

Index

- Abernathy, W.J. 179
acceleration 9–11, 15, 46, 49
Ackoff, R.L. 220
adaption dynamic capability 205–208,
213–214, 219, 221–222
Allen, T.J. 47, 52
Amabile, T. 47
Amburgey, T. 17, 47, 49
Apple 2, 24, 36, 43, 70, 77–78, 103–128,
148, 163, 166–167, 173–174,
201–202, 207, 210, 212–213, 217,
221, 223
Apple New Product Process 112
asset orchestration 6, 12–16, 26–27,
33–34, 39–40, 45, 48–49, 56–61,
66–67, 73, 76, 80, 82, 88–89, 91,
97, 103–107, 109, 111, 116–117,
119, 123–128, 133, 141, 144–146,
151–155, 160–162, 164, 167, 171,
176, 182–183, 185–187, 191, 193,
195–196, 200, 215, 217, 223
- Barney, J. 5, 60, 186, 211
Bechky, B.A. 115
Birkinshaw, J. 207
blue ocean strategies 45
boundaries congruence 59, 201, 211,
213, 222–223
boundaries management 201
boundaries vision 26, 48, 65, 195–196,
215–217, 222
boundary network 27, 32–34, 39–40,
71, 103, 105–106, 114–120, 126,
128
breakthrough innovation 2, 11, 13
breakthrough innovation capability
9–10, 15, 50
Brown, J.S. 27, 50, 52, 115
Buckman, R. 31
Burgelman, R.A. 50
Burns, T.E. 55
- Canon 64, 69, 79–80, 149, 179
capabilities abrasion 81, 94, 97, 99–101,
166–167, 171
capabilities congruence 6, 54–58,
60–63, 66, 78, 81–83, 85–86, 89,
94, 97, 99–101, 103, 109, 122,
124, 128, 130, 134, 142, 145, 166,
172–173, 176, 178, 187, 190, 193,
195, 199–201, 217, 223
capabilities friction 97, 99, 101
capabilities lifecycles 17, 36–39, 44–47,
52, 71, 207–211
Capabilities Map 1, 5–6, 9–11, 17–19,
21–23, 38, 44–45, 52, 54, 62, 69,
72, 74, 76, 91–92, 94–95, 97,
100–101, 171, 195–197, 199, 205,
207, 218, 223
capability opportunities 10, 17, 39, 41,
43–45, 47, 51, 89, 210
Carlile, P. 28–29, 30, 76
centralized leadership 17, 92–94,
122–123, 127–128, 137
chain-linked model 45, 47
Chambers, J. 132–133, 135, 138, 145
Chandler, A.D. 55, 99
Chesbrough, H. 12, 27, 87, 216
Christensen, C.M. 2, 4, 12, 23, 48, 50,
109, 114, 166, 173, 221
Clark, K.B. 179, 198, 221
collaboration management 130–131,
134, 140, 143, 145
collectivities of practice (Col.oP) 25,
29–31, 36, 43, 52, 92–93, 99
Collins, J. 6, 22, 25, 29, 55, 66–67, 157,
172
common ground 106, 115, 117
common interests 106, 115, 117, 171
communities of practice (CoP) 25, 27,
30, 36, 43, 92–94, 99, 183, 190, 192
competency trap 109, 166, 168–170,
220

- Cook, Tim 112, 125
 core rigidities 109, 166, 168–170, 174–176, 220
 corporate boundaries 7, 10, 13–14, 26, 56–57, 65, 81–82, 84–86, 89, 103, 178, 185, 193, 199, 201–204, 211, 214, 216
 corporate governance 82, 146, 156, 158–159, 162, 201
 corporate strategy 2–3, 66–68, 82, 85, 158–160, 202
 corporate systems 16, 54–63, 66–68, 82–83, 85–90, 101, 109, 124–128, 142, 144, 161, 185, 187–188, 195, 199–201, 203–204, 211, 213–215, 218, 221–223
 co-specialization 13, 40, 64, 66, 68–70, 78, 82, 98, 104, 109, 111, 125, 132–133, 167
 creative abrasion 32, 50, 115, 167
 creative accumulation 219–222
 creative destruction 218–222
 cross innovation 48
 cross-functional teams (CFT) 72, 74, 76, 98, 161
 Cusmano, M.A. 68
 customers as innovators 105
- D’Aveni, R.A. 6
 Danneels, E. 6
 Dewar, R. 2–3
 dialectical dialogue 97
 dialectical management 50–51
 digital hub 103, 105
 discontinuous innovation 2
 discovery 9–11, 47, 49, 104, 219, 222
 disruptive innovation 2, 152
 distributed leadership 92–94, 122–123, 127–128, 138, 140, 144
 Dixon, S. 205, 207–208, 211
 doing the right things 6, 10, 12, 14–15, 150, 190
 Dougherty, D. 52, 59, 220
 Drucker, P.F. 222
 dual-purpose 196–197, 199
 Duguid, P. 27, 52
 Dutton, R. 2–3
 dynamic capabilities cycle 205, 211, 213
 dynamic strategic management 54, 56, 59, 61, 199–201, 204, 206, 211, 215, 221–222
 dynamic view of capabilities 19, 37, 45, 48, 209
 dynamic view of strategy 1, 4, 218
- ecosystem strategies 6, 65
 Edsel 222
 Eisenhardt, K.M. 7–9, 52, 63, 84, 87, 133, 202
 Ettlie, E. 2–3
 evolutionary fitness 57, 109, 200
 executive team (ET) 106, 112, 118, 126–127, 158–160
 exploitation 2–3, 8, 15–16, 19, 21, 45–46, 48, 50–52, 95, 97, 99, 101, 117, 150, 154, 157, 160, 164–165, 172, 205–208, 214, 216, 218–219, 221–222
 exploitation SC 152–155
 exploration 2–3, 8, 11, 13, 19, 21, 45–46, 48, 50–52, 91, 95, 97, 99, 101, 117, 150, 153–154, 157, 160, 164–165, 172, 205–208, 214, 216, 218–219, 221–222
 exploration SC 152–155
 external and internal congruence in capabilities 16, 46, 96–97, 195
 external and internal fit 55
- Floyd, S. 18
 Ford 222
 four specific factors 195, 217
 Fujifilm 146–153, 155–156, 159–160, 164, 201, 207, 209–210, 212–213, 217, 221, 223
 Fujitsu 166, 168, 212
- Ghoshal, S. 12, 15, 60, 185
 Govindarajan, V. 4, 50
 GPS 169
 Grant, R.M. 224
 Grove, A.S. 172
- Hagel III, J. 50, 115
 Hamel, G. 213, 218–220
 Hargadon, A. 2
 Helfat, C.E. 6, 17, 22–23, 33, 37–39, 42–45, 47, 57–58, 66, 70–71, 96,

- 109, 111, 132, 134, 184, 195–200, 207–211, 216
- Heller, T. 4, 50
- Henderson, R. 2, 221
- higher-order capabilities 22, 25
- high-level routines 24, 133
- high-velocity markets 6–7
- Hill, C. 50
- human capital 38
- hybrid innovation 27, 69, 87, 216
- hypercompetition 6
- IBM 23–24
- IDM 180–184, 187–188, 191–193
- i-mode 89–90, 96–99, 101, 167–171, 173–176
- incremental innovation 1–4, 10, 12, 16–21, 23, 33, 40–43, 45, 48, 51–52, 62, 92, 117, 125, 130, 135, 140, 142, 170, 206–207, 213, 218, 220–221, 223
- incubation 9, 11, 13–14, 20
- innovation dynamic capability 205–208, 210–211, 213–214, 219, 221–222
- innovators dilemma 109, 114, 166, 173
- intangible assets 12–14, 26–27, 33, 42–43, 60, 62–68, 70, 76, 78–79, 81, 83, 85–87, 91, 104–106, 109, 111, 123–125, 128, 131, 133, 140–141, 143, 145, 171, 195, 210, 215–217, 222
- integrated capabilities 197–199
- integrated organization 40–41, 101, 178, 183
- Intel 23, 68, 70, 172, 177–178, 193
- Isaacson, W. 110, 116, 124
- issue-driven community 31
- Jantsch, E. 29–30
- Japanese semiconductor manufacturers 177–178, 188, 190, 194
- Johansson, F. 48, 116, 220
- J-PHONE 168–169
- Kambil, A. 109, 166, 220
- Kanter, R. 50, 115
- Katz, R. 47, 105
- Kim, W.C. 45
- King, A. 8, 17, 47
- Klepper, S. 221
- Kline, S.J. 45, 47, 141
- knowledge boundaries 28, 30–32, 36, 52, 59, 87, 106, 113, 115–119, 142, 179, 192, 201
- Kodak 41–42, 146–151, 155–157, 159, 165
- Kodama, M. 3–4, 13–15, 17, 23, 25–27, 30, 35–37, 40, 47–48, 50, 53, 55–56, 63, 68, 71–76, 84, 87, 93, 97, 99, 101–102, 115–117, 123, 129, 131–132, 137–138, 141, 145, 155, 157, 160–161, 163, 171, 178–179, 189, 191, 201–202, 205, 207, 212, 216–217, 222
- Kogut, B. 18, 71
- Kutaragi, Ken 96, 108
- Lashinsky, A. 110, 114, 122, 124
- Lave, J. 27
- Lawrence, P. 55, 76
- leader teams (LT) 41, 64–65, 69, 80, 87–90
- leadership capabilities 41, 59–61, 63, 65, 67, 69, 78, 80–81, 83, 85–90, 93–94, 99, 115, 117, 122–123, 125–127, 136, 138, 140, 143–144, 188, 200, 215
- learning before doing 7, 10
- learning by doing 7, 10
- Leifer, R. 2–3, 11
- Leonard-Barton, D. 5, 50, 109, 115, 166, 175
- Levitt, B. 109, 166, 220
- Lindkvist, L. 25, 52
- loosely coupled organizations 183–184
- Lorsch, J. 55, 76
- M&A strategies 82, 130–134, 140–143, 145
- Maccoby, M. 123
- major innovation (MI) 8–10
- Malerba, F. 221
- March, J. 3, 8, 48, 109, 166, 205, 216, 220
- Mark I regime 218–219, 221–222
- Mark II regime 219, 221–222
- market-access capability 197
- Markides, C. 3–4, 17, 47, 59
- Martines, L. 109, 166, 220

- mental model 28, 31–32, 48, 52, 55, 59, 113, 220
- MI dynamic capability 8–11, 50
- Microsoft 68, 70, 108, 197, 202
- Miles, R.E. 55, 66
- Miller, D. 157, 216
- Mintzberg, H. 212
- MP3 108
- multiple-variant capabilities 196–197, 199
- Nadler, D. 52, 55
- near decomposability 76
- Nelson, R. 8, 17, 49, 220
- networked collaborative organization (NCO) 106, 117–120, 126–127, 130, 133–135, 138, 143–145, 163
- networked modular organizations 177, 181–182, 184–188, 191–193
- next-generation competition 6
- Nisbett, R. 52
- Nonaka, I. 47, 139, 155, 161, 205, 224
- non-routine 24–25, 27, 33, 42, 48–49, 59, 71, 75–77, 91, 107, 109–111, 114–115, 118, 120–121, 126, 132–133, 135–137, 140, 143, 159–160, 163, 165, 171, 184, 209, 223
- Nooteboom, B. 222
- NTT DOCOMO 25, 41, 71–75, 78, 85, 89–90, 96–99, 101, 166–169, 171, 173–176, 201, 207, 210, 213, 221, 223
- O'Connor, G.C. 2, 8–11, 13–15, 46, 49
- O'Reilly III, C. 3–4, 48, 50, 55, 66–67, 71, 158, 199
- only the paranoid survive 172
- open innovation 12, 27, 87, 93, 177–178, 185–187, 193, 216–217
- open innovation platform (OIP) 186
- operational capabilities 22, 59–61, 63–67, 69, 78–79, 81, 83, 85–86, 88, 90, 93, 120–123, 126–127, 134–137, 140, 143–144, 196, 205, 215
- organizational boundaries 25–27, 31, 34, 84, 87, 202, 215
- Orr, J. 27
- Osterlof, M. 157
- P&G 197
- Panasonic 35, 166, 179, 188
- path-dependent 2, 5, 12, 17, 21, 31, 94, 170
- PDA 175
- Penrose, E.T. 5
- peripheral vision 48, 65
- Peteraf, M.A. 17, 37–39, 42–43, 45, 47, 71, 207–211, 216
- Peters, T. 157
- Pfeffer, J. 28, 158
- Pisano, G.P. 5, 7, 84, 202
- platform leaders 68, 70
- PlayStation 23, 45, 85, 87–88, 96, 108, 210
- Porter, M. 5, 64, 211
- pragmatic boundaries 30–33, 36–37, 49, 72, 74
- Prahalad, C.K. 220
- productive friction 32, 50, 115, 167
- productivity dilemma 179
- project organizations 31–32, 52, 98, 107
- Qualcomm 70, 177–178, 180–181, 182–186, 188, 191, 193–194, 201–202, 207, 210, 213, 221, 223
- R&D 100 Award 71, 73, 102
- radical innovation 46, 49–52, 56, 92, 95, 101, 117, 123, 125–126, 130, 135, 140–142, 170, 206–207, 210, 215, 218–223
- Raynor, M. 215
- recombination 37, 39–44, 70–71, 208–210
- redeployment 37–44, 57, 70, 208–210
- Renesas 177, 188, 193
- renewal 5, 37–39, 41, 43–44, 89, 208–210, 212
- replication 37–44, 70–71, 208–210
- retirement 37–39, 41, 44, 46, 208–209
- retrenchment 37–39, 41, 44, 46, 208–209
- Richardson, G.B. 5
- Roberts, J. 52
- Robin, Jeffrey 105–106

- Romanelli, R. 47
 Rosenbloom, N. 216, 221
 Rumelt, R. 5, 16, 60
- Sanchez, R. 182
 SC Triad Model 146, 152–155, 164, 213
 Schilke, O. 6
 Schilling, M.A. 183
 Schumpeter, J. 218–219, 221–222
 seizing 5, 7, 9–11, 13–15, 38, 59–61, 66–67, 91–93, 95, 99, 106, 111, 117, 119, 133, 136, 156, 200, 206–208, 212, 214, 217
 selection events 38–39, 44–45, 47, 210
 semantic boundaries 29–33, 36
 sensing 5, 7, 9–11, 26–27, 38, 59–61, 66–67, 78, 91–93, 99, 104, 106, 110–111, 113, 115–118, 133, 136, 156, 160, 170, 173–174, 176, 200, 206–208, 212, 214–215, 222
 Shannon, C. 29–30
 Sharp 166, 168–169, 178
 Siggelkow, N. 55
 signature processes 10, 12, 14–16, 49, 60–61, 63, 66, 81, 111, 125, 133, 135, 143, 185–186, 189–191
 Simon, H.A. 76
 Snow, C.C. 55, 66
 social capital 38
 soft dialectics 35
 SoftBank 166, 174, 176, 201, 207, 210, 213, 221, 223
 Son, Masayoshi 174–176
 Sony 23, 45, 70, 78, 85, 87–88, 96, 103, 107–109, 128, 202, 210, 212
 Sony Music 96, 108, 128
 Spender, J.C. 48, 52
 Stalker, G.M. 55
 Starbucks 23
 strategic communities (SC) 25, 30, 32, 53, 72, 75, 77, 103, 105, 107, 114, 116, 119, 126, 128, 135, 137, 143, 146, 152, 157–158, 164–165, 167, 171, 190, 201, 223–224
 strategic community-based firm 146, 158, 161–165
 strategic concentration 10, 15, 17, 46–47, 51
 strategic contradiction 50
 strategic efficiency 10, 17, 46–47, 51
 strategic emergence 10, 12–14, 45–46, 49, 51
 strategic fit 55, 64, 66, 82
 strategic innovation 1, 3–5, 8–9, 11–13, 15, 17–19, 22, 24, 45–52, 54, 56, 77, 87, 91–92, 95, 97, 101, 103, 111, 117, 128, 130, 141, 145, 166–167, 177, 184, 195, 201–208, 210–211, 213–215, 218–219, 221–224
 strategic innovation capabilities (SIC) 19, 22, 45, 48, 50–52, 54, 56, 77, 92, 95, 97, 101, 111, 117, 166, 177, 184, 195, 205–208, 210, 213–215, 218, 223–224
 strategic innovation loops 45, 48–52, 77, 206–208, 210, 224
 strategic non-routine activities 25, 33, 42, 44, 49, 59, 75–77, 109, 114, 118, 121, 126, 132–133, 135–137, 140, 143–144, 184, 209, 223
 strategic selection 10, 14–16, 51
 strategic synergies 69, 71, 84, 131
 strategy transformation 42–43, 85, 87, 89–90, 95, 99, 101, 103–104, 109, 146, 166, 172, 209–210
 Sull, D. 7
 sustainable growth 1, 4–5, 7, 17–19, 21, 24, 52, 54–56, 62, 95, 101, 111, 130–131, 133, 141, 156, 159, 195, 207, 212, 218, 221, 223–224
 sustainable strategic innovation model 195, 201, 203–204, 210–211, 214, 218–219, 221
 sustaining innovation 23
 syntactic boundaries 29–30, 33
 synthesis SC 153–155
- tacit knowledge 47, 113, 189–190
 teams of boundaries (ToB) 25, 29–30, 32–33, 36, 43, 79–80, 92–93, 98–99, 181, 190, 192
 technologies synergies 131
 technology capabilities 59–61, 63, 65, 67, 69, 78, 81, 83, 85–86, 88, 90, 93, 104–105, 107, 111, 116, 119, 126–127, 130–131, 133–134, 142, 144, 215

- Teece, D.J. 4–12, 16–17, 20, 24, 55–57, 60, 62, 64, 66–68, 75–78, 82, 85, 91, 95–96, 99, 110–111, 132–133, 150–151, 156, 159, 185–186, 189–191, 193, 205, 211
- Thompson, J.D. 28
- thought worlds 28, 35–36, 52, 59, 113, 220
- Toshiba 23, 188
- total quality management (TQM) 29
- Toyota production system 189
- transformational experience 47
- transforming 2, 5, 9–11, 13–15, 38, 59–61, 66–67, 76, 91–93, 99, 111, 136, 156, 200, 206–208, 212, 214
- triad model 146, 152, 154–155, 164, 213
- trial-and-error 8–9, 13–14, 16, 18, 78, 87, 110, 142
- TSMC 177–178, 181–188, 191, 193–194, 201–202, 207, 210, 213, 221, 223
- Tucci, L. 8, 17, 47
- Tushman, M.L. 3–4, 17, 47–48, 50, 52, 55, 66–67, 71, 199, 216
- unproductive paranoia 170–171, 173, 176
- user innovations 65, 105
- Utterback, J. 126, 221
- Uzzi, B. 184
- valley of death 14, 39, 155, 198, 210
- vertically integrated organizations 178, 183
- Vogel, S. 157
- VRIN resources 60–62, 186
- Walkman 103
- Walmart 23, 157
- Weaver, W. 29–30
- Weick, K.E. 183, 220
- Wenger, E. 25, 27
- Wernerfelt, B. 5, 211
- willpower 10, 15–16
- Winter, S.G. 6, 8, 17, 22–23, 33, 42, 48–49, 62, 186, 195–199, 209, 220
- Zollo, M. 22, 48