Index

2.5G networks, 70
2G networks, 70
3G networks, 70, 74n

Aakhus, Mark, 4, 6, 7, 100n, 101n, 161
Actor network theory, 217n, 232, 233
Addiction, *keitai*, 91
Address books, 133, 158
Adoption
 of i-mode, 32–33, 48, 145
 of Internet, 190–192
 of *keitai*, 32, 42, 45, 48
  by children, 279, 282, 298
  by housewives, 230
  by youth, 25, 45
 of *keitai* cameras, 56, 301–302
 of *keitai* Internet, 2, 33, 48
 of pagers, 44–45
 of personal computers, 235n
 of PHS, 45, 66
Adorno, Theodor, 99
Advertisting, 302
Affinity for technology, 230, 231
Agar, Jon, 3, 4, 49
Age, 147
 and *keitai* use, 36
Akiyama, Toyoko, 137
Akiyoshi, Mito, 143
Amano, Hiroko, 235n
Ambient virtual co-presence, 264–266
America Village, 42
Announcements in trains, 24, 207, 214–215
Anonymity, 184, 186, 198–199
Anti-ubiquitous territory machine, 92–100
Appadurai, Arjun, 260
Appointments, 133–134
Appropriate *keitai* use, 211
Aramaki, Hiroshi, 125
Aronson, Sidney, 138, 198
Arranged marriages, 173, 182n
Asahi Shinbun (newspaper), 37, 38n, 213, 308
Astel Tokyo, 55
Au, 35, 67. *See also* DDI Cellular Group
Augmented "flesh meet," 266–271
Authentication, 73
Availability, 266

Background awareness, 15
Ban-tsuu sentaku, 134–136
Barnes, Stuart, 145
Basho, Matsuo, 85, 86, 91
Baudrillard, Jean, 91
Beck, Ulrich, 179
Bell-tomo, 27–29, 36, 170–173, 177, 184, 186, 188–190
Bento, 89
Berger, Peter, 100n
Beru-tomo. *See Bell-tomo*
Bessatsu Takarajima (magazine), 166
Bicycles, 83, 98
Bijker, Wiebe, 6, 41, 206, 212, 260
Black, Jeremy, 248

Boase, Jeffrey, 6, 9, 21, 159, 162
Bødker, Susanne, 252–253
Bosozoku, 92
Brown, Barry, 4, 6, 12, 13, 259
Bubble economy, 47
Business users, 212–213
Business uses, 14, 37. *See also* Cooperative work; Coordination, in work
Button, Graham, 252

Cabinet Office, 32, 140n, 141n, 174
Call center, 244
Caller ID. *See Ban-tsuu sentaku*
Callon, Michel, 6, 206, 217n, 232, 237–238, 260
Camera phone art shows, 308
Camera phones. *See Keitai* cameras
Car navigation systems, 69
Car phones, 22
Castells, Manuel, 143, 159, 161–162, 179
cdma2000, 67
Cellular phones, 20. *See also Keitai*
Cellular services, 63
Cellular text service, 35, 52. *See also* Short Mail; Short message service; Text messaging
Chado, 89–91
Chaku-mero, 54–56
Chaku-uta, 55
Characters, 87
Charges. *See* Costs
Chashitsu, 89
Cheating, 177
Chen, Wenhong, 143, 159, 162
Cherny, Lynn, 5
Chi-en, 138, 141n, 175, 176, 181
Child care, 223
Children
 desire for *keitai*, 279, 283–285, 285–287
 friendships, 282
 keitai market, 277
 keitai use, 278–280, 287–288 (*see also* Adoption, *keitai*, by children)
 lifestyle, 278, 282
China, 66
Chomsky, Noam, 100n
Churchill, Elizabeth, 12, 250
Chu-tomo, 126–127, 139, 140n. *See also Ona-chu*
Clarke, Adele, 260
Clifford, James, 260
Cockburn, Cynthia, 233
Cohen, Stanley, 25, 165
College students, 103
Communication
 content of, 50
 in family, 132
 in Internet studies, 13
Communication diaries, 258
Communications service, 73
Community, 144, 160–163
 in Internet studies, 13 (*see also* Online community)
Competition between PHS and *keitai*, 64
Computerization of call information, 244
Computer-mediated communication, 190
Context of *keitai* use, 15, 220, 255, 260
Control in work, 249
Controversy, 213–215
Conversation, 131
Conversation analysis, 273n
Coofy (PHS), 197
Cooperative activities, 249
Cooperative work, 246, 248
Coordination, 266–268
 in work, 244, 248–250
Copier problems, 243
Copier service technicians, 239
Costs, 51
 of car phones, 22
 of *keitai*, 31–32, 168, 213, 260
 of *keitai* Internet, 33
 of *keitai* and PHS, 53, 65
 of PHS, 45
 subscriptions, 19, 44, 51, 64, 277
Couples, 265, 266. *See also Deai*; Internet romance; *Paso-kon*; Relationships, romantic

Crimes, 193
Cross-cultural comparison, 15
Cross-cultural conflicts, 99
Cultural differences, 77
 in mobile phone use, 4
Cultural Institute, 38n
Cultural qualities, 34
Cultural specificity, 2, 6
Culture, 78–79, 87
 Japanese, 2, 20, 34
Culture and technology, 2–3

Dankai junior, 137
DDI Cellular Group, 35, 52. *See also* Au
DDI Pocket, 52
De Gournay, Chantal, 139, 199
Deai, 10, 166, 175, 181, 186, 198. *See also* Couples; *Deai-kei;* Relationships, romantic
Deai-kei, 10, 27–28, 115, 117–118, 165, 174, 177, 182n, 192–193, 198, 219. *See also Deai*; Relationships, romantic
Deai-kei Sites Legal Plan, 193
Deal, Terrence, 101n
DECT forum, 74n
Dengon Dial, 166, 184, 186
Design, 251–254
Dial Q2, 166, 186, 188
Digital cameras, 72. *See also Keitai* cameras
Digital divide, 6, 33, 39n, 162
Digitally Enhanced Cordless Telecommunications, 66
Digital Mover F101 Hyper, 213
Digital shoplifting, 308
Digitaru manbiki, 308
Disciplinary matrix, 79
Dispatchers, 250
Dispatch system, 243–244
Diversity. *See also* Cultural differences
 in technology, 7, 15
Dixon, Nancy, 101n
Dobashi, Shingo, 12
DoCoMo. *See* NTT DoCoMo
Domestication, 12, 14, 60, 220–232
Domestic technologies, 228–229, 233
Dourish, Paul, 6, 13
Duhem's Thesis, 79
Duranti, Alessandro, 273n

Eldridge, Margery, 9, 259
Electromagnetic waves, 24, 217n
E-mail, 150–158. *See also Keitai* e-mail
 addresses, 156
Emoji, 35–36
Encounter sites. *See Deai-kei*
Engeström, Yryo, 238
Enjo kousai, 26, 165, 188, 193
Etegami, 89
Ethnography, 11
Everyday life, 14–15
Existential connectedness, 77
Expertise, with webphones and PCs, 149
Expression, 35

Face-to-face communication, 118, 186
Face-to-face meetings, 117, 178, 268, 270
Face-to-face relations, 175
Family, 31, 129, 226
 communication, 226, 131
 individualization, 130
 relationships, 226–230
Fashion, 81, 87
Feather, Frank, 197
Ferguson, James, 260
Feyerabend, Paul, 79
Fischer, Claude, 41, 60, 138–139, 222
FOMA, 67
Foucault, Michel, 237
Friendships, 115, 126
 diversification of, 127
 youth, 140n (*see also Bell-tomo*; *Chu-tomo*; *Jimo-tomo*; *Mail-tomo*; *Ona-chu*)
Front stage, 209
Fujimoto, Kenichi, 9, 20–21, 38n, 80, 89, 91, 97, 100n, 101n, 216
Fujimura, Joan, 38n, 177, 216, 260
Fujita, Hidenori, 139

Full-time intimate community, 10, 14, 30–31, 133, 264, 306
Funk, Jeffrey, 145
Furst-Dilic, Ruza, 233

Gadamer, Hans-Georg, 78
Gadget, 91
Gandy, Oscar, 309
Gaze, 209
Geertz, Clifford, 100n
Gemeinschaft/Gesellschaft, 11, 138
Gender, 148, 221, 226
 bias, 228, 231, 234
 differences, 81, 228, 288–289
 identity, 233
 norms, 228
General Affairs Bureau, 278
Geser, Hans, 163
Gibson, William, 2
Giddens, Anthony, 179–180
Ginko poetry, 86
Girls' pager revolution, 79, 81, 89, 98, 101n
Global Positioning Services (GPS), 69
Goffman, Erving, 200, 206, 208– 210, 257, 259
Goodwin, Charles, 238, 273n
Gottlieb, Manette, 5
Government regulation, 62
Green, Nicola, 4, 6
Greer, Scott, 163
Grinter, Rebecca, 9, 259
Grønbæk, Kaj, 252–253
Group uses of *keitai*, 43, 45
Grudin, Jonathan, 13
GSM, 74n
Gumpert, Gary, 55, 198
Gupta, Akhil, 260
Gyaru, 80. *See also Kogyaru*
Gyaru-moji, 87

Habuchi, Ichiyo, 10, 27–28, 30–31, 39n, 133–135, 139n, 166–167, 170, 180, 264
Haiku, 85–86, 89
Hall, Edward, 200
Hall, Justin, 308
Hampton, Keith, 163
Hara, Kiyoharu, 36
Harajuku, 42
Haraway, Donna, 233, 260
Harootunian, Harry, 2
Harper, Richard, 4, 6, 9, 11, 146, 252, 259
Hashimoto, Yoshiaki, 30–31, 34, 38n, 39n
Haythornthwaite, Caroline, 5, 143–144, 151, 159, 160
Hegel, Georg, 77–78, 101n
Heta-moji, 87
High school girls' culture, 87. *See also Kogyaru*; Youth
High schools, 36
Himeno, Keichi, 10, 30, 31, 133, 264, 306
Hine, Christine, 6, 8
Hirosue, Ryoko, 54
Hirsch, Eric, 60, 220
History
 of mobile media, 42
 of NTT DoCoMo, 62
 of telephone, 222
Hjorth, Larissa, 4
Hogan, Bernie, 159
Holden, Todd, 4
Home, 220–234
 mobility within, 224
Home pages, *keitai*, 124
Home phone, 136
Homophily, 139
Horkheimer, Max, 99
Hoshino, Hiromi, 25
Hosokawa, Shuhei, 55
Household, 234
Household media, 46
Housewives, 221, 230
 and communication, 225
 as research focus, 221
 roles, 223, 226
 as sociotechnical entity, 232–234
 and technology, 222
Housework, 223–224

Hsain, Iliahiane, 3
Huff, Sid, 145
Hughes, Thomas, 6, 41, 212, 237, 260
Hutchins, Edwin, 248

Ichijo, Kazuo, 101n
ICQ, 190
Ida, Mieko, 38n
Identities, 105, 199. *See also* Selves
  cyberspace, 105, 186 (*see also* Online personas)
  formation, 179, 200
  insecurity, 176, 177
  security, 176
IDO, 52
Ikeda, Ken'ichi, 6, 9, 22, 149, 155
Illich, Ivan, 20
Images of *keitai*, 22, 104
Imaginary, 15n
ImaHima, 197
I-mode, 1, 3, 37. *See also* Adoption, i-mode; *Keitai* Internet; NTT DoCoMo
  as multimedia, 47
  success, 68
Info-Plant, 302, 305
Informal practices, 249, 252
Information and Telecommunications Handbook, 74n
Information systems, 271
Inomata, Kensuke, 36
Insecurity, 175, 178–180. *See also* Identities, insecurity
Instant messenger, 190–191, 196
Interaction analysis, 206, 273n
Interdisciplinarity, 14
Intergenerational relations, 27. *See also* Parent-child relations
Internet
  access, 6
  ethnography, 8
  research, 4, 8
  romance, 190–192 (*see also* Couples; *Deai*; *Deai-kei*; *Paso-kon*; Relationships, romantic)
  studies, 5, 9 (*see also* Online community)
  use, international comparisons, 143, 159
Interpretive flexibility, 210, 216
Intimacy, 14, 176, 184. *See also* Couples; Family, relationships; Relationships
Intimate stranger, 10, 184, 200–201
Involvement, 208
Involvement shield, 209
IPSe, 261
Ishida, Yasuhiko, 25
Ishiguro, Itaru, 166
Ishii, Kenichi, 31, 36
Ishikawa, Masato, 200
Ishita, Saeko, 27
I-shot, 301
Ito, Mizuko, 5, 7, 9, 12, 21, 25, 35–36, 163n, 235n, 258, 261, 305–306
Ivy, Marilyn, 3
Iwagami, Mami, 132
Iwata, Kou, 30

Japan railway, 24
Japan.internet.com, 306
Japanese culture. *See* Culture, Japanese
JASRAC, 54
Jibetarian, 22, 26–27, 38n, 93
Jimo-tomo, 126, 139, 140n
Joh, Hitoshi, 25
Johou Tsushin Handbook, 74n
Jones, Stephen, 9
Journalism, 308
J-Phone, 35, 48, 52, 56, 67, 301. *See also* Vodafone
J-Phone SkyWalker, 35
J-Pop, 87

Kadono, Yukihiko, 101n
Kaeru calls, 128, 129
Kageyama, Yuri, 145
Kaiseki, 89
Kamimura, Shuichi, 38n
Kant, Immanuel, 93
Kasesniemi, Eija-Liisa, 9, 49, 125, 259

Kashima, Shiyeru, 97
Kashimura, Aiko, 105
Kato, Fumitoshi, 21, 309
Kato, Haruhiro, 8, 21, 28
Kato, Hidetoshi, 131
Katz, James, 4–6, 100n, 101n, 161
Kawaii, 91
Kawatoko, Yasuko, 239, 249
Kawaura, Yasuyuki, 22–24, 133
KDDI. *See* au; DDI Cellular Group; DDI Pocket
Keio Shonan Fujisawa Campus, 257
Keitai, defined, 1, 20
Keitai cameras, 48, 56, 59. *See also* Adoption, of *keitai* cameras
  features, 303
  reasons for purchase, 302–303
  regulation, 308–309
  resolution, 302
  usage patterns, 303, 305–306 (*see also* Photo sharing)
Keitai dependence, 115
Keitai e-mail, 35, 44, 49, 50–51, 124–125
  frequency of contact, 150
  and social networks, 150–158
  usage patterns, 260–266
    during class, 269
    after a meeting, 271
    in public transportation, 70, 261, 263
Keitai Internet, 1, 32, 33, 36. *See also* Adoption, of *keitai* Internet; Costs, of *keitai* Internet; i-mode
  and national identity, 34
  technology, 68
  usage patterns, 36, 124
Keitai removal, 107–108, 113–114
Keitai research, 21
Keitai stories, 117–119
Keitai straps, 87–88, 90
Kekkai. *See* Territory, personal and spiritual
Kennedy, Allan, 101n
Ketsu-en, 138, 175–176, 181, 141n
Kim, Jinwoo, 163n
Kim, Shin Dong, 133
Kimura, Tadamasu, 39n
Kimura, Yuichi, 183
Kioka, Yasumasa, 193
Kitada, Akihiro, 30
Knowledge societies, 77
Kobayashi, Kouichi, 47
Kobayashi, Tetsuro, 155
Kogyaru, 26–27, 79–81, 98. *See also* High-school girls' culture
  defined, 22
  fashion, 87
Kohiyama, 8, 21, 22, 61, 65, 70
Koku, Emmauel, 160
Kollock, Peter, 9
Komagire schedule, 225–226
Komuso, 86
Kopomaa, Timo, 206
Kotani, Satoshi, 38n
Kotera, Atsushi, 30
Kuhn, Thomas, 77–78, 101n
Kurihara, Masaki, 35
Kurihara, Satoshi, 65
Kuriiku (magazine), 38n
Kurita, Nobuyoshi, 58–59

Larimer, Tim, 3
Larsson, Catrine, 146, 206, 258
Lash, Scott, 179
Latour, Bruno, 206, 217n, 237, 260
Laurier, Eric, 12, 251, 259
Lave, Jean, 273n
Law, John, 6, 41, 212, 233, 238
Leasing system, 64, 67
Leighton, Barry, 160
Leisure, 47
Licoppe, Christian, 160
Lie, Merete, 233
Life rhythms, 38n
Lifestyle study, 235n
Ling, Richard, 9, 11–12, 125, 152, 161, 166–167, 180, 206, 209, 258
Literacy. *See* Media literacy
Livingstone, Sonia, 228

Local contact, 151–152
Location-based services, 69–70
Long-distance contact, 151–152
Loose socks, 87, 97. *See also Kogyaru*
Lovegety, 197
Luckmann, Thomas, 100n
Lyon, David, 309

Mail-tomo, 83, 116, 117, 172–174, 176, 178, 186, 199
Manners
 for meeting making, 268
 in public places, 23–26
 on trains, 25, 208, 211–216
 for usage, 265
 youth, 24, 26–27
Mannheim, Karl, 77, 100n, 273n
Manufacturers, 63
Maps, 248
Marcus, George, 15n
Marital status and *keitai* use, 135–136
Marx, Karl, 77
Masataka, Nobuo, 39n
Massey, Doreen, 265
Master-slave dialectic, 78
Matsuda, Misa, 7, 9, 20, 22, 30–31, 35, 39n, 42–43, 65, 128, 166–167, 219, 222, 227, 228, 257, 272, 133–136, 139n, 140n, 141n
Matsui, Takeshi, 38n
Matsumoto, Yasushi, 138, 141n, 166
Matsunaga, Mari, 33, 48, 54, 74n
Matsushita, Konosuke, 86
McCullough, Malcolm, 13
McLelland, Mark, 5
McLuhan, Marshall, 77, 163
Media literacy, 36, 79, 100n, 103, 118
Meetings, 266–268
Meguro, Yoriko, 129, 144, 160
Meiru, defined, 35. *See also Keitai* e-mail; Short Mail; Short message service
Meru-tomo. *See Mail-tomo*
Messaging. *See Keitai* e-mail; Short Mail; Short message service
Meyrowitz, Joshua, 198, 259, 271
Miai. *See* Arranged marriages
Micro-coordination, 14
Micropayment system, 68
MicroTAC, 34, 72
Middleton, David, 238
Mikami, Shunji, 25, 30–31, 34–35, 38n, 39n
Milgram, Stanley, 24, 186, 200
Miller, Daniel, 5, 8, 143
Miniskirts, 87
Ministry of Health, Labor, and Welfare, 141n
Ministry of Posts and Telecommunications, 45, 217n
Ministry of Posts and Telecommunications Surveys, 45
Ministry of Public Management, 73, 140n, 145
Ministry of Transport, 217n
Mitra, Ananda, 163
Mitsuya, Keiko, 125
Miyadai, Shinji, 38n
Miyake, Kazuko, 35
Miyaki, Yukiko, 21, 31–32
Miyata, Kakuko, 6, 9, 21, 30, 146, 155
Miyoshi, Masao, 2
Mizukoshi, Shin, 46
Mobile Communication Research Group, 27, 36, 38n, 50, 128, 168, 174, 178, 222, 261, 123–124, 134–136, 141n, 170–171, 182n, 219–220, 235n
Mobile communications industry, 62–63, 67
Mobile e-mail. *See Keitai* e-mail
Mobile future, 2–3, 15
Mobile Internet, 145. *See also Keitai* internet
 comparison with PC Internet, 195
Mobile Media Research Group, 126, 139n, 140n
Mobile text chat. *See Keitai* e-mail; Text chat
Mobile work, 12, 251. *See also* Cooperative work
Mobilism, defined, 80. *See also Nagara* mobilism
Mobility, 251
Modernity, 3
Modernization, 166, 179–180

Modes of communication, 156–158
Mola (pager), 44
Moral panic, 25, 165
Mori, Kumiko, 25
Mori, Masumi, 235n
Morita, Akio, 34
Morley, David, 3, 39n, 60, 220
Morocco, 3
Motherhood, 227, 229
Mothers and *keitai* use, 289. *See also* Housewives
Multimedia, 47
Murtagh, Ged, 11, 206, 209, 258
Musume yado, 81
Myerson, George, 101n
Mynatt, Elizabeth, 264

Nagai, Susumu, 62
Nagai, Yoshikazu, 101n, 200
Nagara, defined, 80
Nagara mobilism, 79–89
Nakajima, Ichiro, 10, 30–31, 133, 264, 306
Nakamura, Isao, 22, 29, 35, 38n, 44, 165, 198, 212
Nakamura, Kou, 278
Nakano, Osamu, 46
Nakano, Sachiko, 38n, 125
Naka-shoku, 93
Nardi, Bonnie, 12
Narrative, 107
National context, 37
National identity, 15. *See also* Nationalism; Technonationalism
National Insitute of Population and Social Security Research, 173
Nationalism, 3. *See also* Technonationalism
National Police Agency, 182n
Native scholarship, 4
Natsuno, Takeshi, 48
Navarro, Vija, 32
Navigety, 197
Nazer, Nancy, 160
NetLab, 160
Network characteristics, 156–158. *See also* Personal networks; Social networks
Network diversity, 153–155. *See also* Personal networks; Social networks
Networked individualism, 10, 160–163
Networked societies, 160, 161
Network size, 155. *See also* Personal networks; Social networks
New common carriers, 43, 62–63
New Year's cards, 155
Newman, Susan, 238
NHK, 38n, 223
NHK Broadcasting Culture Research Institute, 131, 137, 140n, 141n
Nifty Serve, 190
Nihon Keizai Shinbun (newspaper), 24
Nihongo-Gaku, 35
Nihonjinron, 34
Ninomiya, Sontoku (Kinjiro), 85
Nippon Telegraph and Telephone. *See* NTT; NTT DoCoMo
Nishioka, Ikuo, 25
Nolan, Jason, 5
Nomura Securities Company Ltd., 131
Nonaka, Ikujiro, 101n
Norms for *keitai* use, 24. *See also* Manners
 in youth, 26
Nozawa, S., 160, 163, 144
NTT, 42–43, 52, 61–63, 66, 186
NTT DoCoMo, 1, 3, 32–33, 35, 39n, 52, 60, 62–63, 68, 74n
 business strategy, 45, 53–54, 67–68
 history, 62–63

Obsolescence of address, 199
Oda, Kumiko, 31
O'Hara, Kenton, 12, 259
Ohira, Ken, 28
Ohta, Hiroshi, 53
Okabe, Daisuke, 12, 21, 25, 35–36, 305–306
Okada, Tomoyuki, 7, 20–22, 25, 29, 31, 39n, 42, 65, 133–135, 140n, 145, 166, 170, 186, 301

Okonogi, Keigo, 39n, 165, 198
Okuno, Takuji, 46
Ona-chu, 126, 140n. *See also Chu-tomo*
Online community, 195–198. *See also* Community; Internet, studies; Networked societies
 telephone, 196–197
Online personas, 198–199. *See also* Identities
Ono, Hiroshi, 4, 149
Open tool, 248–249
Organizational culture, 101n
Organizational restructuring, 250
Orientalism, 87
Orr, Julian, 239
Osaka, 42
Otaku, 27
Otani, Shinsuke, 136–137, 141n, 144, 158, 160, 163
Ownership, sense of, 230–232
Oyaji, 79, 81, 85, 93, 97–98, 100n

Pacemaker, 215–216
Pagers, 27. *See also* Adoption, of pagers; *Poke-kotoba*
 display type, 64, 53
 history of adoption, 43–45, 64
 research on, 38n
 and texting, 51
 usage patterns, 27, 52, 59–89, 127, 170, 172
Panopticon, 237, 244
Paradigm, 79, 93
Paradigm shift, 86, 101n
Paradigm theory, 78
Parasite, 101n
Parent-child relations, 31, 129, 226–228. *See also* Family; Motherhood
Parents, 291–292, 292–296
 views on communications, 291–292
 views on *keitai* use, 292–296
Participatory design, 253.
Party line, 186
Paso-kon, 190. *See also* Internet, romance; Relationships, romantic
PBX, 65
PC and *keitai* Internet, 196
PC Internet, 33, 36, 38n
PCs in the home, 231
PC-VAN, 190
Peer relations, 176, 179, 266. *See also* Friendships
Peer-to-peer visibility, 309
Peripheral awareness, 15
Personal communication, 36. *See also* E-mail; *Keitai* e-mail; Voice calls
Personal communication services, 66
Personal Handyphone System. *See* PHS
Personalization, 42–47, 70–73
Personal networks, 136–138, 195–198. *See also* Network characteristics; Social networks
Personal uses, 14, 47, 135
Perspective structures, 77
Pervasive computing, 13, 15. *See also* Ubiquitous computing
Phone calls. *See* Voice calls
Photo sharing, 36, 89, 305–307. *See also Keitai* cameras, usage patterns; *Sha-mail*
Photography, small-scale, 307–308. *See also* Camera phones; *Keitai* cameras
PHS, 24. *See also* Adoption, of PHS; Costs, of PHS
 business strategy, 45, 64–66
 defined, 20, 65
 devices, 72
 history and adoption, 38n, 52
 technology, 74n
 usage patterns, 177, 227
PHS VP-210, 56
Pinch, Trevor, 41, 206, 212, 260
Place, 13, 259
Plant, Sadie, 3, 4, 11, 206, 257, 258
P-Mail, 54. *See also* Short Mail, Short message service
Pocket board, 60
Poke-beru. *See* Pagers
Poke-kotoba, 51
Popper, Karl, 101n

Popular discourse, 19
Power geometries, 265
Practice-based studies, 11
Prepaid phones, 277
Presence, 15, 263–265, 271
Print Club, 56. *See also Puri-kura*
Privacy, 69
Private Branch Exchange (PBX), 65, 74n
Private communications, 9, 11
Privatization, 139
Prototyping, 253
Psychological neighborhood, 138
Public places, 11, 14, 23–26, 206, 258. *See also* Manners, in public places
Public transportation, 25. *See also* Trains
Puchi iede, 39n
Puri-kura, 26, 56, 58–59, 305
Puro, Jukka-Pekka, 136

Quain-Haase, Anabel, 151, 159, 162

Rakow, Lana, 32, 222
Rautiainen, Pirjo, 9, 49, 125
Real/virtual relation, 106
Reflexivity, 180–181
Regulation, 25, 206–207
Reingold, Edwin, 34
Relationships, 137–139, 167, 181. *See also Chi-en*; *Ketsu-en*; Parent-child relations; Personal networks; *Sentaku-en*; *Sha-en*; *Shumi-en*; Social networks
 individual choice, 137
 introductions, 173
 romantic, 110, 173–174, 177–178 (*see also* Couples; *Deai; Deai-kei;* Internet, romance; *Paso-kon*)
 selectivity, 123
 status-role, 105
 superficial, 36
 urban, 137–139
 youth, 29, 180
Relevant social actors, 212–213
Resistance, 81
Rheingold, Howard, 2, 3, 4, 9, 144, 308
Rhythm of *keitai* use, 225
Rights of dispatch, 249
Rikyu. *See* Sen, Rikyu
Ring tones. *See Chaku-mero*; *Chaku-uta*
Rivière, Carole, 160
Robins, Kevin, 3, 39n
Rogers, Everette, 51
Romance, 193. *See also* Relationships, romantic

Said, Edward, 87
Saito, Takao, 309
Sakai, Junko, 23
Salvador, Tony, 12, 251
Schafer, Murray, 56
Schegloff, Emanuel, 259
School administrators, 298
School uniforms, 81, 86
Schools. *See also* Manners
 rules for *keitai* use, 296–297
Schwarz, Heinrich, 12, 259
Scientific revolution, 79
Scientific theory, 79
Security, 72, 166, 170, 179, 200. *See also* Identities, insecurity; Insecurity
Segway, 98–99
Selective, 137–140
Selective interpersonal relationships, 138–139
Selective sociality, 10, 30–31, 272
Self-actualization, 176, 179
Self-dispatch system, 245, 250
 keitai-based, 246–247, 253
 laptop-based, 245, 253
Self-identification, 179
Selves, 117, 198. *See also* Identities
Sen, Rikyu, 89, 90, 91
Sentaku-en, 138. *See also* Selective sociality
Serres, Michel, 79, 101n
Service area, 242–243
Setiyama, 227
Setting, 260
Several, Michael, 101n
Sha-en, 138, 141n

Sha-mail, 56, 301. *See also Keitai* cameras; Photo sharing
Sherry, John, 12, 251
Shibui, Tetsuya, 2
Shibuya, 2, 42
Shikohin, 89–94, 101n
Shikohin Study Project, 89
Shimizu, Shinji, 129
Shimomura, Mitsuko, 34
Shinjinrui, 27
Shokai, 173
Short Mail, 35. *See also* Cellular text service; *Keitai* e-mail
Short message service, 47. *See also* Cellular text service; *Keitai* e-mail
Shoulder phone, 42
Shumi-en, 139
Silverstone, Roger, 60, 220
Simmel, Georg, 166, 200
Situationists, 259, 273n
SkyWalker, 53–54
Slater, Don, 5, 8, 143
Smart Mobs (Rheingold), 2, 4
Smith, Marc, 9, 152
Social construction, 41, 60
Social constructivism, 93, 237
Social expectations, 265
Social networks, 138–139, 149, 161–162, 250. *See also* Network characteristics; Personal networks
Social order, 206, 272
Social positions, 199
Social problems. *See* Youth, problems
Social relationships. *See* Relationships
Social roles, 226
Social situations, 208–210
Sociocultural diversity, 5. *See also* Cultural differences
Sociology of knowledge, 77, 100n
Sociotechnical entity, 233, 234
Sociotechnical networks, 238
Sociotechnical practices, 13
Soken, Dentsu, 33
Sontag, Susan, 307
Sørensen, Knut H., 233
Soundscape, 56
Spatial arrangements, of house, 224, 229
Spigel, Lynn, 234n
Stabilization, of technology, 212
Standards, 7
Strangers, 166–167
Stratification, 15
Subcultures, 87
Subscription plans. *See* Costs, subscriptions
Suchman, Lucy, 6, 273n
Sukisha, 89
Surveillance society, 309
Syasei, 89

Tachikawa, Keiji, 61, 70
Takada, Masatoshi, 89
Takaeyama, Masanao, 36
Takahashi, Kazuo, 36
Takahiro, Norihiko, 29, 43, 51, 53
Takeda, Toru, 25
Tale of Genji, 89
Tamaru, Eriko, 12, 21, 37, 239
Tanaka, Megumi, 137
Tatemae, 83
Taylor, Alex, 146, 259
Taylor, Richard, 2, 11
TCA. *See* Telecommunications Carriers Association
Tea, 89–90. *See also Chado*
Team, in work, 250
Technological determinism, 93, 237
Technological systems, 212
Technology and society, 6, 219, 232–233, 237, 260
Technology uptake, diversity in, 6
Technonationalism, 32–34
Techno-orientalism, 3, 39n
Technoscience studies, 232, 237
Technosocial framework, 259
Technosocial situations, 12, 259–272
Tedlock, Dennis, 273n

Telecocoon, 10, 14, 133, 178–179, 181, 264
defined, 167
Telecommunications Carriers Association, 64, 214, 302
Telekura, 166, 184, 186, 188
Telephone use rules, 41, 294–295
Telephony. *See* Voice calls
Telepoint, 65
Territory, personal and spiritual (*kekkai*), 97, 100
Territory machines, 97
Text chat, 261–264
Text messaging. *See Keitai* e-mail
Third-generation (3G) networks. *See* 3G networks
Third-stage paradigm, 93, 98–100
Ties, strong and weak, 152. *See also* characteristics; Personal networks; Social networks
Ties, supportive, 152–153
Time Asia (magazine), 3
Time flexibility, 224
Time use survey, 131, 140n, 223
Tkach-Kawaski, Leslie, 143
Tokunaga, Sachio, 61, 70
Tokyo, 2
Tokyo Metropolitan Government, 45, 47, 56
Tokyo Telemessage, 43–44. *See also* Pagers
Tomita, Hidenori, 10, 20–21, 24, 27, 38n, 42, 80, 177, 184
Tönnies, Ferdinand, 11
Trains. *See* Announcements in trains; *Keitai e-mail,* usage patterns, in public tranportation; Manners, on trains
Transit literacy, 118
Tsuji, Daisuke, 30, 31, 35
Tsukamoto, Kiyoshi, 34
Tsume-eri, 81, 86
Tsunashima, Ritomo, 23
Tsunoyama, Sakae, 90
Tsuruki, Takako, 4
Tsuyama, Keiko, 62
Tsuzurahara, Ai, 36
Turkle, Sherry, 198
Two-shot service, 184, 186

Ubiquitous computing, 13. *See also* Pervasive computing
Ueno, Chizuko, 138, 141n
Ueno, Naoki, 12, 21, 37, 238, 239
Ukai, Masaki, 101n
Ukiyoe, 89
Uniforms. *See* School uniforms
United States, 6, 143
Urban interpersonal relationships, 137–139
Urbanization, 46, 138, 166
Urban space, 24, 56, 197–198, 200
User demographics, 38n
User innovation, 92
User participation in design, 252–253
Utsurun-desu, 58

Van Quine, Willard, 79, 100n
Variability. *See* Diversity
Video productions, 103
Video Research, 46, 261
Visualization of information, 254
Visualizing a service area, 248
Vodafone, 35, 48, 52, 56, 67, 301. *See also* J-Phone
Vogel, Ezra, 3
Voice calls, 37, 49, 128
frequency, 168
Voice mail, 166
Von Krogh, George, 101n

Wakabayashi, Mikio, 46, 134
Wakashu yado, 81
Wakeford, Nina, 12, 250
Wallpaper, *keitai*, 59, 87
WAP (Wireless Application Protocol), 145
Watanabe, Asuka, 31
Watanabe, Jun, 198
Watts, Duncan, 155
Web access, 124
Webphone, defined, 143

Web sites, 35, 124
Weilenmann, Alexandra, 11, 146, 206, 258–259
Weise, Elizabeth, 5
Weiser, Mark, 13
Wellman, Barry, 5–6, 8–10, 21, 143–144, 151, 153, 158–163
White Paper on Communications in Japan, 33, 44–45, 62
White Paper on Information and Communications in Japan, 56
White, Merry, 160
Whittaker, Steve, 12
Wi-fi, 70, 197
Wired, 2
Wireless communications, 62
Wireless local loop, 66
Wireless spectrum, 62
With Love—Chikazuku Hodo ni Kimi ga Toku Naru (TV program), 191
Wittgenstein, Ludwig, 78
Woolgar, Steve, 5
Workplace, 37
Workplace studies, 237–238. *See also* Cooperative work; Coordination, in work
World Internet Project, 36, 39n
World Internet Project Japan, 36, 163n
Wortley, Scot, 153, 158
Wristwatch, 93

Yahoo Instant Messenger, 191. *See also* Instant messenger
Yamagishi, Toshio, 166
Yamanashi prefecture, 144, 146
Yan, Xu, 163n
Yano, Masakazu, 223
Yasashisa, 28, 29, 36
Yatate, 86
Yomiuri Photograph Grand Prix, 307
Yomiuri Shinbun (newspaper), 212, 213, 214, 215
Yoneyama, Toshinao, 141n
Yoshii, Hiroaki, 10, 30, 31, 133, 264, 306
Yoshimi, Shunya, 34, 45–46, 184
Yoshino, Kosaku, 3
Youth, 38n. *See also Jibetarian*; *Kogyaru*; Manners, youth; *Nagara* mobilism; Relationships, youth
  problems, 24–26, 37, 165
  research, 28, 219
  as social actors, 213–215
  and text messaging, 260
  usage patterns, 25, 39n, 261
Youth Affairs Administration, 140n
Youth popular cultures, 41, 86, 170
You've Got Mail (film), 191
Yttri, Birgitte, 9, 12, 125, 152, 161, 166–167, 180

Zavodny, Madeline, 4, 149