L., 382
- Leading tone, 153
- Lebanese Arabic language, 32
- Leben, William R., 65, 158, 172n4, 191
- Lee, Albert. *See also* Xu et al. (2015), 25, 29, 40, 44, 402; Xu et al. (2013), 401
- Lee, C.-Y. 183, 184
- Lee, E. K., 164, 165, 170
- Lee, O. J. *See* Peng et al. (2005), 156, 159, 166
- Lee, K. S. *See* Syrdal et al. (2000), 368
- Lee, Sook-hyang. *See* Jun et al. (2000), 71
- Lee, Yong-Ju. *See* Jun et al. (2000), 71
- Lefkowitz, L. M., 242
- Lehiste, I., 154, 225
- Lengeris, Aggelos. *See* Baltazani et al. (2015), 47, 48
- Leonard, T., 241
- Lieberman, Mark Y., 19n4, 42, 65, 107, 120, 152, 154, 172n4, 182, 184, 185, 388, 408, 416, 418
- Lickley, Robin, 34, 40, 41, 164
- Lindblom, B. *See* Kuhl et al. (1992), 401
- Lindqvist, J., 12
- Lintfert, B., 369
- Litman, Diane, 414, 415
- Liu, Fang, 8
See also Xu et al. (2015), 25, 29, 40, 44, 402
- Liu, H. *See* Chen et al. (2007), 89
- Liu, X. *See* Xu et al. (2013), 401
- Loakes, Debbie. *See* Fletcher et al. (2016), 77
- Local, John, 79
- Locke, J. L., 396
- Loevenbruck, Hélène, 40, 292
See also D’Imperio et al. (2007), 223
- Lohfink, Georg, 77, 79, 80fig1r.2, 81
- Longobardi, G., 400
- Lorenz, U. *See* Niebuhr et al. (2012), 292, 308
- Lotts, D. W. *See* Eady et al. (1986), 399
- Loucks, T. M., 189
- Loui, P. *See* Pfordresher et al. (2015), 189, 196n17
- Lund, J., 85
- Lupyan, G. *See* Dingemanse et al. (2015), 415
- Lützen, Peter H., 85
- MacNeilage, P. F., 415
- Macromelody, 127–130
profiles, 130
- Macro-rhythm, 49
- McAuley, J. D., 194
See also Breen et al. (2014), 194; Miller et al. (1992), 165
- McCarthy, John, 19n3, 195n6
- McClellan, M., 216
- McDaniel, J., 365, 368
- McGory, J. T., 164, 368, 369
See also Beckman et al. (2002), 152; Syrdal et al. (2001), 368
- McGowan, R. S., 221
- McQueen, J., 217, 218
- Maday, K., 165
- Maeda, Shinji, 42
- Maekawa, Kikuo, 172n7
- Maghbouleh, A., 135–136
- Mahrt, T., 170
- Makashay, M. J. *See* Syrdal et al. (2000), 368
- Maltese language, 65, 66, 67, 68, 76, 77
- Mandarin Chinese language, 4, 124, 399
- Maneewongvatana, S. *See* Chuenwatt-anapranithi et al. (2008), 388, 401
- Manfredi, V., 192
- Map Task (HCRC), 165
- Marin, S., 215
- Marjorie, C. *See* Peng et al. (2005), 156, 159, 166

- Martin, P. *See* Rossi et al. (1981), 263, 275
- Martinet, André, 8
- Maskikit-Essed, Raechel, 77
- Matthies, M. L., 241
- Mattys, S., 194
- Mayer, Jörg, 354, 357, 358, 359, 361, 366–367
See also Grice et al. (1996), 248, 251, 368
- Mayo, Catherine, 71, 151, 251, 368
- Mayo, N. *See* Calhoun et al. (2010), 353, 365
- Mechsner, F., 382
- Meir, I., 415
See also Sandler et al. (2011), 8
- Meltzoff, A. N., 196
- Menezes, C. *See* D’Imperio et al. (2007), 223
- Menn, Lise, 42
- Mennen, Ineke, 29, 30, 33, 34, 40, 41, 44, 77, 78, 157, 164, 182, 192, 194
- Merchant, H. W., 242
- Mertens, Jane, 69
- Mertens, P., 189, 261, 262, 263–264, 267, 270, 272, 273, 274, 275, 276, 277
- Mester, A., 416
- Metrical structure, 37–39
- Micromelodic effects, 125–127
- Micromelody, 127–130
- Microprosody, 87
- Micro-rhythm, 49
- Mikkelsen, K., 86
- Miller, J., 165
- Minnett, J. *See* Peng et al. (2012), 183
- Minus accent, 301
- Miscellaneous tier, 161
- Mitterer, H. *See* Dingemanse et al. (2016), 415
- Mixdorff, Hans-Jörg, 3, 10, 19, 20n5, 135, 310
- Mo, Y., 163, 170
- Möbius, B., 98, 293, 353, 356, 368, 369
See also Barbisch et al. (2007), 358;
 Schweitzer et al. (2015), 366; Wade et al. (2010), 366
- Model-based parametric representation, 430
- Möhler, G., 351, 357, 358, 369
- Momel, 133–136
- Monelle, R., 184
- Moore, Brian, 52n1
- Mooshammer, C., 218, 220
See also Bombien et al. (2010), 216, 218;
 Katsika et al. (2014), 223, 224, 225
- Monaghan, P. *See* Dingemanse et al. (2015), 415
- Mongolian language, 29, 37, 152, 158, 163, 172n2
- Moreton, Elliott, 14–15
- Morgan, T. A. *See* Beckman et al. (2002), 152
- Morrill, T., 194
See also Miller et al. (1992), 165
- Morton, R., 336
- Moulton, William G., 249
- Mücke, D., 216, 222, 228n8
See also Niemann et al. (2011), 222
- Mueller, P. R., 399, 429
See also Eady et al. (1986), 399
- Mulac, A., 192
- Müller, F., 308
- Munhall, K. G., 213, 221, 237
- Mushin, I. *See* Stirling et al. (2001), 165
- Myers, Scott, 40, 195n9, 196–197n18
- Nagashima, S., 9
- Nakai, Satsuki, 38, 79, 80fig1r.2, 242
- Nakatani, L. H., 225
- Nam, Hosung, 213, 214, 215, 221, 226, 227, 237
See also Goldstein et al. (2009), 224;
 Mücke et al. (2012), 216, 222; Niemann et al. (2011), 222; Prom-On et al. (2016), 34; Saltzman et al. (2008), 213, 220, 225, 226, 228, 237, 238
- Narayanan, Shri, 369
See also Byrd et al. (2000), 38, 213, 216;
 Byrd et al. (2009), 215
- Nash, R., 292
- Nature and natural in phonetics, 14–15
- Navarrete, E. *See* Dupoux et al. (2008), 164
- Nespor, Marina, 38, 120, 152, 154, 172n3, 173n13
- Newell, K. M., 242
- Newman, D., 305
- Nguyen, N. *See* D’Imperio et al. (2007), 223
- Nibert, Holy, 42
- Ní Chasaide, Ailbhe, 40
- Nichols, J., 400
- Nicolas, P., 263
- Niebuhr, Oliver, 25, 39, 48, 69, 183, 189, 196n12, 291, 292, 295, 297, 298, 299, 300, 301, 302, 306, 307, 308, 309, 310, 311, 312
See also Kügler et al. (2015), 295, 308
- Niemann, Henrik, 222
See also Grice et al. (2017), 71
- Nieminen, T., 226, 238
- Nikolaidis, Katerina. *See* Baltazani et al. (2015), 47, 48

- Ning, L. H., 189
- Nishinuma, Y. *See* Rossi et al. (1981), 263, 275
- Niziolek, C. *See* Patel et al. (2011), 189
- Noble, L., 388, 401
- Nolan, Francis, 44, 51, 52n1, 71, 76, 183, 262, 342, 343, 346n7
See also Grabe et al. (2000), 40, 44, 429
- Nooteboom, S., 125–126
- Nord, L., 239
- Nucleus, in AM, 36, 48
- O'Brien, M., 164
- O'Connor, J. D., 46, 117, 142, 290, 324, 331–333, 334, 335, 336, 340
- O'Connor, K., 225
- O'Connor, R. J., 184
- Odden, D., 184, 190
- O'Dell, M. L., 226, 238
- Oh, M., 164
- Ohala, John, 46, 221
- Öhman, S. E. G., 12, 98
- Ohno, S., 5, 16
See also Fujisaki et al. (2005), 4
- Ohta, K., 98
- Oliveira, Pedro, 177
See also Frota et al. (2015), 152
- Oller, K. D., 216
- Omlæggetone*, 85
- Optimality theory, 14
- Orlikoff, R. F., 262
- Ortega-Liebaria, M., 169
- Osgood, C. E., 292
- Ostendorf, Mari, 36, 38, 165, 353, 412
See also Price et al. (1991), 154, 247; Silverman et al. (1992), 50, 117, 136, 137, 151, 247, 338, 414, 418, 427; Wightman et al. (1992), 54, 247
- Oxenvad, E., 85, 86
- Paccia-Cooper, P., 154, 220
- Padden, C. *See* Meir et al. (2013), 415; Sandler et al. (2011), 8
- Padget, J., 416
- PaIntE model of intonation, 351–352, 376–370
and intonation research, 363–367
parameters, 352–358
and prosodic categories, 358–363
- Pallet, D. *See* Fiscus et al. (1998), 165
- Palmer, Harold E., 117, 153, 253, 326–329, 330, 331, 334, 337, 346n5
- Patel, A. D., 184, 188, 272
- Patel, R., 189
- Pater, Joe, 15
- Patil, U., 429
- Pearson, D. M., 396
- Peng, G., 183
- Peng, S. H., 156, 159, 166, 398
- PENTA model, 377, 408–410, 420–421, 425–428, 431
broader significance, 391–394
and cognition, 396–397
and computational modeling, 394–396
conceptual framework, 377–388
controlled experiments, 428–430
economy of representation, 430–431
encoding schemes as prosophemes in, 400–401
generalization, 418–420
and intonation, 26–27
and perception, 401
and phonology, 397–399
phonology and phonetic realization, 415–418
and prosodic typology, 399–400
as a research tool, 388–391
and semantics versus phonology, 410–415
and tonal crowding, 45
- Peperkamp, S. *See* Dupoux et al. (2008), 164
- Peretz, I., 189
- Perkell, J. S., 241
- Perlman, M., 197n19
- Peters, Benno, 287, 288, 301, 303, 308
- Peters, Jörg, 48, 367, 429
- Petersen, N. R., 102
- Petkov, C. I., 396
- Petrone, Caterina, 40, 48, 69, 291
See also Fuchs et al. (2015), 32
- Pfützinger, P., 310
- Pfordresher, P. Q., 189, 196n17
- Phonetic categories, and transcription, 16–19
- Phonetic implementation, and prosodic models, 9–10
in AM model, 39–45
and phonetic variability, 77–79
- Phonetic representation, 118–119, 125–136
- Phonological model of prosody, 3–7
and diphones, 13–14
- Phonology
and prosodic theory, 1
and psychological reality, 15–16
- Piccinini, A., 79

- Pierrehumbert, Janet, 7, 8, 25, 28, 29–30, 31, 32–33, 34–36, 37, 38, 39, 40, 41–42, 43, 44, 46–48, 51–52, 65, 68, 76, 78, 107, 120, 143, 152, 158, 159, 166, 172n4, 182, 184, 185, 186, 187, 188, 189, 192, 193, 194, 195n9, 196n10, 196n14, 204–205, 206, 207, 219, 247, 250–251, 331, 338, 350, 351, 353, 365–366, 379, 385, 395, 396, 397, 401, 408, 409, 411, 412, 413, 414, 416, 417, 418, 419, 420, 425, 427, 428, 429, 430
See also Silverman et al. (1992), 50, 117, 136, 137, 151, 247, 338, 414, 418, 427
- Pike, Kenneth, 34, 52–53n4, 142, 143, 225, 249, 274
- Pitch course, 87
- Pitch level and pitch span, in AM model, 41
- Pitch range, 271–272
- Piterman, Michel, 43–44
- Pitrelli, John, 71, 247, 252, 368, 419
See also Silverman et al. (1992), 50, 117, 136, 137, 151, 247, 338, 414, 418, 427
- Pitt, M. A., 165
See also Miller et al. (1992), 165
- Poiré, F., 272
- Polish language, 26–27, 35, 39, 44, 45
- Polysyllabic shortening, 225–226
- Popper, A., 188, 196n17
- Port, R., 214, 225, 226
- Portuguese language, 30–31, 32, 63, 152
- Post, Brechtje, 51, 71, 342, 420
See also Delais et al. (2015), 152; Grabe et al. (2000), 40, 44, 429
- Postfocus compression (PFC), 399
- Postlexical prosodic events, 48–49
- Pouplier, M., 215, 227–228n1
See also Goldstein et al. (2009), 224
- Prado, L., 242
See also Merchant et al. (2008), 242
- Prieto, Pilar, 36, 154, 165, 247, 353
See also Silverman et al. (1992), 50, 117, 136, 137, 151, 247, 338, 414, 418, 427; Wightman et al. (1992), 54, 247
- Prieto, Pilar, 26, 31, 34, 39, 40, 42, 43, 44, 47, 50, 52, 60, 77, 78fig1r.1, 79, 152, 168, 169, 169, 183, 185, 187, 205, 223, 227, 248
See also D'Imperio et al. (2005), 37; Escudero et al. (2012), 71
- Primer of Phonetics* (Sweet), 323
- Prince, Alan, 14, 15, 38, 120
- Prinz, W. *See* Mechsner et al. (2001), 382
- Proctor, M., 216
- PROLAB, 288
- Prom-on, Santitham, 8, 44, 382, 384, 385, 388, 389, 390, 391, 394, 398, 399, 401, 408, 409, 410, 411, 413, 414, 415, 416, 417, 419, 420, 428, 430, 431
See also Liu et al. (2013), 22; Liu et al. (2013), 8, 382, 387, 390, 391, 399, 400, 428, 429, 430; Xu et al. (2015), 25, 29, 40, 44, 402
- Prosodic licensing, 415
- Prosodic Systems and Intonation in English* (Crystal), 336
- Prosogram model for pitch stylization, 259–262, 280–282
- intonation, automatic symbolic transcription of, 276–280
- pitch level and movement, transcription of, 273–276
- prosodic features obtained during stylization, 271–273
- stylization algorithm, 266–271
- and a tonal perception model, 262–263
- and tonal perception, 263–266
- Prosopemes, 400, 401
- ProZed, 141
- Pruitt, K., 414
- Przybocki, M. *See* Fiscus et al. (1998), 165
- PSOLA resynthesis, 133–134
- Psychology, and prosodic theory, 2, 15–16
- Pullum, Geoffrey K., 20n10
- Quarmby, Louise May. *See* Ladd et al. (2009), 40, 78
- Quinn, J. T. *See* Schmidt et al. (1979), 242
- Quirk, R., 336
- Rahmani, H., 401
- Rakerd, B., 225, 249
- Ramanarayanan, V.
- Rapid prosody transcription system (RPT), 170
- Rapp, S., 188, 353, 396
- RaP prosodic transcription system, 188–195, 207–210
- Rathcke, Tamara, 44, 69, 71, 287
- Rauzy, S., 136
- Raymond, W. *See* Pitt et al. (2005), 165
- Reciprocal property, 190
- Redi, Laura, 26
- Reed, Paul, 71
- Refice, Mario, 70–71

- Reichel, Uwe D. *See* Fuchs et al. (2015), 32
- Reilly, K. *See* Patel et al. (2011), 189
- Reinisch, E. *See* Dingemanse et al. (2016), 415
- Remijsen, Bert, 40, 79, 242
- Reverse tone (Danish), 85
- Reyelt, Matthias. *See* Grice et al. (1996), 248, 251, 368
- Rhythm units, 121–124
- Rialland, Annie, 46, 400, 415, 420
- Rice, Keren D., 192
- Ridouane, Rachid, 40, 46, 65
- Riester, A., 353
- Rietveld, Toni, 42, 46, 271, 272, 292, 362
See also Gussenhoven et al. (2003), 251
- Riggs, D., 223, 224, 225
- Rischel, J., 89
- Rise/fall/connection (RFC) model of intonation, 134
- Ritchart, Amanda, 46
- Ritter, Simon, 32, 310
See also Grice et al. (2017), 71
- Rochet-Capellan, Amélie, 227
See also Fuchs et al. (2015), 32
- Roelofsen, F., 414
- Roettger, Timo B., 40, 46, 65, 66, 67, 71
See also Grice et al. (2017), 71
- Röhr, C., 353
- Romanian language, 33, 46
- Romanzi tier, 156
- Rooth, M., 411
- Roseano, P., 169
- Rosenbaum, D. A., 252, 417
- Rosenberg, A., 368
- Rosenberg, J. C., 273
- Ross, Ken, 38, 412
- Rossi, M., 263, 265, 266, 275
- Rump, H. H., 429
- Rusaw, E., 223, 224, 228n10
- Russell, D. M., 241
- Russian language, 11, 12, 44, 71, , 124, 139, 174n21, 249, 409
- Rutkowski, J. *See* Pfordresher et al. (2015), 189, 196n17
- Sag, Ivan, 19n4
- Salihie, M. *See* del Giudice et al. (2007), 183
- Saltzman, Elliott, 38, 213, 214, 215, 216, 217, 218, 220, 221, 225, 226, 227, 238, 242
See also Byrd et al. (2009), 215; Goldstein et al. (2009), 224; Goldstein et al. (2009), 224; Nam et al. (2004), 215, 221; Nam et al. (2009), 215; Nam et al. (2008), 225, 226
- Sanderman, A. A., 219
- Sanders, L. D. *See* Breen et al. (2014), 194; Breen et al. (2010), 193
- Sandler, W., 8
See also Meir et al. (2013), 415
- Sapir, E., 15
- Saussure, 20n7, 289, 385, 425, 427, 428
- Savino, Michelina, 70, 71, 165
See also Grice et al. (2005), 165, 168, 169
- Säuberlich, B. *See* Barbisch et al. (2007), 358
- Scaling, and AM model, 29, 34–35
and phonetic implementation in AM model, 41–43
- Schafer, A., 165
- Scheffers, M. T. M., 262
- Schepman, Astrid, 30, 34, 40, 41, 43, 78, 164, 183, 187, 192, 353
See also Ladd et al. (1999), 78; Ladd et al. (2009), 40, 78
- Schmidt, R. A., 252
- Schroeder, B., 295
- Schroeter, J. *See* Syrdal et al. (2000), 368
- Schuerman, W. *See* Dingemanse et al. (2016), 415
- Schuh, 187
- Schulz, C. *See* Niebuhr et al. (2012), 292, 308
- Schütze, H. *See* Schweitzer et al. (2015), 366; Wade et al. (2010), 366
- Schwartz, J. L. *See* Rochet-Capellan et al. (2008), 227
- Schwarzschild, R., 412, 413
- Schweitzer, A., 253, 364–365, 366, 368, 369
See also Barbisch et al. (2007), 358; Schweitzer et al. (2015), 366
- Schweitzer, K., 365, 366–367
- Scobbie, James M., 79, 80fig1r.2
- Scott, D., 154
- Searle, J., 195n3
- Sebastián-Gallés, N. *See* Dupoux et al. (2008), 164
- Secondary association, 32–34
- Segmental anchoring, 40
- Selkirk, Elisabeth O., 37, 38, 46, 71, 120, 152, 154, 172n3, 193, 220, 429
- Semjen, A., 241
- Sennett, W., 225, 239
- Serbo-Croatian language, 151, 157, 163, 172n6
- Seyfarth, R. M., 8
- Shaffer, L. H., 241

- Shafraan, I. *See* Ostendorf et al. (2001), 165
- Shannon, C. E., 197
- Sharpe, V., 194
- Shattuck-Hufnagel, Stefanie, 36, 38, 51, 71, 151, 154, 165, 166, 167, 170, 172n4, 174n21, 182, 205, 210, 213, 216, 223, 224, 225, 238, 240, 243, 247, 249, 251, 353, 412
See also Barnes et al. (2010), 34; Barnes et al. (2012), 43, 72, 182, 183, 189; Barnes et al. (2013), 43; Barnes et al. (2014), 266; Beckman et al. (2005), 154; Brugos et al. (2008), 162; Ostendorf et al. (2001), 165; Price et al. (1991), 154, 247; Wightman et al. (1992), 54, 247
- Shaw, Jason A., 50
- Shi, R., 401
- Shih, Chilin, 20n6, 42, 189
- Shilluk language, 40
- Shimron, J., 195n6
- Shosted, R. *See* del Giudice et al. (2007), 183
- Shouval, H. Z., 242
- Shue, Y.-L., 429
- Sichel-Bazin, Rafèu, 47
- Siegel, J. A., 196n17
- Siegel, W., 196n17
- Silverman, Kim, 36, 40, 41, 44, 50–51, 117, 136, 137, 151, 223, 247, 338, 384, 414, 417, 418, 427
- Šimko, J., 239
- Simon, A. C., 272, 367
See also Avanzi et al. (2010), 278fig7.6; Goldman, Auchlin, et al. (2007), 272
- Simpson, Adrian P., 79
- Singer, Ruth, 242
See also Fletcher et al. (2016), 77
- Sityaev, D., 429
- Slope changes, 193–194
- Smalley, W. A., 275
- Smiljanic, Rajka, 40, 365
- Millie, C., 388, 401
- Smith, Henry Lee, 34, 206, 408
- Smolensky, Paul, 14, 15
- Smolibocki, B. *See* Kügler et al. (2015), 295, 308
- Snedeker, J., 165, 219
- Sneedorff-Birch, F., 85
- Snider, K., 191
- Sodigov, F. *See* Niebuhr et al. (2012), 292, 308
- Sonderegger, Morgan, 71
- Sorensen, J. M., 362
- Sotiropoulou, S. *See* Brunner et al. (2014), 215
- Southard, D. L., 382
- Spaai, G. W. G., 262
- Spanish language, 37, 39, 40, 42, 47, 49, 69, 70, 71, 77, 134, 139, 157, 168, 169
- Spectral stability hypothesis, 263
- Speer, S. R., 165, 166
See also Schafer et al. (2000), 165
- Spencer, R. M., 241, 242
- Spini, M. *See* Loevenbruck et al. (2013), 292
- Sproat, R., 215, 253
- Sridhar, V. K. R., 369
- Stackhouse, Rebekah. *See* Ladd et al. (2009), 40, 78
- Steedman, Mark, 47, 253
See also Calhoun et al. (2010), 353, 365
- Steele, J., 322–323, 324fig9.1, 325, 339, 346n3
- Steele, S. A., 189
- Stelmach, G. E., 241
- Stevens, Kenneth N., 11, 12, 216, 385
See also Bell et al. (1961), 11, 12, 13; Kuhl et al. (1992), 401
- Stirling, L., 165
- Stoakes, Hywel. *See* Fletcher et al. (2016), 77
- Storm, A. *See* Spaai et al. (1993), 262
- Strangert, E., 308
- Streeter, L. A., 416
- Stress foot, 121
- Strom, V. *See* Syrdal et al. (2000), 368
- Strömbergsson, S., 291
- Strunk, Klaus, 71
- Stylianou, Y. *See* Syrdal et al. (2000), 368
- Stylization, 262–263
- Suci, G. J., 292
- Sun, X., 139, 379, 401, 429
- Sundberg, J., 379
- Suomi, Kari. *See* Nakai et al. (2009), 38, 242; Nakai et al. (2012), 242
- Superposition, in the Fujisaki model, 5–6, 98
- Suprasegmentals, 25
- Swadesh, M., 427
- Swedish language, 32, 85, 88, 89, 90, 92, 94, 98, 111, 158, 238, 291, 285, 417, 420
See also Danish language, intonation in Sweet, H., 323–326, 337
- Swerts, Marc, 39, 69, 219, 227
- Synthesis
 and phonetic implementation, 9–13
 quality of, as criterion for model choice, 13–14
- Syrdal, A.K., 378, 379

- Tabain, M., 216
- Taheri-Ardali, M., 401
- Tamil language, metrical structure of, 37
- Tannenbaum, P. H., 292
- Tashlhiyt Berber language, 40, 46, 65, 66, 67, 68
- Task Dynamics application model (TADA), 215–216
- Taylor, Paul, 117, 133, 262, 351, 353, 357, 379, 391
- TBU, 29
and bitonal accents, in Greek, 31
and secondary association of phrase accents, 32–33
- Tees, R. C., 401
- Terken, Jacques, 43–44, 353
See also Gussenhoven et al. (2003), 251
- Ternes, E., 17
- 't Hart, Johan, 40, 42, 46, 78, 98, 125, 137, 196n14, 262, 263, 264, 266, 271, 273, 274, 275, 427
- Themistocleous, Charalambos, 38
- Thipakorn, B., 382, 388, 389, 390, 401, 428, 430
See also Chuenwattanapranithi et al. (2008), 388, 401
- Thorsen, N. G., 85, 88, 110, 167
- Tiede, M. *See* Katsika et al. (2014), 223, 224, 225
- Tierney, A., 197n19
- Tilsen, S., 222, 226
- Timing slots, 192–193
- Tobin, S. *See* Byrd et al. (2009), 215
- ToBI systems, family of, 18, 50–52, 151–152, 171–172
Alt (alternative) tier, 162
break indices tier, 160–161
challenges and recent developments, 166–171
conventions, 154–155
and gradience, 252–254
miscellaneous tier, 161
other tiers, 162
and phonological analysis of intonation, 249–252
and prosodic typology, 205–206
strengths of, 162–166
theoretical background, 152–154
tones tier, 156–160
trouble with, 247–253
uncertainty, ToBI labels for, 162
words tier, 155–156
- Tonal crowding, 44–45
- Tonal units, 121–124
- Tøndering, J., 92, 110, 111
- Tone-bearing unit (TBU), 29
and bitonal accents, in Greek, 31
and secondary association of phrase accents, 32–33
- Tone gestures, 221–223
- Tones, 29
- Tones tier, 156–160
- Torreira, Francisco, 26, 40, 69, 77, 81n1, 223
- Torres-Tamarit, F. J. *See* Prieto et al. (2009), 152
- Trager, George L., 34, 206, 408
- Trailing tone, 153
- Trainor, L. J., 188
- Transcription systems, and prosodic theory, 2, 16–19
- Trask, R. L., 305
- Treisman, M., 242
- Trim, J. L. M., 333, 343
- Trofimovich, P., 164
- Troost, J., 191
- Trubetzkoy, N. S., 119, 289
- Truckenbrodt, Hubert, 42, 191
- Truncation, 44
- Tseng, C.-Y. *See* Peng et al. (2005), 156, 159, 166
- Tufvesson, S. *See* Dingemanse et al. (2016), 415
- Turk, Alice, 38, 213, 216, 223, 224, 225, 238, 240, 429
See also Nakai et al. (2009), 38, 242; Nakai et al. (2012), 242
- Turkish language, 65, 417, 429
- Turvey, M. T., 214
- Typology, and prosodic theory, 2, 14–15, 76–77
intonational, 48–50, 79–81
and phonetic variability, 77–79
- Ueyama, M., 164
- Undergeneration, of language patterns, 14
- Undershoot, 44
- Underspecification, and phonetic implementation in AM model, 44–45
- Universal phonetic categories, 16–18
- Upstep, 35
- Uptalk, 46
- Vaissière, J., 98
- Vaknin, V., 195n6
- Vallduvi, E., 412
- van Donselaar, W., 184

- van Gelder, T., 214
- van Gestel, J. C., 52n1, 262
- Van Lancker, D., 239
- van Lieshout, P.
- van Ouden, D.-B., 194
- Vanrell, Maria del Mar, 42
See also Escudero et al. (2012), 71
- van Rijsbergen, C. J., 145n4
- van Santen, Jan, 39, 40, 223, 353, 356
- van Wieringen, P. C., 241
- Vazquez-Larruscaín, M., 85, 111
- Veilleux, Nanette, 51, 210, 247
See also Barnes et al. (2010), 34; Barnes et al. (2012), 43, 72, 182, 183, 189; Barnes et al. (2013), 43; Barnes et al. (2014), 266; Brugos et al. (2008), 162
- Vella, Alexandra, 66, 67, 68
- Venditti, Jennifer J., 25, 49, 50, 51, 5 2, 53n5, 151, 156, 167, 248
See also Maekawa et al. (2002), 182
- Verbmobil project, 288
- Vermillion, P., 271, 272, 411
- Véronis, J., 134
- Vigário, Marina, 57
See also D'Imperio et al. (2005), 37; Frota et al. (2015), 152
- Vinke, L., 194
- Vladimirova-Buhtz, T., 17
- Vogel, Irene, 38, 120, 152, 154, 172n3, 173n13, 220
- von Thun, F. S., 305
- Vonwiller, J. *See* Miller et al. (1992), 165
- Vos, P., 191
- Wade, T., 366, 427
- Wagner, M., 219, 220, 386
See also Breen et al. (2010), 193
- Wagner, P., 239, 293
- Wahlster, W., 288, 358
- Wakefield, J., 124
- Wales, R. *See* Stirling et al. (2001), 165
- Wallace, A., 384, 385
- Walsh, M., 366
See also Schweitzer et al. (2015), 366; Wade et al. (2010), 366
- Wang, B., 399, 400, 401
- Wang, C., 5, 16, 388
See also Fujisaki et al. (2005), 4
- Wang, M., 386
- Wang, Q. E., 130
- Wang, W. E. 195n1, 195n8
- Wang, W. S.-Y., 398
See also Peng et al. (2012), 183
- Ward, Gregory, 26, 27, 252, 414
- Ward, I. C., 117, 142
- Warren, Paul, 38, 40, 41, 46, 52n1, 165, 253, 420
See also Schafer et al. (2000), 165
- Watson, B. C., 396
- Watson, D., 165
- Wearden, J. H., 242
- Weenink, D., 108, 133–134, 263
- Wehrle, Simon. *See* Bruggeman et al. (2018), 72; Cangemi et al. (2016), 72
- Wehrli, É. *See* Mertens et al. (2001), 261, 277, 282
- Welby, Pauline, 40, 69, 183
See also D'Imperio et al. (2007), 223
- Welch, G. F. *See* Pfordresher et al. (2015), 189, 196n17
- Wells, J. C., 117, 250, 335, 336
- Werker, J. F., 401
- Wesener, T., 301
- West Greenlandic language, 37, 51
- Whalen, Douglas H., 183, 209, 274
See also Prom-On et al. (2016), 34
- White, Laurence, 223, 224, 225, 239, 240, 429
See also Ladd et al. (2009), 40, 78
- White, S. *See* Schafer et al. (2000), 165
- Wightman, Colin, 118, 136, 154, 216, 247
See also Silverman et al. (1992), 50, 117, 136, 137, 151, 247, 338, 414, 418, 427; Syrdal et al. (2000), 368
- William of Ockham, 182
- Williams, B., 238
- Williams, K. A. *See* Kuhl et al. (1992), 401
- Winchester, S., 291
- Windmann, A., 239
- Wing, A. M., 242
- Witten, I. H., 369
- Włodarczac, M., 272
- Wolters, Maria. *See* Beaver et al. (2007), 39, 46, 412, 416
- Wong, P. C. M., 184
- Wong, Wai Yi P., 51, 156, 157, 159, 173n13
- Wu, X. *See* Xu et al. (2013), 401
- Xu, C. X., 195n1, 382, 384, 399, 401, 429, 431
- Xu, Yi, 8, 25, 26–27, 40, 44, 46, 139, 195n1, 195n8, 221, 273, 291, 377, 379, 380, 382, 384, 385, 386, 388, 389, 390, 391, 398, 399, 400, 401, 402, 408, 409, 410, 411, 413, 414, 415, 416, 417, 419, 420, 428, 429, 430, 431

- See also* Chen et al. (2007), 89; Liu et al. (2013), 22, 382, 390, 391, 399, 400, 401, 428, 429, 430; Chuenwattanapranithi et al. (2008), 388, 401; Liu et al. (2013), 8, 382, 387, 390, 391, 399, 400, 428, 429, 430; Prom-On et al. (2016), 34
- Yates, A. *See* Glewwe et al. (2018), 15
- Yip, M. J., 7
- Ylitalo, Rikka. *See* Nakai et al. (2009), 38, 242; Nakai et al. (2012), 242
- Yoo, 164–165
- Yoon, T., 368, 369
See also Hasegawa-Johnson et al. (2005), 369
- Yoruba language, final lowering in, 42
- Yu, A. C. L., 8
See also Liu et al. (2013), 22; Liu et al. (2013), 8, 382, 387, 390, 391, 399, 400, 428, 429, 430
- Yuan, J., 388
- Yuen, Ivan, 42
- Zarco, W., 242
See also Merchant et al. (2008), 242
- Zec, D., 192
- Zelaznik, H. N., 241, 242
See also Schmidt et al. (1979), 242
- Zellers, M., 297, 298
- Zemlin, W. R., 384
- Zeng, A. *See* Glewwe et al. (2018), 15
- Zhang, C. *See* Peng et al. (2012), 183
- Zhang, J., 388
- Zhang, T. *See* Hasegawa-Johnson et al. (2005), 369
- Zheng, H.-Y. *See* Peng et al. (2012), 183
- Zhi, N., 139
- Zue, Victor, 18
- Zygis, Marzena, 26, 35, 39, 44–45
- Zymet, J. *See* Glewwe et al. (2018), 15

This is a section of [doi:10.7551/mitpress/10413.001.0001](https://doi.org/10.7551/mitpress/10413.001.0001)

Prosodic Theory and Practice

Edited by: Jonathan Barnes, Stefanie Shattuck-Hufnagel

Citation:

Prosodic Theory and Practice

Edited by: Jonathan Barnes, Stefanie Shattuck-Hufnagel

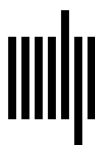
DOI: 10.7551/mitpress/10413.001.0001

ISBN (electronic): 9780262543194

Publisher: The MIT Press

Published: 2022

The open access edition of this book was made possible by generous funding and support from MIT Press Direct to Open



The MIT Press

© 2022 The Massachusetts Institute of Technology

All rights reserved. No part of this book may be reproduced in any form by any electronic or mechanical means (including photocopying, recording, or information storage and retrieval) without permission in writing from the publisher.

The MIT Press would like to thank the anonymous peer reviewers who provided comments on drafts of this book. The generous work of academic experts is essential for establishing the authority and quality of our publications. We acknowledge with gratitude the contributions of these otherwise uncredited readers.

This book was set in Stone Serif and Stone Sans by Westchester Publishing Services.

Library of Congress Cataloging-in-Publication Data is available.

Names: Barnes, Jonathan, 1970– editor. | Shattuck-Hufnagel, Stefanie, editor.

Title: Prosodic theory and practice / edited by Jonathan Barnes and Stefanie Shattuck-Hufnagel.

Description: Cambridge, Massachusetts : The MIT Press, 2022. | Includes bibliographical references and index.

Identifiers: LCCN 2021000764 | ISBN 9780262543170 (paperback)

Subjects: LCSH: Prosodic analysis (Linguistics)

Classification: LCC P224 .P739 2022 | DDC 414/.6—dc23

LC record available at <https://lcn.loc.gov/2021000764>