

# Name index

- Abels, Klaus, 30  
Adger, David, 32, 33  
Aikhenvald, Alexandra Y., 2  
Akita, Kimi, 196, 198  
Ambridge, Ben, 90, 111  
Anderson, Debora K., 88  
Apresjan, Juri. D., 175  
Arbib, Michael, 63  
Arcuili, Joanne, 85  
Aristar, Anthony R., 15, 136  
Armstrong, David F., 63  
Aronoff, Mark, 64, 65, 73, 124  
Asaridou, Salomi, 43  
Atkinson, Quentin, 129  
Austin, J. L., 3
- Baayen, R. Harald, 125  
Bailey, Karl G., 55  
Baker, Mark, 23, 24, 27  
Bally, Charles, 149  
Baltaxe, Christiane A. M., 102  
Battison, Robbin, 66  
Battistella, Edwin, 163, 166  
Beck, David, 183  
Beckman, Jill, 160  
Bernstein, Basil, 78  
Bever, Thomas G., 55  
Bickel, Balthasar, 23, 122, 142  
Bickerton, Derek, 63  
Blackmore, Susan, 137  
Blasi, Damián E., 43, 45, 122, 125, 129, 130, 134, 135
- Blevins, Juliette, 18, 168  
Blust, Robert, 168  
Blythe, Joe, 4  
Bock, J. Kathryn, 53  
Bolhuis, Johan, 63  
Boroditsky, Lera, 193  
Borovsky, Arielle, 56  
Botha, Rudolf P., 54  
Brentari, Diane, 66  
Bresnan, Joan, 185  
Brock, Jon, 85, 88  
Bromberger, Sylvain, 141  
Brown, Penelope, 86  
Brunner, Jana, 47  
Burling, Robbins, 54  
Bush, Jeffrey O., 45  
Butcher, Andy, 46  
Bybee, Joan, 5, 13, 18  
Byrne, James, 149
- Caldwell-Harris, Catharine L., 42, 43  
Callaghan, Tara C., 86  
Campbell, Lyle, 122  
Carpenter, Kathie, 174  
Carpenter, Malinda, 85–87, 91  
Carroll, Sean B., 45  
Carstairs-McCarthy, Andrew, 63  
Caruana, Nathan, 88  
Chandrasekaran, Bharath, 42, 132  
Chater, Nick, 46, 53–58  
Chatterji, Suniti Kumar, 12  
Cheng, Patricia W., 121

*Name index*

- Childs, G. Tucker, 196  
Chomsky, Noam, 27, 53, 63  
Christiansen, Morten H., 46, 53–58  
Christophe, Anne, 72  
Cinque, Guglielmo, 30, 150  
Clark, Herbert H., 3, 53  
Claudi, Ulrike, 13  
Clements, George Nick, 142, 144  
Cochran, Anne, 101  
Cohen, Marcel, 15  
Cohn, Abigail, 144, 145  
Collins, Jeremy, 130, 135  
Comrie, Bernard, 9, 119  
Corballis, Michael C., 54, 63  
Cornish, Hannah, 25, 41  
Couper-Kuhlen, Elizabeth, 198  
Cowan, Hendrik Karel Jan, 162  
Cowan, Nelson, 54  
Cowie, Fiona, 53  
Cramon-Taubadel, N. von, 45  
Crane, Thera Marie, 152  
Cristofaro, Sonia, 13, 16, 18  
Croft, William, 5, 9, 17, 26, 196  
Crothers, John, 160  
Crowley, Terry, 152  
Cruse, D. Alan, 5  
Cruttenden, Alan, 134  
Culbertson, Jennifer, 25, 27, 29, 32, 33  
Cyffer, Norbert, 11  
Cysouw, Michael, 24, 30, 119, 195  
  
Dachkovsky, Svetlana, 66, 67  
Dale, Rick, 123  
Darwin, Charles, 63  
Dasher, Richard B., 13  
Daumé III, Hal, 119, 122  
Davis, Henry, 183, 186  
Dawkins, Richard, 136  
  
de Lacy, Paul, 101, 160–163, 165  
de Reuse, Willem J. with the assistance of Phillip Goode, 162  
Debruyne, Frans, 47  
Dediu, Dan, 24, 41–45, 47, 56, 129–132  
Demers, Richard, 183  
Demirdache, Hamida, 182, 183  
DePaolis, Rory A., 91  
Dickins, Thomas E., 17  
Ding, Nai, 54  
Dingemanse, Mark, 150, 196, 198–200  
Disner, Sandra, 101, 160  
Dixon, Michael J., 45  
Dixon, R. M. W., 2, 9  
Doble, Marion, 102  
Donegan, Patricia, 129  
Dowman, Mike, 41  
Dryer, Matthew S., 24, 26, 27, 30, 31, 43, 113, 134, 142  
Dumestre, Gaston, 144  
Dunbar, Robin I. M., 54  
Duncan, Otis Dudley, 124  
Dunn, Michael, 134  
Dupoux, Emmanuel, 72  
  
Edelman, Shimon, 56  
Edmondson, Jerold A., 102  
Eells, Ellery, 120  
Elman, Jeffrey L., 56  
Emmorey, Karen, 63  
Enfield, N. J., 3, 5, 55, 87, 130, 132, 136, 172–174, 199, 200  
Evans, Nicholas D., 4, 185  
Evans, Patrick, 131  
Everett, Caleb, 43, 45, 122, 129, 130, 134, 135  
  
Fay, Nicolas, 25

- Fels, Sidney, 44  
Ferguson, Charles A., 143  
Fernald, Anne, 56, 91  
Ferraro, Vittoria, 55  
Ferreira, Fernanda, 55  
Ferreira, Victor S., 2  
Fitch, W. Tecumseh, 45, 63  
Fitelson, Branden, 118, 121  
Foley, William A., 103, 151, 152, 189  
Foss, Donald J., 142  
François, Alexandre, 99, 102  
Fuchs, Susanne, 47  
Fudeman, Kirsten, 124  
Fullwood, Michelle A., 150, 151  
  
Gabelentz, Georg van der, 149  
Gentner, Dedre, 193  
Gibson, Edward, 24, 119  
Giedd, Jay, 45  
Gil, David, 43, 78  
Givón, Talmy, 68, 73  
Gliga, Teodora, 91  
Glymour, Clark N, 125  
Goddard, Cliff, 177  
Goldwater, Sharon, 25  
Golinkoff, Roberta, 53  
Grace, George W., 78  
Green, Jonathan, 89  
Greenberg, Joseph H., 2, 9, 14, 23, 24,  
53, 113, 119, 142, 143, 146, 149  
Griffiths, Thomas L., 41  
Guasti, Maria-Theresa, 72  
Guy, Greg, 168  
  
Haberl, Katharina, 87  
Hale, Kenneth L., 2  
Hall, Daniel Currie, 165  
Halle, Morris, 141  
  
Haspelmath, Martin, 9, 23, 43, 142,  
196  
Hasson, Uri, 54  
Hauser, Marc, 63  
Hawkins, John, 113  
Hawkins, John A., 23, 27, 53  
Hayes, Bruce, 160  
Healy, Christina, 66, 67  
Heine, Bernd, 13, 14, 57  
Hess, Thom, 183  
Hildebrandt, Kristine, 142  
Hirsh-Pasek, Kathy, 53  
Hitchcock, Christopher, 118, 121  
Hockett, Charles F., 65, 68, 144  
Hoff, Bernd, 164  
Honey, Christopher J., 54  
Hudson Kam, Carla, 28  
Hume, Elizabeth, 159, 160  
Hurford, James, 41, 56  
Hurtado, Nereyda, 91  
Hyman, Larry M., 141, 145, 151, 152  
Hünнемeyer, Friederike, 13  
  
Ibbotson, Paul, 91  
Iemmolo, Giorgio, 12  
Illari, Phyllis McKay, 39  
Israel, Assaf, 71  
  
Jackendoff, Ray, 53, 63, 68, 75, 78  
Jaeger, T. Florian, 122  
Jelinek, Eloise, 183  
Jenkins, James J., 142  
Jiang, Rulang, 45  
Johnson, Mark, 25  
Johnson, Robert E., 66  
Jones, Emily J.H., 89  
Joseph, Brian D., 195  
Juszyk, Peter, 72

## *Name index*

- Kakati, Banikanta, 12  
Kalisch, Markus, 125  
Karmiloff-Smith, Annette, 90  
Kashube, Dorothy, 143  
Kaufman, Terrence, 122  
Kayser, Manfred, 133, 190  
Kellogg, S. H., 2  
Kemmerer, David, 63  
Keren-Portnoy, Temar, 91  
Kerr, Allen D., 172  
Kinkade, Dale, 183  
Kiparsky, Paul, 145  
Kirby, Simon, 25, 41, 56  
Klein, Wolfgang, 78  
Kolodny, Oren, 56  
Kuipers, Aert Hendrik, 183  
Kunene, Daniel P., 197  
Kuteva, Tania, 57  
Kutsch Lojenga, Constance, 11  
Kuwana, Yasutomo, 150  
  
Ladd, D. Robert, 24, 41–43, 45, 129–132  
Ladefoged, Peter, 101  
Lammert, Adam, 45  
Lass, Roger, 2  
Legendre, Géraldine, 27, 29, 32, 33  
Lehmann, Winfred P., 150  
Lepic, Ryan, 71  
Leslau, Wolf, 15  
Levinson, Steven C., 47, 87  
Lichtenberk, Frantisek, 164  
Liddell, Scott K., 66  
Lieberman, Phillip, 54  
Lieven, Elena, 86, 90, 91, 111  
Lightfoot, David, 24  
Lillo-Martin, Diane, 66  
Liszkowski, Ulf, 86  
Liu, Fan, 45  
  
Lloyd, John E., 44  
Lombardi, Linda, 160  
Lotem, Arnon, 56  
Lupyan, Gary, 123  
Luuk, Erkki, 110  
  
MacNeilage, Peter F., 63  
Maddieson, Ian, 41, 43, 101, 131, 146, 162, 167  
Malt, Barbara C., 3  
Mandel, Mark, 66  
Matthews, Stephen, 129  
Matthewson, Lisa, 182, 183, 186  
McCauley, Stewart M., 55, 56  
McCloskey, James, 23  
McMahon, April M. S., 17  
Mehler, Jacques, 72, 150  
Meir, Irit, 64, 65, 71, 73, 78  
Mekel-Bobrov, Nitzan, 131, 132  
Merlan, Francesca, 97, 103, 110, 111  
Milin, Petar, 125  
Miller, George Armitage, 54  
Mithun, Marianne, 13  
Moisik, Scott R., 44  
Moll, Henrick, 87  
Moravcsik, Edith, 147  
Moravcsik, Edith A., 143  
Moreton, Elliott, 25  
Mossé, Fernand, 11  
Mpaayei, J. Tompo Ole, 148  
Müller, Max, 200  
  
Nagell, Katherine, 86, 87  
Narayanan, Shrikanth, 45  
Nater, Hank F., 147  
Neeleman, Ad, 30  
Nespor, Marina, 66–68, 72, 73, 150  
Newmeyer, Frederick J., 23, 63, 196  
Newport, Elissa L., 28, 29

Nichols, Johanna, 9, 119, 142  
Nitz, Eike, 11  
Noens, Ilse, 87  
Norbury, Courtenay, 88  
Nordhoff, Sebastian, 11  
Nuckolls, Janis B., 197  
Nunberg, Geoffrey D., 175  
  
Odden, David, 164  
Olson, Mike, 151, 152  
Osada, Toshiki, 185  
Osu, Sylvester, 144  
Otanés, Fe T., 188  
Over, Harriet, 91  
Ozonoff, Sally, 89  
Özyürek, Aslı, 2  
O'Grady, William, 53  
  
Padden, Carol, 64, 71, 73  
Pagliuca, William, 13  
Pater, Joe, 25  
Patson, Nikole D., 55  
Pawley, Andrew, 97, 179  
Payne, Doris L., 162  
Payne, Thomas E., 162  
Pearl, Judea, 39, 124  
Perdue, Clive, 78  
Perfors, Amy, 56  
Perkins, Revere, 13  
Perrier, Pascal, 47  
Pfau, Roland, 66  
Piantadosi, Steven T., 24, 119  
Pickering, Martin J., 2  
Pine, Julian, 90  
Pinker, Steven, 53, 68  
Plank, Frans, 148–150, 153  
Praveen, B. N., 45  
Precoda, Kristin, 146  
Prizant, Barry M., 87

Proctor, Michael, 45  
  
Quer, Josep, 66  
  
Radloff, Vasily, 148  
Ramscar, Michael, 125  
Remez, Robert E., 54  
Rice, Keren, 159, 160, 165  
Riemer, Nick, 182  
Roberts, Jacqueline, 88  
Roberts, Seán G., 24, 42, 43, 45, 122,  
129, 130, 134, 135  
Rumsey, Alan, 97, 103, 110, 111  
Ruskin, Ellen, 88  
Russo, Federica, 39  
  
Samek-Lodovici, Vieri, 30  
Sandler, Wendy, 63–67, 70–77  
Sapir, Edward, 12  
Schachter, Paul, 188  
Schegloff, Emanuel A., 198  
Scheines, Richard, 125  
Schiering, René, 142  
Schuh, Russell, 164  
Scott-Phillips, Thomas C., 17  
Seiler, Walter, 14  
Selkirk, Elizabeth, 68, 73  
Selting, Margret, 198  
Shalizi, Cosma Rohilla, 125  
Shaw, Patricia, 147  
Sherman, Donald, 2  
Shukla, Mohinish, 150  
Sidnell, Jack, 3  
Sigman, Marian, 88, 89  
Siller, Michael, 88, 89  
Simon, Herbert A., 4  
Simpson, Jane, 4  
Singleton, Jenny L., 28  
Smith, Adam, 4

*Name index*

- Smith, Jennifer L., 150  
Smith, Kenny, 25, 41, 56  
Smith-Stark, Thomas C., 122  
Smolensky, Paul, 25, 27, 29, 32, 33  
Song, Jae Jung, 141  
Spirtes, Peter, 125  
Stampe, David, 129  
Stavness, Ian, 44  
Steddy, Sam, 30  
Steinbach, Markus, 66  
Stephens, Greg J., 54  
Steriade, Donca, 160  
Stokoe, William C., 63, 66  
Stoll, Sabine, 86  
Studdert-Kennedy, Michael, 54  
  
Taylor, Walter G., 54  
Tenenbaum, Joshua B., 56  
Thomason, Sarah Grey, 2  
Thompson, D'Arcy Wentworth, 5  
Tokizaki, Hisao, 150  
Tomasello, Michael, 2, 56, 85–87, 91  
Torreira, Francisco, 199, 200  
Traill, Anthony, 44  
Traugott, Elizabeth C., 13  
Traunmüller, Hartmut, 44  
Travis, Lisa, 27  
Trubetzkoy, Nikolai S., 163  
Trudgill, Peter, 168  
Tucker, Archibald Norman, 148  
Tukumu, Simon Nsielanga, 152  
  
Vajda, Edward, 141  
van Eijk, Jan, 183  
van Oven, Mannis, 133  
Verkerk, Annemarie, 122  
Vihman, Marilyn M., 91  
Vogel, Irene, 68, 72, 73  
  
Wan, Ming Wai, 89  
Wang, William S., 56  
Warren, Richard M., 54  
Watters, James, 165  
West, Stuart A., 17  
Wetherby, Amy, 87  
Whaley, Lindsay J., 141  
Wilbur, Ronnie B., 68  
Wilcox, Sherman E., 63  
Wilkins, David P., 198  
Williamson, Jon, 39  
Wilson, Colin, 25  
Winters, James, 122, 129  
Wittenberg, Eva, 75, 78  
Wohlgemuth, Jan, 195  
Woll, Bencie, 66  
Wong, Patrick C. M., 42, 132  
Wonnacott, Elizabeth, 41, 56  
Wray, Alison, 78  
  
Yip, Moira, 41  
Yiu, Suki, 129  
You, M., 45  
  
Zelditch, Miriam Leah, 47  
Zheng, Jing, 42, 132  
Ziwo, Lama, 102

# Language index

- Afro-Asiatic, 134, 135, 164  
Al-Sayyid Bedouin Sign Language, 65  
Alacalufan, 162  
Alawa, 164  
Altaic, 153  
Amharic, 15  
Ancient Greek, 181, 182  
Arabic, 76, 135  
Arekuna, 164  
Assamese, 12  
Athabaskan, 153, 162, 165  
Atlantic-Congo, 124  
Australian, 113, 177  
Austro-Asiatic, 129, 134  
Austronesian, 102, 164, 165, 168, 180,  
183, 186, 189–191
- Bambara, 144  
Bantu, 43, 135, 152, 153  
Barasana, 143–145  
Basari, 164  
Bella Coola, 147  
Bengali, 12  
Berber, 40
- Cantonese, 135  
Carib, 164  
Cariban, 162, 165  
Chadic, 164  
Chinese, 135  
Cushitic, 43
- Dahalo, 43  
Doutai, 143, 144
- Ebrié, 143–145  
Ecuador Quichua, 164  
Ekari, 102  
English, 10, 27, 29, 32, 33, 76, 91, 99,  
144, 145, 150, 179, 185, 188,  
198  
Enita, 104–107, 109, 111  
Estonian, 2
- Fe'fe'-Bamileke, 153  
Finnish, 164, 165  
Finno-Ugric, 164, 165
- Gedaged, 189, 190, 193  
German, 171  
Germanic, 150  
Greek, 180, 181
- Hadza, 43  
Hindi, 2  
Hiw, 102  
Hmong-Mien, 135
- Iban, 144  
Ijo, 152  
Imonda, 13, 14  
Indo-European, 135, 153  
Indonesian, 190, 192  
Israeli Sign Language, 66, 67, 76  
Italian, 171

Japanese, 150, 165, 196

Kabardian, 145

Kanuri, 11

Khoekhoe, 40

Khoisan, 14, 43

Kikuyu, 33

Kilivila, 165

Kimi, 201

Kopia, 104

Koy, 103

Koyukon, 165

Ku Waru, 97–104, 109, 110, 112, 113

Kwa, 144, 196, 199

Kxa, 43

Kxoe, 14

Laghuu, 102

Lao, 172–178, 199

Latin, 180–182, 185, 186, 193

Luganda, 153

Maasai, 146, 148

Macushi, 165

Manam, 164

Mandarin, 136

Marshallese, 145

Mbula, 189, 190, 193

Miya, 164

Mussau, 165, 168

Músa, 11

Ngiti, 11

Niger-Congo, 130, 134, 135, 164

Nilo-Saharan, 135

Nimboran, 164

Num, 26–28, 30–34

Nyangi, 146

Nzadi, 152

Oceanic, 152, 189–191

Paiwan, 192

Panare, 162

Papuan, 97, 102, 103, 162, 164, 165, 180,  
186, 189–191

Qawasqar, 162

Quechuan, 164

Romance, 164, 165

Saami, 164

Salish, 180, 182, 183, 186

San Carlos Apache, 162

Sandawe, 43

Selayarese, 165

Semitic, 153

Sentani, 162, 164, 165

Sinhala, 11

Sino-Tibetan, 130, 134, 135

Siwu, 196–199

Soti, 104

Southern Paiute, 12

Spanish, 164, 165

Buenos Aires Spanish, 164

St'át'imcets, 182–186, 193

Swahili, 135

Tagalog, 184–186, 188, 192, 193

Tai-Kadai, 172, 199

Thai, 3, 174

Tibeto-Burman, 102

Tlachichilco Tepehua, 164

Tok Pisin, 99–101

Tolai, 189–192

Tongan, 190, 191

Totonacan, 165

Trans-New Guinea, 97, 102

Tu, 43, 44



Turkish, 150

Uralic, 153, 164

Wapi, 105

Xhosa, 43

Yimas, 179

Zulu, 43

!Xóõ, 44

# Subject index

- absolute universals, 147
- acoustics, 44, 47, 54
- acquisition, 1, 53–56, 111, 112
- affective meanings, 43
- African languages, 129, 151
- agglutination, 153
- alignment, 182
- archeology, 190
- areal relations, 26
- arguments, 110, 182, 185
- artificial language learning, 25, 26, 28, 29, 34
- ASPM, 130, 131
- Austin's ladder, 3
- Autism Spectrum Disorder, 85, 87–90
- automacity, 72
- autonomous syntax, 65, 73, 90
- baby talk register, 100, 102, 111, 112
- biases, 5, 25, 27–30, 33, 55
  - soft, 33
  - weak, 41, 42, 45
- bilingualism, 132
- biological adaptation, 199
- biological inheritance, 86, 90
- biomechanical modelling, 44
- borrowing, 43, 44
- causal strength, 117, 121
- causality, 1, 3, 117, 118
- causal chains, 45
- children's speech, 104, 109
- chunk-and-pass processing, 54, 55
- classifiers, 71, 171–173
- clicks, 43, 44
- climate, 41, 43, 134
- Co-occurrence patterns, 14
- cognition, 5, 117, 119
- comparative typology, 101, 112
- compensation, 47
- complementizers, 75
- computer models, 41, 42, 47
- concurrent systems, 171, 172, 177
- conditionals, 75
- constituent order, 24, 34, 120, 129
- constructional diffusion, 56
- context dependent, 13
- context-driven, 12
- conventionalization, 4, 5, 65, 72
- conversational analysis, 198
- coreference, 76
- corpus data, 197
- cultural adaptation, 129, 199
- cultural evolution, 23, 45, 56
- depiction, 3, 197, 198
- derivation, 185, 188
- derived alleles, 41, 42
- diachrony, 4, 5, 10, 11, 16–19, 152, 168, 179
- Dirichlet process, 119
- discourse, 4, 76

- discrete infinity, 63
- docility principle, 4
- domain-general, 25
- domain-specific, 24, 25
- duality of patterning, 65
- dynamic phenomena, 41
- ease of articulation, 71
- echolalia, 88, 91
- economy principle, 9
- embedding, 76
- emerging languages, 70
- enchrony, 4
- erosion, 56
  - phonological, 16
- esoteric code, 78
- European languages, 196
- evolutionary biology, 17, 19
- faithfulness constraints, 165
- Family Bias method, 122
- familylect, 71
- founder effects, 191
- functional principles, 9, 10, 16, 17, 136, 148
- functional typology, 23, 34
- functionalism, 117
- Galton's problem, 136
- garden-path effects, 55
- gender, 14, 18, 171
- genealogical signal, 41
- generative linguistics, 23, 24, 33, 34, 53, 90
- genetics, 4, 26, 41, 45, 190
- gesture, 3, 197
- goal oriented vs source oriented, 16
- grammar of the body, 64, 66, 76
- grammar-phonology dependencies, 148
- grammaticalization, 13, 18, 56, 136
- graph theory, 124
- haplogroup, 132
- harmonic vs. non-harmonic, 26, 28, 29
- Haversine formula, 133
- historical linguistics, 16, 117
- historical relations, 118
- holophrases, 63
- human language faculty, 23, 24, 33, 117
- human vs. inanimate, 65, 73
- iconicity, 71, 72, 197
- ideophones, 195–198, 200
- implicational scales, 159
- implicational universals, 9, 10, 14, 16, 18, 19, 23, 30, 119, 124, 143
  - bidirectional, 119, 121, 122
  - bidirectional vs. unidirectional, 119
  - unidirectional, 119, 121, 122
- implosives, 145
- inference, 4, 12, 16
- inter-individual differences, 45, 47
- inter-population differences, 47
- interactional ecology, 200
- interactional linguistics, 65, 198
- interjections, 195, 196, 198–200
- intonation, 67, 72
- inventory structure, 160
- invisible hand processes, 4
- isolating languages, 124
- iterated learning, 41
- joint attention, 86, 88, 89
- juxtaposition, 104
- L2 speakers, 123

## *Subject index*

- language acquisition, 90
- language change, 1, 56, 119
- language contact, 41, 122, 135, 136, 180, 189, 190
- language development, 85, 87
- language evolution, 53, 54, 56, 63, 64
- learnability, 27, 34
- lexeme formation, 71
- lexical classes, 179, 182
  - flexibility, 179, 183, 184, 186, 188–191, 193
- lexical diffusion, 56
- linguistic complexity, 70
- local dependencies, 55
- loss vs. maintainence, 17
  
- machine learning, 119
- manner of articulation, 160
- Mantel testing, 130, 132, 133
- marginalia, 195, 198, 200
- markedness, 112, 160, 161, 165, 166
  - hierarchies, 101, 159, 162, 163, 167
  - semantic, 166
- Markov Causal Condition, 124
- Maximum Entropy, 25
- meaningful vs. meaningless, 65
- meme, 136, 137
- mental universals, 24
- Meso-American languages, 122
- microcephalin, 130, 131
- mini-linguist, 55
- mitochondrial DNA, 132, 133, 190
- mixed effects model framework, 122
- modifier classifiers, 173–175, 177
- morphological complexity, 123
- musical protolanguage, 63
  
- nasal consonants, 143, 145
- nasal vowels, 143
  
- natural ontology, 193
- neutralization, 163
- nominal classifications, 171
- nominal word order, 26
- noun-verb distinction, 179, 181, 183, 193
- now-or-never bottleneck, 54–57
- number, 171
- numeral classifiers, 172–175, 177
  
- ontogeny, 4
- optimality theory, 160
- oral vowels, 143, 145, 149
- overt marking, 9, 13, 14, 16, 17
  
- Pacific languages, 186
- parent-child interaction, 89, 90
- parentheticals, 75
- pattern congruity, 97, 113
- perception, 41, 42, 44
- phonation, 3
- phonetic naturalness, 167
- phonological changes, 10, 11
- phonology, 65, 66, 97, 141
- phrasal stress, 72
- phrasal verb constructions, 97, 102, 105, 109–111
- phrase structure, 179, 185
- phylogeny, 122, 133, 135
- Pidgins, 68
- pitch, 3, 41
- place neutralization, 161, 163
- place of articulation, 160, 162
  - hierarchy, 161, 163
- polysemy, 175–177
- poverty-of-the-stimulus, 32
- predicates, 110, 185
- prediction, 55, 56, 152
- prepositional languages, 15, 120

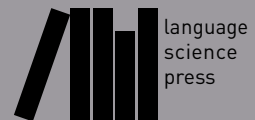
- preverbal infants, 87
- Probabilistic Harmonic Grammar, 25
- probabilistic models, 25, 45, 47
- probability, 118, 121
- probable languages, 117
- processing, 53–55, 57
- processing ease, 18
- production, 41, 42, 44, 55
- prosodic nasality, 145
- prosodic organization, 64
- prosody, 197, 198
- prosody vs. syntax, 65, 68
- proximate vs. ultimate, 17
- rara, 195
- reduction, 56
- regression methods, 122
- regularization, 28–30
- repair, 199
- restricted code, 78
- rhythm, 72
- sampling models, 119
- scope, 30, 32, 33
- semantic bleaching, 56
- serial verb constructions, 97, 103, 105, 109–111, 129, 151, 152
- shared information, 67, 78
- shared intentionality, 85–88
- sign languages, 63, 66
  - established, 66, 67, 70, 71, 76
  - new, 63, 64
- simplicity vs. complexity, 97, 112
- Southeast Asian languages, 129, 151
- statistical learning abilities, 91
- statistical vs. absolute, 24
- stress, 150
- structural congruity, 97, 113
- Structural equation modelling, 124
- subordination, 68, 75
- surface properties, 144
- syllables, 63
- synchrony, 3, 5, 18, 68, 152
- syntactic recursion, 63
- syntactic relations, 73
- syntacticization, 56
- syntax, 63, 73, 97, 185, 196–198, 200
- time adverbials, 75
- timescales, 1, 53, 56
- tone, 3, 41–43, 129, 130, 132–134
- tonogenesis, 41
- topic, 11, 12, 67, 76
- transmission, 5, 17, 122
  - cultural, 41, 42, 47
  - genealogical, 122
  - horizontal, 122, 132, 137
  - social, 198
- typological universals, 24, 26, 32, 34
- typology, 9, 18, 23, 24, 33, 34, 101, 112, 117, 119, 141, 159, 160, 177
- universal grammar, 90
- universals, 112, 143
- usage properties, 119
- variation, 161, 162
  - inter-language, 163, 166
  - intra-language, 162, 166
- vowel height, 159
- Williams syndrome, 90
- word order, 65, 73
- words vs. phonology, 68
- Y-chromosomal DNA, 190
- zero marking, 13, 16
- zero vs. overt marking, 10



# Did you like this book?

This book was brought to you for free

Please help us in providing free access to linguistic research worldwide. Visit <http://www.langsci-press.org/donate> to provide financial support or register as a community proofreader or typesetter at <http://www.langsci-press.org/register>.







# Dependencies in language

Dependency is a fundamental concept in the analysis of linguistic systems. The many if-then statements offered in typology and grammar-writing imply a casually real notion of dependency that is central to the claim being made—usually with reference to widely varying timescales and types of processes. But despite the importance of the concept of dependency in our work, its nature is seldom defined or made explicit. This book brings together experts on language, representing descriptive linguistics, language typology, functional/cognitive linguistics, cognitive science, research on gesture and other semiotic systems, developmental psychology, psycholinguistics, and linguistic anthropology to address the following question: What kinds of dependencies exist among language-related systems, and how do we define and explain them in natural, causal terms?

ISBN 978-3-946234-88-3



9 783946 234883