

Index

A

- Abdo, Sufian, 121
- Abu Ghaith, Sulaiman, 66, 68
- Abu Ghraib Prison, 72, 99
- Abu Hadafa, 123
- Abu Hafs Brigades, 70
- Abu Jendal, 123
- ACLU (American Civil Liberties Union), 176–177, 218–219
- Acme Commerce, 110
- Advanced Research Projects Agency Network (ARPANET), 16–18
- The Advent of Netwar (Arquilla and Ronfeldt), 173
- Against All Enemies (Clarke), 191
- air-gapping, 149, 166
- Aleph (terrorist group). See Aum Shinrikyo
- Alexander, Yonah, 150
- Allah, Asad, 121
- Alliance Party of Northern Ireland, 96
- Alneda. See al Qaeda, Web sites
- al-Alshaikh, Abdul Aziz, 122

Amazon.com, 96
American Anti-Terrorism Coalition (ATC), 192
American Civil Liberties Union (ACLU), 176–177, 218–219
American Commission on Freedom of the Press, 233
American Northeast Intelligence Network, 227
American Psychological Association, 33–34
al-Ameriki, Abu Mohamed, 170
Amnesty International, 179–180
The Anarchist’s Cookbook, 123
Anderson, Ryan G., 119–120
Ansar al Islam, 98
Ansar al Sunna, 98–99
anthrax envelopes, 42
Anti-Defamation League (B’nai Brith), 66–67
Arnaout, Enaam, 139
ARPANET (Advanced Research Projects Agency Network), 16–18
Arquilla, John, 26, 109, 115, 173, 211
Asahara, Shoko, 59, 60
Ashcroft, John, 195
Asian nations, post-9/11 counterterrorism measures, 178–179
Associated Press Managing Editors (APME), 233
Association of Southeast Asian Nations (ASEAN), 180
al-Asswad, Abu Tareq, 62–63
Atta, Mohammed, 130, 132
Attyiat-Allah, Louis, 70–71
Atwa, Ali, 88
Aum Shinrikyo, 8
 software designed by, 162
 Web sites of, 59–61
al-Ayyeri, Yousef, 68, 133
al-Azdi, Abu Jandal, 141
Azzam, Abdullah, 67
Azzam Publications, 67

B

backdoor, computer, 186–187
Badr al-Riyadh, 44, 105
Baker, Stewart, 204–205
Bali nightclub attacks (2002), 106
Bandura, Albert, 54–56

- Basque Web sites, 52–53
- Batargy, Adil Abdul Galil, 139
- Al Battar Training Camp, 9, 125, 128–129, 228
- Benevolence International Foundation, 138–139
- Benjamin, Daniel, 102–103, 137
- Berg, Nicholas, execution of, 72, 99, 110
- Bin Abdel Aziz, Nayef, planned assassination of, 130–131
- Bin Laden, Osama
 - al-Zarqawi allegiance to, 101–102
 - on attacks against American economy, 44–45
 - on 9/11 attacks as theater of terror, 39–40, 41
 - creation of al Qaeda, 65
 - on cyberterrorism, 170
 - ideological debates concerning, 141
 - image in Arab mass media, 41–42
 - propaganda of, 46
 - rhetoric of terrorism, 56–57
- BITNET, 18
- Black Ice: The Invisible Threat of Cyber-Terrorism (Verton), 112, 119, 160, 161
- Black September terrorists' attack, 41
- blaming victims, 56
- Blumler, Jay, 233
- Blunkett, David, 240
- B'nai Brith Anti-Defamation League, 66–67
- Boas, Taylor C., 206–207
- Bolz, Donna, 214
- bombers, suicide. *See* suicide bombers
- bomb making, online instructions for, 123, 124–125
- Boyd, Alan, 179
- Brooke, Steven, 100
- Brown, Sheryl, 213, 215
- Brunerie, Maxime, 106
- Bryant, Gyude, 214
- Bunt, Gary, 51–52
- Burns, Jimmy, 95
- Busby, Adam, 94
- Bush, George W., 147, 151, 169, 174
- Bush (George W.) administration, 177, 199–200
- Business Software Alliance, 162

C

- CABHAIR (Irish Republican Prisoners Dependents Fund), 95
- Caldwell, David, 96
- Canada, counterterrorism measures of, 174–175
- Card, Andrew, 195
- Carnivore (DCS1000), 11, 174, 178, 216
 - dangers of, 185–187
 - function of, 184–185
 - integration with other programs, 190
- copyright of Internet, 204–208. See also monitoring of Internet
 - by authoritarian regimes, 206–208
 - in China, 206, 207
 - Global Internet Freedom Act addressing, 207
 - as international concern, 237–238
 - lack of, 49–50
 - policy contradictions in, 207–208
 - in Saudi Arabia, 207–208
 - social responsibility and, 234–235
 - voluntary media limitations on coverage of terrorists, 42
- Center for Democracy and Technology, 219–220
- Center for Internet and Society (Stanford University), 218
- Center for Islamic Studies and Research (CISR), 28, 68, 70, 236
- Center for the Study of Terrorism and Irregular Warfare, 167
- Cerf, Vinton G., 16, 203, 204
- CERT/CC (Computer Emergency Response Team Coordination Center), 156
- chat rooms, 28, 107–108
- Chechen rebels
 - attacks on media credibility by, 64
 - fund raising by, 134–135
 - Moscow Theater attack (2002), 39
 - Web site of, 58–59
- child pornography, 235
- children, terrorist Web site targeting of, 91–92
- China
 - Internet policy of, 179, 206, 207
 - online activism in, 179–180
- China Democratic Party, 206
- Chirac, Jacques, 106

- Cilluffo, Frank, 170
- CISR (Center for Islamic Studies and Research), 28, 68, 70, 236
- civil liberties, 203–242
- Internet policy recommendations, 223–242
 - modifications of legislative acts, 225–227
 - organizations addressing counterterrorism and, 217–223
 - security and threats to, 4, 12, 175–176, 215–217, 223–224
 - security vs. privacy, 204–206
- Clark, David D., 16
- Clarke, Richard, 151, 164, 191
- CLC Media Policy Program, 23
- Cohn, Cindy, 176
- Cold War, Internet emerging from, 16
- Coleman, Kevin, 152
- Collin, Barry, 159–160
- Committee to Protect Journalists (CPJ), 234
- communication. See also propaganda
- computer-mediated, 25, 214
 - in crisis management, 213–214
 - open, civil liberties and, 203
 - symbolic theory and terrorism, 38–39
 - terrorist use of Internet for, 49–110
- Communication Assistance for Law Enforcement Act (1994), 183
- comparisons, in moral disengagement, 56, 57–58
- computational intelligence, 190
- Computer Emergency Response Team Coordination Center (CERT/CC), 156
- computer games, 92
- computer hackers. See hackers and hacking
- computer industry, extremist ownership of, 236–237
- computer security. See Internet security
- computer viruses and worms, 113, 155, 156–157
- Conference on Crisis Management and Information Technology (2003), 213–214
- conflict resolution, Internet for, 208–212
- content analysis, of terrorist Web sites, 4–5, 7, 50–54
- Continuity IRA, 93, 94
- Conway, Maura, 95, 104, 154, 155–156
- coordination, via Internet, 129–134
- Copeland, David, 124
- “Coping with Terrorism” (American Psychological Association), 33–34

- counterterrorism, 173–202
 - civil liberties and
 - impact of measures on, 4, 12, 215–217
 - organizations addressing, 217–223
 - potential abuse of measures, 216–217
 - recommendations for modifying legislation, 225–227
 - data mining and, 113
 - international cooperation in, 235–239
 - measures of Asian countries, 178–179
 - measures of Canada, 174–175
 - measures of France, 175
 - monitoring of Internet, 181–189
 - post-9/11 measures for, 11, 174–178, 178–179, 205, 216–217
 - recommendations for modifying, 225–227
 - proactive Web presence and, 240–241
 - removal of information from Web sites, 193–197
- Cox, Christopher, 207
- Crenshaw, Martha, 35
- crisis management, 213–214
- Cutts, Andy, 168
- cyanide, 124
- cybercrime, international response to, 238–239
- cyber-fear, 26–28
- cyberpolitics, 23–25
- cyberterrorism, 147–171
 - appeal of, 148, 154–155
 - categories of attackers, 158
 - definition of, 148, 152–154
 - denial-of-service attacks, 150, 157
 - dynamic aspects of, 4
 - economics of combatting, 150–151
 - fatwa approving, 122
 - fear of, 10, 149–152
 - future of, 169–171
 - hacking vs., 152–154, 157, 159
 - Internet monitoring and, 181–189
 - limited terrorist capabilities for, 167
 - Singapore model addressing, 180–181
 - software designed for, 162

- vulnerability to, 10–11, 159–164
 - attacks vs. terrorism, 164
 - federal computer systems and, 160–161, 163
 - lack of preparedness, 169–170
 - potential vs. actual damage, 148
 - reality of, 164–169
 - of SCADA systems, 161, 166, 167
 - simulated attacks, 168–169
 - types of attacks, 155–157
- Cyber-Warfare Defense Project, 169

D

- Dallal, Jenine Abboushi, 88
- data mining, 9, 111–114
 - sensitive data and, 112–114
 - sensitive information made inaccessible to, 193–197
 - terrorist targets for, 113
 - tools for, 112
- DataPipe (ISP), 230
- DCS1000. See Carnivore (DCS1000)
- Defense Advanced Research Projects Agency (DARPA), 16
- dehumanization of targets, 55, 57
- Deibert, Ronald J., 24
- demonizing the enemy, 7–8, 54, 57
- denial-of-service attacks on Internet, 150, 157
- Denning, Dorothy, 152, 156, 162, 166, 167, 169, 208–210
- Department of Homeland Security, 151, 163
- Devon, Josh, 28–29, 236
- Dick, Ron, 3
- al-Din, Ibrahim Nasser, 105–106
- diplomacy, virtual, 12, 213–215
- distortions of sequence, in moral disengagement, 56, 58
- Domestic Security Enhancement Act of 2003 (PATRIOT II), 11, 176–177
- Donovan, William, 36
- Douglass, William A., 20
- Dowling, Ralph, 39
- Dror, Yuval, 190

E

- Echelon (e-mail monitor), 11
- Edelman, Benjamin, 208

Edgar, Timothy H., 177
Edwards, Sean, 22, 116–118
Eedle, Paul, 44, 65–66, 145
e-groups, 28
Egyptian Muslim Brotherhood, 106
el Azizi, Amer, 100
elections, interference with, 132–133
Electronic Frontier Foundation (EFF), 176, 221–222, 227
electronic Pearl Harbor, cyberterrorism as, 149
Electronic Privacy Information Center (EPIC), 188, 205, 222–223
 criticism of PATRIOT Act, 174, 175
e-mail
 ARPANET and introduction of, 16–17
 bombing, 155–156
 government monitoring of, 11, 181–183
 political activism and, 210
 terrorist use of, 28–29, 228
Emerson, Steven, 192
encryption of data, 9, 187–189
Encyclopedia of Jihad, 45
energy industry, vulnerability to cyberterrorism, 161
Engels, Friedrich, 232
EPIC. See Electronic Privacy Information Center (EPIC)
Etzioni, Amitai, 216
euphemism, 55–56, 57
Euskal Herria Journal, 52–53, 156
Euzkadi Ta Askatasuna (ETA) Web site, 52–53, 156
Ezzedeen al Qassam Brigades. See Qassam Brigades

F

FARC. See Revolutionary Armed Forces of Colombia (FARC)
Faroq (Web site). See al Qaeda, Web sites
al-Fateh (Hamas Web site), 91–92
fear
 of cyberterrorism, 10, 149–152
 Internet-generated, 26–28
 as element of terrorism, 20
Federal Aviation Administration (FAA), 166
Federal Bureau of Investigation (FBI), 95, 113, 151, 178, 220
Feinberg, Eric, 112

Feldner, Yotam, 73
Ferguson, Yale, 24
Filastin al-Muslimah (Hamas), 82
Four Theories of the Press (Siebert, et al.), 231
France, counterterrorism measures of, 175
Freedom of Information Act (FOIA), 195
freedom of speech, Internet and, 203
French Revolution, terrorism in, 33
fund-raising
 by IRA splinter groups, 95–96
 via Internet, 10, 134–141
The Future of Cyberterrorism (Collin), 159–160

G

Ganor, Boaz, 21, 34, 37
Geocities, terrorist Web sites on, 29
Germany, Internet censorship in, 235
Gibson, Rachel, 104
Global Internet Freedom Act (GIFA), 207
Global Islamic Media (GIM), 105–106, 133, 227–228
Global Relief Foundation (GRF), 138–139
Global Security Analysis Lab (IBM), 165
golden path, 13, 223–242
Goldstein, Baruch, 200–201
Gomez, James, 178–180
Good Friday Agreement of April 1998 (IRA), 93
Gordon, John, 159
Government Reform Subcommittee on Technology (U.S. House of Representatives), 163
Granick, Jennifer, 218
Green, Joshua, 149, 154, 164, 166, 167
Gulf War (1991), 36

H

hackers and hacking
 attacks on terrorist Web sites, 197–200
 cyberterrorism vs., 152–154, 157, 159
 hijacking of innocent sites, 236
 limitations on, 165
 motivation of, 148, 158–159, 165

- political activism and, 155–157
- post-9/11 hacker wars, 198
- as thrill seekers, 158
- tools of, 155–157
- hactivism, 155–157
- al-Hage, Wadih, 139
- Hamas, 8, 82–87
 - criticism of al Qaeda, 143–144
 - establishment of, 82
 - fund-raising by, 135–137
 - instructions for bomb making, 124–125
 - planning and coordination via Internet, 131–132
 - Web sites of
 - promoting suicide bombings, 83, 84
 - as propaganda tool, 86–87
 - targeting children, 83, 91–92
- Hanif, Asif Mahmud, 107
- al-Haramain Foundation, 138–140
- He Depu, 206
- Hegghammer, Thomas, 145
- Heseball, Mark, 229
- Hezbollah, 8, 87–91
 - criticism by other terrorist groups, 141–143
 - data mining by, 113–114
 - establishment of, 88
 - fund raising by, 140–141
 - objectives of, 88
 - prisoner exchange with Israel, 141–142
 - psychological warfare of, 36–37
 - Web sites of, 89–91
 - focus of, 86
 - hacker attacks on, 197
 - Internet service providers, 229–230
 - targeting children, 92
- “Hizballa’s Virtual Civil Society” (Dallal), 88
- Hoffman, Bruce, 43, 44, 47, 94, 109, 114–115, 117
- Holy Land Foundation for Relief and Development (HLF), 136
- How to Make Bombs: Book Two, 124
- Hu Jintao, 206

Human Rights First, 220–221, 241
Human Rights Watch, 207
Hussayen, Sami Omar, 140

I

IBM Global Security Analysis Lab, 165
IDS (Intrusion detection systems), 183–184
India, Internet security measures of, 179
information retrieval. *See* data mining
information technology
 for coordination of operations, 116–117
 dependence on, 148
 professionals' view of cyberterrorism threat, 162–163
 terrorist reliance on, 22–23
Institute for Global Communications (IGC), 156
instruction manuals, online, 45, 123–129
instrumental use of Internet, 8–10, 111–145
 attacking other terrorist groups, 141–145
 data mining, 9, 111–114
 fund raising, 134–141
 instructions and online manuals, 45, 123–129
 networking of terrorist groups, 114–117
 planning and coordination, 129–134
 recruitment and mobilization, 117–123
intelligence, computational, 190
International Convention to Enhance Protection from Cyber Crime and Terrorism, 239
Internet. *See also* cyberterrorism; Websites; specific Internet components, e.g., e-mail
 abuse of, 7, 236
 anonymity of, 29, 154
 censorship. *See* censorship of Internet
 communicative uses of, 7–8, 49–110
 etiquette of, 235
 history of, 5, 15–19
 instrumental use of. *See* instrumental use of Internet
 interactive aspects of, 7, 23–24
 monitoring. *See* monitoring of Internet
 as network of networks, 17
 as nonviolent arena, 208–212
 policy recommendations for, 13, 223–242

- in postinternational world, 24
 - proactive Web presence and counterterrorism, 240–241
 - promoting peaceful use of, 241–242
 - protection of. See Internet security
 - role in September 11 attacks, 3–4, 9, 30–31
- Internet Haganah, 199, 229
- Internet protocol packet (IPP), 16
- Internet security. See also counterterrorism; cyberterrorism
- air-gapped systems and, 149, 166
 - breaches of, 152–153
 - civil liberties trade-offs for, 203, 223–224
 - hackers' tools against, 155–157
 - incidence of break-ins, 156
 - international cooperation for, 235–239
 - IT professionals' view of, 162–163
 - privacy vs., 204–205
 - self-policing of, 227–231
 - Singaporean model for, 178–181
 - vulnerability to attacks, 149, 159–164
- Internet service providers (ISPs)
- e-mail bombing of, 155–156
 - opposition to monitoring proposals, 178
 - self-policing by, 227–231, 237–238
 - service policies of, 230–231
 - of terrorist organizations, 27–28, 67, 227–230
- Intrusion detection systems (IDS), 183–184
- Investigative Project, 109
- IPP (Internet protocol packet), 16
- Iraqi underground, Web sites of, 96–103
- Iraq Net, 150
- al-Iraqi, Abu Maysara, 101
- Ireland's Own Forum, 94
- Irish National Liberation Army, 93
- Irish Republican Army (IRA), 92–96
- Irish Republican Prisoners Dependents Fund (CABHAIR), 95
- Irish Republican Prisoners' Welfare Association, 95, 96
- "Is Cyber Terror Next?" (Denning), 162
- Islamic Assembly of North America (IANA), 135
- Islamic Bloc Web site, 200

Islamic Resistance Support Association, 89–91
Islamic Web sites, 7, 62–63
Islam in the Digital Age (Bunt), 51
Islam Online, 136
ISPs. See Internet service providers (ISPs)
Israel, prisoner exchange with Hezbollah, 142
Israeli Defense Forces, 200
Iz-al-Din, Hasan, 88

J

al-Jama'a al-Salafiya al-Mujahida, 96–97
al Jazeera, 46
Jefferson, Thomas, 232
Jenkins, Brian, 191
Jiang Lijun, 206
jihad, as Islamic commitment, 44
Jihad Manual (al Qaeda), 45
JihadOnline: Islamic Terrorists and the Internet (Anti-Defamation League), 66–67, 89, 139, 140
Jongman, Albert J., 21
Joyu, Fumihiro, 59, 60
Jundallah Web site, 29

K

Kach movement, 200–201
Kahane, Meir, 200–201
Kahane Lives movement, 201
Kahn, Robert E., 16, 17
Kalathil, Shanthi, 206–207
Kandel, Abraham, 189–191
Kaplou, Louis, 224
Karber, Philip, 39
Karp, Jack, 184–185
al-Kashmiri, Hazem (Abu Umar Al-Ta'ifi), 45, 64
Kataeb Mujahedeen, 199
Katz, Rita, 28–29, 120, 191
Kerr, Orin, 175–176
Khalil, Ziyad, 119
Al-Khansa (online magazine), 71–72
Kherchtou, L'Houssaine, 170

Kiania, Othman, 121
Kitchin, Rob, 23
Kleinrock, Leonard, 16
Kleiss, Karen, 206
Kohlmann, Evan, 109, 127, 192
Koka, Alam, 113–114
Krebs, Brian, 11
kuffar (nonbelievers), 72, 73, 75

L

Lake, Anthony, 164
landmarks, as terrorist targets, 40
language
 euphemistic, 55–56
 multilanguage Web sites, 61–62
Lashkar e-Tayba (LeT), 103, 137–138, 192
legislation, antiterrorist. See also counterterrorism; USA PATRIOT Act
 international cooperation and, 237
 Prevention of Terrorism Act (Great Britain), 93
 recommended modifications of, 225–227
Leiken, Robert, 100
Leiner, Barry M., 16
Levitt, Matthew, 135
Lewis, Jim, 165
Lia, Brynjar, 133
Liberation Tigers of Tamil Eelam (LTTE), 109–110
Liberia, peace initiative in, 12–13, 214
Lim, Alfred, 110
The Limits of Privacy (Etzioni), 216
Liu Di, 206
lobbying, Internet and, 210
Lynch, Timothy, 242
Lyon, David, 215–216

M

MacLeod, Edgar, 174–175
Madrid train bombings (2004), 9, 109, 133–134, 227
Magic Lantern, 11, 187–189, 216
Malkin, Michelle, 119–120
“Managing Communications: Lessons from Interventions in Africa,” 213

- al-Manar (TV station), 36, 88, 89, 197
- Manningham-Buller, Eliza, 240
- Mansbach, Richard, 24
- Mansfield, Laura, 228
- manuals, online, 45, 123–129
- al-Maqit, Muhammad bin Abd al-Wahhab, 45–46
- Markaz Dawa-Wal-Irshad, 137
- Markoff, John, 182
- Marx, Karl, 232
- Masbach, Richard, 24
- al Masri, Abu Hamza, 73–74
- mass media
 - attacks on credibility of, 64
 - codes of ethics, 233
 - cyberterrorism and, 151–152
 - government censorship of terrorist coverage, 42
 - manipulation by terrorist organizations, 6, 41–42
 - relationships with society, 231–233
 - social responsibility of, 232–233
 - symbiotic relationship with terrorists, 118–119
 - use of terrorist Web sites, 108–109
- Maxion, Roy, 147
- McCauley, Clark, 34, 35
- McDonagh, John, 94–95, 96
- McKevitt, Michael, 95
- McLeod, Jack, 233
- media. *See* mass media
- Media Committee for the Victory of the Iraqi People, 133
- Mein Kampf, German Internet censorship of, 235
- message boards, virtual, 28
- MI5 (British secret service), 240
- Middle East Media Research Instituted (MEMRI), 27, 229
- Middleton, James, 95
- Mill, John Stuart, 232
- Milton, John, 232
- minority groups, Internet use by, 6
- Mohammed, Omar Bakri, 72, 107
- Mona, Amana, 132
- monitoring of Internet, 181–189. *See also* censorship of Internet

civil liberties and, 11, 175–177, 205–206, 215–216, 217–219
opposition to, 178
PATRIOT Act and, 176–178
post-9/11, 205
private initiatives for, 189–193
programs for
 Carnivore, 11, 174, 178, 184–187, 190, 216
 Magic Lantern, 11, 187–189, 216
 sniffers, 183–184
recommended limits on, 226–227
Moqawama (Hezbollah site), 90–91
moral disengagement
 cognitive restructuring in, 55
 methods of, 55–56
 rhetoric of, 54–61
 selective, theory of, 7–8, 54–55
Moran, Kevin, 215
Moscow Theater hostage taking (2002), 39
Mountbatten, Louis, assassination of, 93
Mughniya, Imad, 88
al-Muhajiroun, 72–73, 107
The Mujahideen Explosives Handbook, 229
The Mujahideen Poisons Handbook, 123–124, 229
Mullins, Wayland, 20
Munich Olympic Games terrorist attack (1972), 38
Muslim Hackers Club, 113
Muslims, Shiite, 97–98

N

Nacos, Brigitte, 39–42
al-Najdi, Naser, 70
Nasrallah, Hasan, 85, 88, 90, 142
Nasser, Mussa, 121
National Commission on Terrorist Attacks upon the United States, 30–31
National Communications System (NCS), 115
National Infrastructure Protection Center (NIPC), 113
National Institute for Systems Test and Productivity, 189
National League of Cities, 151
National Research Council, 147

national security

- civil liberties vs. trade-offs for, 223–224

- cyberterrorism and, 150–152, 160–161

- Internet monitoring and, 177–178

- National Security Agency (NSA), e-mail monitoring by, 181–182

- nation-states, cyberterrorism as tool for, 158

- Naval Communications System (NCS), 115

- Naval Postgraduate School (NPS), 167

- Naval War College (U.S.), cyberattack simulation by, 168

- Nazi regime, psychological warfare in, 35–36

- NCS (National Communications System), 115

- netwar, 26

- networking, terrorist, 114–117, 118

- NIPC (National Infrastructure Protection Center), 113

- Norwegian Defense Research Establishment (FFI), 133, 145

O

- Ocalan, Abdullah, 121

- Office of Cyberspace Security (U.S.), 151

- Office of Strategic Services (OSS), psychological warfare of, 36

- Office of the Coordinator of Information (U.S.), 36

- Office of War Information (U.S.), 36

- Oklahoma City bombing (1995), 40

- O’Neil, Tania, 210–211

- On Liberty (Mill), 232

- online forums, terrorist use of, 28

- online magazines. See also Sawt al-Jihad

 - Al-Khansa, 71–72

 - Resistencia Nacional, 80–81

 - terrorist use of, 28

 - Zurwat al-Sanam, 101

- Open Networks, Closed Regimes (Kalathil and Boas), 206–207

- Operation Livewire (computer simulation), 168

- Osama bin Laden: Mujaddid al-Zaman Wa-Qahir al-Amirkan (al-Azdi), 141

- overreaction, terrorism and, 34–35

P

- Paine, Thomas, 232

- Palestinian Information Center Web site, 85

- Palestinian Muslim Brotherhood, 82

- paradigms, Internet and shift in, 24
- parasites, Internet, 236
- PATRIOT Act. See USA PATRIOT Act
- Paz, Reuvan, 86, 141, 142
- Pearl, Daniel, 26
- Peterson, Theodore, 231, 233
- Pew Internet and American Life Project, 178, 193, 195–196
- Philp, Myra, 94
- Pillar, Paul, 20–21
- ping attacks, 155
- PIRA (Provisional IRA), 92–93
- planning, Internet for, 129–134
- Poindexter, John M., 182–183
- political activism
 - Chinese, Internet censorship and, 206
 - conflict resolution via Internet, 208–210
 - e-mail and, 210
 - hacking as, 155–157
 - Internet and, 6, 23–25
- Political Terrorism (Schmid and Jongman), 21
- Pollitt, Mark M., 160
- Post, Jerrold, 36
- postinternational world, 24
- premeditation, terrorism and, 21
- Prevention of Terrorism Act (Great Britain), 93
- privacy. See also wiretaps, Internet
 - ACLU recommendations for preserving, 218–219
 - counterterrorism measures and loss of, 217
 - of electronic communications, 175–176, 220
 - post-9/11 loss of, 216–217
 - security vs., 204–206
- Privacy International, 205
- propaganda. See also communication; psychological warfare
 - of bin Laden, 46
 - Internet as tool for, 66–67
 - of jihadists, U.S. presence in Iraq as, 103
 - multimedia, 43–47
 - U.S. use of, 36
- Provisional IRA (PIRA), 92–93

- psychological warfare. See also propaganda
 - anthrax envelopes as, 42
 - history of, 35–36
 - terrorism as, 6, 26–28, 35–38
 - U.S. use of, 36
- psychology of terrorism, 33–47
 - psychopathology, 35
 - theater of terror, 38–47
 - theories of, 33–35
- public opinion
 - civil liberties trade-offs for security, 223–224
 - as Web site target, 62–63
- Putnam, Adam H., 163
- Puzzle Palace, 182

Q

- Qadi, Yassin, 236–237
- al Qaeda
 - al-Zarqawi allegiance to bin Laden, 101–102
 - data mining by, 112
 - decentralized structure of, 25, 65–66, 115–116
 - fund raising by, 134, 138–140
 - hijacking of innocent Web sites, 236
 - history of, 65
 - ideological debates on Internet, 141
 - Internet attraction for, 65–67
 - online criticism by Hamas of, 143–144
 - online manuals of, 125–126
 - other Web sites supporting, 72–75
 - planning and coordination via Internet, 129–130
 - propaganda of, 69–72
 - multimedia, 43–47
 - opportunistic, 69–70
 - psychological warfare of, 26–29
 - recruitment activities of, 118–120
 - Web sites, 28, 43, 65–69
 - dynamic nature of, 5, 67–69
 - as propaganda tool, 66–67
 - purpose of, 8–9, 65–66

targeting enemy audience, 62–63

U.S. hosts of, 28–29, 67, 227–228

Qa'adat al Jihad, 141–142

al-Qaradawi, Yusuf, 83

Qassam Brigades, 82, 83–85, 123, 135–137, 228

Qutb, Sayyid, 106

R

Rabinovich, Gilad, 197

Radio Free Eireann (radio program), 95

Rahman, Omar Abdel, 67

Rahum, Ofir, 132

Rainie, Lee, 163–164

Raiyshi, Reem, 144

Ramakrishna, Kumar, 106

Rambam, 224

RAND Corporation, 196–197

al Rantisi, Abd al Aziz, 86–87

Raufer, Xavier, 21–22

RAWA (Revolutionary Association of the Women of Afghanistan), 211–212

Rayya, Mahmoud, 92

Real IRA (RIRA), 92–96

recruitment

Internet for, 9–10, 117–123

self-advertisement to terrorist organizations, 119–121

of women terrorists, 71

Reid, Richard, 107

Reign of Terror (French Revolution), 33

Remapping Global Politics: History's Revenge and Future Shock (Ferguson and Mansbach), 24

Reporters Without Borders, 175, 205–206

Resistencia Nacional (online magazine), 80–81

responsibility, displacement of, 7, 55

Return Center Web site, 86

Revolutionary Armed Forces of Colombia (FARC), 8

establishment of, 75

Resistencia Nacional (magazine), 80–81

Web sites of, 75–81

Revolutionary Association of the Women of Afghanistan (RAWA), 211–212

rhetoric

- of moral disengagement, 54–61

- of terrorism, 39, 56–57

Rice, Condoleezza, 164

Rice, Dennis, 94

Ridge, Tom, 151

RIRA (Real IRA), 92–96

Roberts, Larry G., 16

Rodan, Garry, 180

Ronfeldt, David F., 26, 109, 115, 173, 211

Rubin, Michael, 98

Rumsfeld, Donald, 112

S

al-Sa'di, Abu Abdallah, 70

Sageman, Marc, 117–118

Sahhab Institute, 45

Samudra, Imam, 106

SARS (severe acute respiratory syndrome), 180

Saudi Arabia, Internet censorship in, 207–208

Saunders, Robert A., 23–24

Savino, Adam, 154

Sawt al-Jihad, 8, 44, 70–72, 102, 105, 143, 228

Sayadi, Nabil, 139

SCADA systems, vulnerability of, 161, 166, 167

Scarfo, Nicodemo, 188

Schmid, Alex P., 21, 37

Schmitt, Richard, 191

Schmitz, Kim, 198

Schramm, Wilbur, 231, 233

Schumer, Charles, 166

Schwartz, John, 182

Schwartz, Stephen, 207–208

Schweitzer, Yoram, 46

Scottish National Liberation Army (SNLA), 94

Scottish Separatist Group, 94

self-policing, by Internet service providers, 227–231, 237–238

September 11, 2001, terrorist attacks

- al Qaeda propaganda about, 44, 66–67

- counterterrorism measures following, 10, 174–178, 178–179, 205

recommendations for modifying, 225–227
cyberterrorism fear following, 150–152
hacker wars following, 198
Internet role in, 3–4, 9, 30–31
media coverage of terrorism following, 41–42
planning and coordination of, 129–130, 131–132
as spectacle, 41
symbolism of targets, 40
as theater of terror, 40–42
severe acute respiratory syndrome (SARS), 180
Seyam, Saed, 144
al-Sha'er, Sawsan, 122–123
al-Shahri, Muhammad bin Shazzaf, 62–63
Sharif, Omar Khan, 107
Shavell, Steven, 224
Shavit, Shabtai, 22
Sh'hadeh, Salah, 83–85, 122, 136–137
Shiite Muslims, 97–98
Siebert, Frederick, 231, 233
Silent Horizon (computer simulation), 168–169
Singapore, Internet control in, 11, 180–181, 234
Sinn Fein, 93, 95, 96
SITE Institute, 120, 127
Six Nightmares (Lake), 164
Smith, Cory, 241
Smith, George, 147
Smith, Paul, 115–116
sniffer programs, 183–184, 189–190
SNLA (Scottish National Liberation Army), 94
Sobel, David, 188
social cognitive theory, justification of violence and, 55
social movements, 12
social netwar, 211
social responsibility, 231–235
software, designed by terrorists, 162
software companies, extremist ownership of, 236–237
Solomon, Richard, 213, 215
Somalia Internet Company, 199
S.O.S. (Supporters of Shareeah), 73–75
Space and Naval Warfare Systems Command (U.S.), 189

- Spalter, Jonathan, 215
- Special Force (computer game), 92
- Stanley, Jay, 219
- steganography, 131–132
- Steger, John, 140
- Steinhardt, Barry, 219
- Stern, Jessica, 42, 138
- Stevenson, Robert, 234, 235, 237, 238
- Stinger missile, online manual for, 127
- Strengthening the Legitimacy of the Ruin in America, 67
- Stroz Associates, 112
- suicide bombers
 - Hamas supporting, 83, 84–85
 - messages of, 62–64
 - motivation of, 35
 - online manual for, 126–127
 - publication of wills, 45–46, 62–64
 - women as, 144
- Sullivan, Bob, 188–189
- supervisory control and data acquisition (SCADA) systems, vulnerability of, 161, 166, 167
- Supporters of Shareeah (S.O.S.), 73–75
- Surveillance Society (Lyon), 215
- swarming (Internet attack), 155
- Symantic, 161–162

T

- al-Ta'ifi, Abu Umar (al-Kashmiri, Hazem), 45, 64
- Tekwani, Shyam, 109–110
- Terror in the Name of God (Stern), 138
- terrorism. See also counterterrorism; terrorist organizations
 - as aggression against society, 34
 - communication technologies and, 22–23
 - definitions of, 20–21, 243–244
 - in French Revolution, 33
 - media orientation of, 39
 - nature of, 20–23
 - old vs. new, 22
 - postmodern face of, 5
 - as psychological warfare, 6, 26–28, 35–38

- psychology of, 33–47
- rhetoric of, 39, 56–57
- as theater, 6, 25, 38–47
- Terrorism versus Democracy (Wilkinson), 38
- “The Terrorist Calculus behind 9-11” (Nacos), 40
- Terrorist Hunter (Katz), 120
- terrorist organizations, 244–247. See also specific organizations, e.g., Hezbollah
 - audiences for messages of, 38, 61–64
 - categories of, 167
 - as communicators, 25
 - foreign, U.S.-designated, 244–246
 - banning Web sites of, 200–202
 - Web site expansion of, 15
 - fund raising by, 95–96, 134–141
 - Internet use by, 4, 25, 50–51
 - advantages of, 25–31
 - anonymity and, 29, 154
 - capabilities for cyberterrorism, 167
 - 9/11 Commission findings about, 30–31
 - for communication, 49–110
 - hijacking of innocent Web sites, 236
 - for ideological debates, 10, 141–145
 - instrumental uses, 8–10, 111–145
 - interest in cyberterrorism, 148, 154–155, 158
 - Web sites. See Web sites, terrorist
 - manipulation of mass media, 6, 41–42
 - networking of, 114–117
 - reliance on information technology, 22–23
 - software designed by, 162
 - transnational/transregional nature of, 50–51
 - U.S. seizure of assets of, 95, 138–139
- Terrorists among Us: Jihad in America (Emerson), 192
- The Terrorist’s Handbook, 123, 124
- Thailand, Internet security measures of, 179
- Thatcher, Margaret, attempted assassination of (1979), 93
- theater of terror, 6, 25, 38–47
- 32 County Sovereignty Movement (Real IRA), 95, 96
- Thomas, Douglas, 147, 158–159, 165
- Thomas, Timothy, 26, 49–50, 113, 135
- thrill seekers, as cyberterrorists, 158

Thur, Abu, 120
Tokyo subway attacks (1995), 59–60, 162
Total Information Awareness program, 182–183
Towle, Travis, 94–95
Transportation Security Administration (TSA), 226
Trojan horses (software), 162
truth, as war casualty, 12
Tsfati, Yariv, 4–5, 53
TWA Flight 847, hijacking of (1985), 88

U

Understanding Terror Networks (Sageman), 117–118
United States Army, Psychological Operations Regiment, 36
United States Constitution, Fourth Amendment, weakening of, 219
United States Department of Defense, Internet creation and, 16
United States House of Representatives, Government Reform Subcommittee on
Technology, 163
United States Institute of Peace, 12–13, 213–214
University of South Florida, 189, 190
USA PATRIOT Act
civil liberties impact of, 175–176
as counterterrorism measure, 11, 174
court challenges to, 177
Internet surveillance under, 176–177
PATRIOT II, 11, 176–177
privacy of electronic communications and, 175–176
recommended amendments to, 220, 221–222, 225, 227
USENET, 18

V

Verton, Dan, 112, 119, 160–161, 170
videos, 43–46, 62–63, 99
violence
legitimization of, 7–8, 57
orchestrated, as metaphor, 39
virtual blockade (Internet attack), 155
virtual diplomacy, 12, 213–215
Virtual Diplomacy Initiative (United States Institute of Peace), 213
Virtually Islamic (Bunt), 51
viruses, computer, 113, 155, 156–157

Viscusi, Kip, 223
Voors, Mathew Parker, 187, 189

W

Wade, Lindsey, 215, 223
Wahhabi Muslim Web sites, 135
Ward, Stephen, 104
war on terrorism, 217, 235
Web sites
 corporate, information available on, 112
 innocent, hijacking by terrorists, 236
 of Iraqi underground, 96–103
 removal of sensitive information from, 193–197
Web sites, terrorist
 assessing impact of, 103–110
 attraction of, 110
 chat room comments, 107–108
 direct measures, 104–105
 effect on individuals, 106–107
 expert opinion, 109–110
 media usage, 108–109
 proliferation and expansion, 105
 testimonies of terrorists, 105–106
 attacking enemy media credibility, 64
 attempts to control, 12, 95
 audiences targeted by, 61–64
 banning of, 200–202
 demonization of enemies on, 7–8, 54, 57
 ease of creating, 28
 expansion of, 15
 government embarrassment as theme of, 54
 hacker attacks on, 197–200
 influencing public opinion, 62–63
 international cooperation in controlling, 237–239
 languages used on, 61–62
 repetitive arguments of, 103
 rhetoric of, 7, 54–61
 scare campaigns by, 26–27
 scope and content of, 4–5, 7, 50–54

- of specific groups
 - al Qaeda, 72–75
 - Aum Shinrikyo, 59–61
 - Basque, 52–53
 - Chechen rebels, 58–59
 - FARC, 75–81
 - Hamas, 81–87
 - Hezbollah, 87–91
 - Islamic, 51–52
 - Real IRA, 94–96
- targeting children, 83, 91–92
- U.S. hosts for, 27–28, 67, 227–230
- violent vs. positive issues on, 53–54
- Weimann, Gabriel, 4–5, 39, 102–103, 137
- Weisburd, Aaron, 199
- Weisman, Robyn, 197
- Wilkinson, Paul, 38
- William of Wales (Prince), 94
- Winn, Conrad, 39
- wiretaps, Internet
 - Carnivore as, 184
 - government demand for, 183
 - privacy concerns, 220
 - weakening of laws addressing, 218–219
- women, recruitment as terrorists, 71
- women's rights, Internet promoting, 211–212
- Worden, Minky, 207
- World Trade Center. See also September 11, 2001 terrorist attacks
 - bombing of 1993, 40
- World Wide Web. See Internet
- World Wide Web Consortium, 18
- worms, computer, 113, 155, 156–157
- Wright, Billy, 94

Y

- Yahoo.com, service policies of, 230
- Yahoo! Groups, 27–29, 227–228
- Yassin, Ahmad, 82, 86
- Young Intelligent Hackers Against Terror (YIHAT), 198

Z

Zanini, Michele, 22, 109, 115–118

Zapatista National Liberation Movement and Army (EZLN), 210

Zapatistas, positive use of Internet by, 12, 210–211

al-Zarqawi, Abu Musab, 26, 99–102, 228

al-Zawahiri, Ayman, 68–69, 228

Zeckhauser, Richard, 223

Zittrain, Jonathan, 208, 226–227

Zouaydi, Mohammed Galeb Kalaje, 139

Zulaika, Joseba, 20

Zurwat al-Sanam (online magazine), 101