

## Index

- abuse  
 of dominant position, 95–113  
 of power, 11–13, 15, 66, 118–19  
 abusive discrimination  
 and antitrust, 96–113  
 and the metaverse, 165  
 academia, 142, 152, 180  
 access  
 to data, 93–96, 109–10, 129, 178  
 to decision-makers, 178–81  
 to infrastructure, 53–54  
 to platform, 124–25  
 to services, 95–97, 109–11  
 Acemoglu, Daron, 154  
 Ackerman, Bruce, 16  
 acquisitions of firms, 63–65  
 Act against Restraints of Competition (Germany),  
 19, 35–36, 128–30  
 Act on Improving Transparency and Fairness of  
 Digital Platforms (Japan), 132  
 Activision Blizzard, 162–63  
 administration, 16–18, 118–19  
 administrative hurdles, 108–11  
 advertiser, 78–81  
 advertising, 76–77, 82, 90, 127, 138–39, 154–55. *See*  
*also* behavioral advertising  
 agencies  
 administrative, 149, 171, 182–84  
 antitrust, 4, 63–65, 88, 145–47, 158, 169–71  
 control of lobbying, 179–81  
 data protection, 169–70  
 digital, 169–70  
 regulatory, 4, 63, 169–70  
 Aizu, Izumi, 132  
 algocracy, 158  
 algorithm, 40, 50, 70, 79, 123–24, 184  
 Alibaba, 2, 66, 69–70, 78  
 Alphabet, 3, 41–44, 47, 62, 67–70, 78–80, 83, 100,  
 129, 148, 150, 162  
 Alstott, Anne L., 141  
 Altman, Sam, 152–53  
 Amazon, 2, 41–47, 62, 66–70, 77–83, 129, 148, 162  
 American Innovation and Choice Online Act  
 (USA), 135–37, 178  
 anti-corruption legislation, 82, 176–81  
 antimonopoly legislation  
 China, 21  
 general comments, 28–29, 60  
 Japan, 20, 36–37  
 United States, 2, 45  
 antitrust  
*de lege ferenda*, 143–44, 159–60, 166–68, 171  
*de lege lata*, 59–84, 87–113  
 enforcement, 120, 172–73, 183  
 goals, 18, 37–38, 45, 64, 68, 109–10, 184  
 history, 31–38, 91–92  
 immunity, 84  
 private enforcement, 120, 172–73, 183  
 public enforcement, 120, 172–73, 183  
 scope, 105  
 separation of powers in, 57–84  
 subsidiarity, 48–49, 145  
 for trust, 184  
 antitrust laws. *See* antitrust, United States  
 app, 2–3, 78, 124–25, 133, 137, 142  
 App Store, 124–25, 132–33  
 Apple, 2, 41, 47, 66–70, 78, 83, 124, 129, 132–33,  
 137, 162  
 arbitrariness, 14–15  
 Areeda, Phillip E., 54  
 Argentina, 19  
 Aron, Raymond, 29–30, 38, 140  
 artificial intelligence  
 autonomous power, 158–60  
 concentration, 149–53  
 decentralization, 153–58  
 deconcentration, 153–58  
 general, 159  
 generative, 48, 69, 150–51  
 regulation, 149–60

- Artificial Intelligence Act (European Union), 73, 127, 157
- artificial neural networks, 150
- artificial superintelligence, 159
- Association for the Advancement of Artificial Intelligence, 152
- attention, 88–89
- attorney general, 120, 135
- auditor, 58, 82
- Augmenting Compatibility and Competition by Enabling Service Switching Act (USA), 136
- Australia, 20, 122–23
- autocracy, 15, 32, 44
- Auto-GPT, 150
- autonomous power, 158–60
- autonomy, 154–55, 158–160
- avatar, 166
- Baidu, 3, 66, 69–79, 78
- balance of powers, 14–16, 45–46, 120
- balancing, 64, 171–73
- Ball, Matthew, 160, 163, 167
- Barberis, Mauro, 17
- Bard, 3. *See also* Alphabet
- behavioral advertising, 90, 155
- Bezos, Jeff, 43
- Biden, Joseph R. Jr., 11–12, 136
- Big Tech, 39–46, 118–21, 134–135, 150–51, 159, 164, 174–75. *See also* digital platforms
- bigness, 29, 33, 58, 125
- Bill of Rights, 46, 140
- Bing, 3, 51, 78, 142
- blockchain, 156, 161–62, 167
- Board of Directors, 57, 80–81, 84
- Böhm, Franz, 18, 35
- Bolsonaro, Jair, 52
- Bowman, Samuel R., 151
- Bradford, Anu, 73
- brain, 85, 166
- branches of government, 1, 13–18, 48, 97, 111, 117–121, 145, 174–76, 179, 182
- Brandeis, Louis, 33, 38
- Brazil, 19, 52
- breaking up firms, 35, 59–64, 149, 159–60, 182–83
- Brin, Sergey, 43–44
- Brussels Effect, 73, 97
- Brzezinski, Zbigniew K., 29–30
- bureaucracy, 16. *See also* administration
- business association, 80–81, 130
- business organization, 80–81, 130
- ByteDance, 70, 142
- cabinet, 177, 179
- campaign finance, 64, 176–81
- Canada, 19
- candidate running for office, 85, 91–95, 97–112, 126, 147, 184
- capture, 72, 179, 183
- Carolan, Eoin, 16
- Carovano, Gabriele, 141
- Chalmers, David, 166
- Charter of Fundamental Rights (European Union), 101–04, 143
- Chatbot, 51, 78, 142, 150
- ChatGPT, 51, 78, 142, 150
- checks and balances
- and antitrust, 32, 36, 43, 45–46, 63
  - and artificial intelligence, 152–55
  - and democracy, 30, 111, 117–21, 144
  - within or with respect to firms, 42, 54, 57–58, 67, 75–84, 182–84
- interinstitutional, 120
- and the metaverse, 165–68
- multilevel, 120
- within the State, 13–18, 169–73
- Chen, Qiufan, 160
- Chile, 19–20
- China, 21, 69, 78, 142–43, 152
- choice, 22–23, 68, 85, 133, 160
- Chopra, Rohit, 42
- Cioffi, John W., 125
- citizen, 16, 26, 46, 50–53, 77, 82, 85–88, 109, 147, 180
- citizen juries, 76–77
- citizen-user, 77–78, 97, 168
- civil society, 17, 80, 152–53, 180
- Clayton Act (USA), 32, 34
- cloud, 41, 50, 148, 163
- code of conduct, 68, 134, 157, 182
- Coglianesi, Cary, 58
- collusion, 77, 143, 149, 151, 169
- Combe, Emmanuel, 18
- commitment, 66–67, 74, 83
- Committee on Foreign Investment in the United States, 171–72
- common carrier, 138
- communism, 32
- community standards, 40, 67–68, 182
- competition
- economic, 18, 30, 107
  - for an election or a referendum, 91–93
  - on the merits, 91
- Competition and Antitrust Law Enforcement Reform Act (USA), 135
- Competition and Markets Authority (United Kingdom), 62, 134–35, 162
- Competition and Transparency in Digital Advertising Act (USA), 138

- Competition Authority (France), 98  
 competition law and policy, 2, 18, 23, 73, 87, 159.  
   *See also* antitrust  
 competitive  
   disadvantage, 91–92, 97–101  
   process, 18, 45, 107–109  
 computing  
   cloud, 41, 148, 163  
   confidential, 157–158  
   graphics-based, 162  
   power, 150  
   privacy, 157–158  
   quantum, 159  
 concentration of power, 11–18, 38–46, 60–61,  
   64–65, 74, 143, 149–53, 166–68, 178–184  
 conglomerate, 78, 147, 154, 159–60, 165  
 consent, 49, 83  
 Constant, Benjamin, 14  
 constitutions  
   fundamental rights, 61, 100–101, 104–106, 140  
   role of, 25, 47  
 consultation, 133, 180  
 consumer  
   harm, 108–11  
   inertia, 40, 94  
   protection, 48–49, 73, 86, 110  
   welfare, 12, 45, 92–93, 109  
 contracts, 106–107, 147–49, 183  
 convergence, 1–2, 4–5, 55, 73  
 cooling-off period, 173–75  
 cooperation, 73, 83  
 Corporate Europe Observatory, 174, 180  
 corporate law and governance, 57–58, 118  
 corporate power, 45–46, 80, 172  
 Corporate Social Responsibility, 58  
 corruption, 64, 176–77, 181. *See also* anti-  
   corruption legislation  
 council  
   platform, 76–77  
   social media, 76–77  
   work, 80  
 countervailing power, 33, 43, 93. *See also* checks  
   and balances, separation of powers  
 Court of Justice (European Union), 93, 99, 102–03  
 courts, 4, 15–16, 38, 60–61, 64–65, 72, 104–105, 131,  
   169–74  
 Crane, Daniel A., 33, 184  
 Crawford, Kate, 149–50  
 Crémer, Jacques, 69  
 customer, 21–22, 77, 98, 107–10  
 data  
   access to, 93–96, 109–10, 129, 178  
   analysts, 173  
   economy, 49  
   gravity, 40, 94  
   interoperability, 91, 93–96, 124, 128, 136, 156,  
     160, 166–67, 182  
   portability, 93–94, 124, 160, 166–67, 182  
   property rights, 94, 154  
   sharing, 93–94, 126, 128, 182  
   use of, 42, 79, 96, 128  
 Data Act (European Union), 128  
 Data Governance Act (European Union), 126–28  
 data power, 23, 40, 49, 78, 85–87, 95, 111, 148, 156,  
   159  
 data protection, 48–49, 59, 95, 112. *See also*  
   General Data Protection Regulation  
 De Gregorio, Giovanni, 47  
 decartelization, 34  
 decentralization, 153–58, 160–64  
 decentralized autonomous organizations, 167–68  
 decentralized learning, 156–57  
 Declaration for the Future of the Internet, 106,  
   144, 167  
 deconcentration, 34, 60, 63, 87, 93–94, 111, 131,  
   153–58  
 deep learning, 150  
 defense, 84. *See also* Department of Defense  
   (USA)  
 democracy  
   democratic process, 42, 51, 70, 88, 91–95, 111–12,  
     118–20, 144–47, 154–55, 176–78, 183–84  
   in the digital and artificial intelligence era, 4,  
     49–54, 144–47, 181, 184  
   digital infrastructure of, 42, 49–54, 88, 102,  
     118–20, 140–46, 177–81, 183–84  
   platform, 184  
   welfare, 12, 112, 147, 178  
 Department of Defense (USA), 148  
 Department of Justice (USA), 45, 64, 109  
 despotism, 14–15, 26–27  
 developer, 78–81, 124, 133, 137, 142, 167  
 device, 128, 161–62, 164  
 Dicey, Albert, 15  
 digital environment, 128  
 digital and artificial intelligence era, 4–5, 39–54,  
   93–96, 144, 174, 179–81, 183–84  
 digital infrastructure of democracy  
   control of, 140–44  
   notion, 49–54  
   role of digital platforms, 49–54, 88, 102, 118–20,  
     145–46, 177–81, 183–84  
 Digital Markets, Competition and Consumer Bill  
   (United Kingdom), 134–35  
 Digital Markets Act (European Union), 73, 102,  
   124–26, 173  
 Digital Markets Unit (United Kingdom), 134, 169

- digital platforms  
 multisided, 82, 87–91, 98  
 non-transactional, 88  
 notion, 3–4  
 platform power, 5, 23, 40, 49, 78, 85–87, 111, 131, 139, 141–43, 148–49, 169, 174, 179, 184  
 political power, 46–49, 64–65, 88, 92, 95, 111, 149, 182  
 regulation, 122–49, 169–81  
 Digital Services Act (European Union), 102, 123–24  
 Dinielli, David C., 109  
 discrimination. *See* abusive discrimination  
 disinformation, 49, 52  
 disruption, 40, 47, 65  
 distortions of the electoral and political process, 94, 127, 144–47, 176, 183  
 division of powers, 1, 13–16, 25  
 Djelic, now Salles, Marie-Laure, 34  
 dominant digital platforms, 3–4, 47, 49, 67, 74, 85, 94, 101–05, 112, 128, 137. *See also* digital platforms  
 due diligence, 123, 131  
 due process, 61, 169  
 Eben, Magali, 89  
 economic freedom, 23–24, 61, 103, 140, 143  
 ecosystem, 2–3, 40, 62, 66–67, 78–80, 84, 86–90, 122, 133, 137, 139, 142, 144, 163, 183  
 effectiveness, 74, 126  
 efficiency, 67–68, 91  
 election, 46–49, 51–52, 87, 91–93, 97, 111–12, 144–45, 176  
 election laws, 48–49, 95, 141  
 electoral  
 market, 97, 107  
 process, 42, 51, 70, 88, 91–95, 111–12, 118–20, 144–47, 176–78, 183–84  
 Elhauge, Einer, 143  
 Ending Platform Monopolies Act (USA), 135–37  
 enforcement, 20–24, 49, 73–74, 92, 120, 126, 143, 170, 172–73, 183  
 Epic Games, 161–62  
 Epstein, Robert, 42  
 equality, 64, 101, 104, 131, 147, 180–81  
 equilibrium, 16  
 essential facility, 106, 129  
*État de droit*, 18  
 ethics, 82, 119, 151, 153, 168, 174–75  
 ethics committee, 174–75  
 Eucken, Walter, 35  
 European Central Bank, 120  
 European champion, 22, 171  
 European Commission, 22, 60, 66, 98–100, 120, 123–28, 170, 173  
 European Competition Network, 73  
 European Media Freedom Act, 128  
 European treaties, 39, 97–104  
 European Union  
 abuse of dominant position, 95–113  
 acts, 123–28  
 competition law, 19, 37–38, 97–113, 170  
 creation, 37–38  
 fundamental principles, 101–102  
 fundamental rights, 101–04, 143  
 lobbying, 127, 178–180  
 regulations, 59, 73, 94, 123–128  
 treaties, 39, 97–104  
 values, 101–103  
 exclusionary conduct, 106–108, 135, 159  
 Executive Order on Promoting Competition in the American Economy (USA), 11–12  
 expertise, 16, 142, 173–74, 179  
 explainability, 70  
 exploitative conduct, 106–108, 159  
 Ezrachi, Ariel, 112, 139  
 Facebook, 3, 42–44, 46–47, 50–53, 58, 68, 75–79, 82–83, 88, 98, 104, 119–20, 122, 125, 128–29, 142, 147–48  
 fair trial, 169  
 fairness, 12, 69–70, 72, 112, 125, 128, 132, 156  
 fascism, 32, 34  
 Federal Cartel Office (Germany), 61, 129–30  
 Federal Constitutional Court (Germany), 120  
 Federal Court of Justice (Germany), 85, 104  
 Federal Trade Commission (USA), 18, 64, 72, 75, 162, 173  
 federated learning, 156–57  
 fees, 82  
 Ferguson, Niall, 41  
 Ferreras, Isabelle, 80  
 firms  
 digital, 10, 47, 67, 74, 93–94, 97, 102, 111, 121, 126–28, 147–49, 172–75, 183  
 nascent, 65, 163  
 First Amendment (USA), 105, 143  
 Fishkin, Joseph, 47, 80, 105  
 Foer, Franklin, 48  
 Forbath, William E., 47, 80, 105  
 Fox, Eleanor, 31  
 France, 19, 29, 34, 98, 155, 170  
 free speech, 105, 143, 146, 180  
 freedom  
 of choice, 23  
 economic, 23–24, 61, 103, 140, 143  
 of expression. *See* freedom of speech  
 notion, 23–24  
 political, 24  
 of speech, 105, 131, 143, 146, 180

- to conduct business, 103, 143
- Freiburg School of Ordoliberalism, 18, 35, 37–38
- Frenkel, Sheera, 44
- Friedman, Milton, 10, 24
- Friedman, Rose, 24
- Friedrich, Carl J., 29–30
- Fukuyama, Francis, 184
- fundamental rights, 61, 100–106, 140, 143
  
- gaming industry, 3, 78, 131, 162–63, 165
- gatekeepers, 40, 52, 67–68, 86, 120, 124–25, 129, 137, 148, 162–64, 173, 178
- gateways, 40, 52, 86, 97, 148
- General Data Protection Regulation, 59, 73, 94, 128
- General Meeting of Shareholders, 80–81
- generative artificial intelligence, 48, 51, 69, 78, 142, 150
- Geradin, Damien, 67
- Gerber, David J., 37
- Germany, 19–20, 34–36, 38, 61, 80, 104, 120, 128–30, 170, 184
- Ghosh, Dipayan, 45, 53, 76
- Gilded Age, 105
- Giphy, 62
- goals of antitrust, 18, 37–38, 45, 64, 68, 109–10, 184
- Google, 3, 44, 46–47, 50–54, 62, 68, 76–79, 82–83, 88, 99–100, 122, 124–25, 129, 132–33, 135, 137, 142, 147–48
- governance, 17, 44, 57–58, 66, 76–78, 83, 142, 149, 167–68
- governments, 13, 29, 47–48, 67, 83–84, 140–41, 144, 150, 152, 154–56, 178
- group, 28–29, 50, 167, 180
  
- Habermas, Jürgen, 47
- Harari, Yuval Noah, 42
- hate speech, 49
- Haugen, Frances, 119
- Hauriou, Maurice, 29
- Hawking, Stephen, 160
- Hawley, Josh, 42
- Hayek, Friedrich A. (von), 15–16, 27–30, 38, 140
- Heinemann, Andreas, 171
- Hoffman, Steven S., 154, 161, 166
- House Bill 20 (Texas), 138
- Hovenkamp, Herbert, 22, 63, 77, 81, 95
- humankind, 160, 166
- Huttenlocher, Daniel, 150–51
  
- independence
  - antitrust agency, 169–70, 173, 183
  - auditor, 58
  - courts, 14, 16, 18, 170, 174, 183
  - digital and artificial intelligence agency, 152–53
  - director, 58
    - regulatory agency, 146–47, 169–70, 173, 181, 183
  - independent ethics committee, 174–75
  - Independent Privacy Committee, 75
  - India, 19, 130–31
  - Indonesia, 19
  - information, 49–52, 70, 86, 94, 97, 108, 112, 118–20, 142, 144, 166, 177
  - information society, 47, 49–54, 75, 182–83
  - Information Technology Rules (India), 130–31
  - injuries
    - primary-line, 107
    - secondary-line, 107
  - innovation, 22, 40, 65, 109, 125, 132–33, 156, 178
  - Instagram, 3, 43, 51–52, 58, 76, 79, 130, 142
  - Institute of Electrical and Electronics Engineers, 152
  - institutional investor, 143–44
  - integration, European, 17, 37
  - integrity, 16–17, 176, 179
  - intellectual property, 154
  - interconnectivity, 156
  - International Competition Network, 73
  - Internet, 2, 50–52, 99–100, 105–06, 127–28, 144, 161, 166–67
  - Internet of Things, 128
  - interoperability, 91, 93–96, 124, 128, 136, 156, 160, 166–67, 182
  - interpretability, 70, 159
  - interpretation, 34, 96, 100–03, 126
  - investment, 40, 109, 163, 171–72
  - iPad, 124
  - iPhone, 124
  - Iran, 20
  - ISO norms, 68
  - Israel, 20–21
  - Italy, 19–20, 170
  
  - Jefferson, Thomas, 120
  - Johnson, Simon, 154
  - judicial review, 67, 171–72
  - justice, 79, 101
  
  - Kahneman, Daniel, 71
  - Kairouz, Peter, 156
  - Kakao, 3, 50–51, 66, 70, 78, 83
  - Kang, Cecilia, 44
  - Kant, Immanuel, 14
  - Kanter, Jonathan, 45
  - Kaplow, Louis, 22
  - Karanikioti, Theano, 67
  - Katsifis, Dimitrios, 67
  - Katz, Ariel, 68
  - Kavanaugh, Aileen, 17
  - Kefauver, C. Estes, 32

- Kenney, Martin F., 125  
 Keynes, John Maynard, 25  
 Khan, Lina M., 18, 23, 45, 173  
 killer acquisition, 65  
 Kimmelman, Gene, 67–68  
 Kissinger, Henry A., 150–51  
 Klobuchar, Amy, 46  
 Kühling, Jürgen, 178
- laboratory of governance, 83  
 Lamoreaux, Naomi R., 92  
 large language model, 150  
 Lee, Kai-Fu, 160  
 legitimacy, 13, 76, 83, 171  
 level playing field, 110, 124–25, 147, 181  
 Levinson, Daryl, 16  
*lex mercatoria*, 17, 68  
 liability, 158, 167  
 liberty. *See* freedom  
 LinkedIn, 3, 78  
 lobbies, 72. *See also* lobbying  
 LobbyControl, 174, 180  
 lobbying, 72, 117–18, 127, 134–35, 176–81, 183  
 Locke, John, 14  
 Longo, Erik, 68
- Machiavelli, Niccolò, 26, 47  
 machine learning, 150, 154–58  
 Madison, James, 14, 120  
 Magna Carta, 45, 140  
 Mäihäniemi, Beata, 112  
 marginalized communities, 18  
 market  
   definition, 87–93  
   digital, 3–4, 87–88, 90, 133–34, 169. *See also*  
   Digital Markets Act  
 market power, 1, 20–24, 40, 85–86, 125, 129, 134, 136  
 marketplace, 12, 66–69, 79, 135, 137  
 Martenet, Vincent, 17  
 Marty, Frédéric, 36  
 Mazzoli, Eleonora Maria, 142  
 McMahan, H. Brendan, 156  
 media, 117–18, 122, 128, 142  
 media laws, 48–49, 112, 128  
 megaverse, 163  
 Ménissier, Thierry, 47  
 merger control  
   general comments, 35, 63–65  
   legislative or ministerial prohibition, 65, 171  
   ministerial authorization, 170–71  
   purpose, 63–65  
 Merger Filing Fee Modernization Act (USA), 136  
 messaging services, 3, 52, 124  
 Messenger, 3, 52
- Meta Platforms, 3, 41–44, 46–47, 52, 54, 58, 62, 66, 68, 70, 76, 78, 83, 124, 129–130, 138, 148, 162–63, 167  
 metaverse  
   and antitrust, 164–68  
   centralization, 160–64  
   decentralization, 160–64  
   governance, 167–68  
   notion, 160–61  
   regulation, 165–68  
 Mexico, 21  
 Microsoft, 3, 41, 47, 62, 66, 69–70, 78, 83, 124, 129, 148, 150, 162–63  
 microtargeting, 127, 139, 147  
 mini-public, 76–77  
 ministerial authorization, 170–71  
 misinformation, 49, 102, 131  
 Möllers, Christoph, 17  
 Monopolies Commission (Germany), 130  
 monopoly, 29, 45, 52, 54, 85, 91–92, 95, 168  
 Montesquieu, Charles-Louis de Secondat, Baron de La Brède et de, 11, 13–14, 16, 25–27, 30, 38, 120, 140–41, 158, 183  
 Montjoye, Yves-Alexandre de, 69  
 Montreal Declaration for a Responsible Development of Artificial Intelligence, 69, 159  
 Moore, Martin, 68  
 Morse, Jacob E., 34  
 Müller, Jan-Werner, 47, 52  
 Musk, Elon, 50, 69, 78, 146–47
- Nachbar, Thomas B., 68  
 Narula, Herman, 161–63, 165, 168  
 nascent firm, 65  
 national champion, 22, 171  
 natural monopoly, 53–54  
 negotiating skills, 110  
 Netherlands, 21  
 network effects, 3, 40, 91, 93–94  
 neural networks, 150  
 Neuralink, 50  
 neutrality  
   platform, 111, 184  
   technological, 151, 157  
 news, 52, 102, 122–23, 146  
 news media, 122–23  
 News Media and Digital Platforms Mandatory Bargaining Code (Australia), 122–23  
 Nigeria, 21  
 non-governmental organizations, 80–81, 167–68, 174, 180  
 notice-and-comment procedure, 180  
 nudge, 125  
 Nvidia, 151, 162

- Octopus, 33
- oligarchy, 33, 52, 92
- Open App Markets Act (USA), 137
- OpenAI, 3, 51, 69, 78, 142, 150
- Oracle, 148
- Ordoliberalism, 18, 23, 35, 37–38, 60, 140
- Organisation for Economic Co-operation and Development, 4, 67, 73
- Oversight Board, 58, 76, 79, 168
- Page, Larry, 43
- parliaments
- general comments, 15, 41, 71, 127–28, 171
  - platform, 78–84
- parties, political, 41, 48, 91, 95, 97, 103, 111, 117, 147, 177, 184
- payment, 50, 133, 161–62
- payment system, 132–33, 137
- peace, 36
- per se* cases, 21–22, 81
- personnel, 173–76
- Phillips, Angela, 142
- Picht, Peter, 172
- Pike, Chris, 141
- Piketty, Thomas, 53, 80
- Pildes, Richard, 16
- Pitofsky, Robert, 31–32
- platform. *See also* digital platforms
- assemblies, 78–84
  - democracy, 184
  - ecosystem, 2–3, 40, 62, 66–67, 78–80, 84, 86–90, 122, 133, 137, 139, 142, 144, 163, 183
  - neutrality, 111, 183
  - parliaments, 78–84
  - power, 5, 23, 40, 49, 78, 85–87, 111, 131, 139, 141–43, 148–49, 169, 174, 179, 184
  - regulation, 122–49, 169–81
- Platform Competition and Opportunity Act (USA), 136
- Play Store, 132–33
- Podszun, Rupprecht, 173
- policy, 2, 18, 22–23, 28, 38, 63, 65, 73, 85, 87, 139, 159, 178, 182
- Pollicino, Oreste, 47
- portability, 93–94, 124, 160, 166–67, 182
- positives, false, 109
- Posner, Eric, 48, 143
- power
- abuse of, 11–13, 15, 66, 118–19
  - in antitrust provisions, 19–21
  - concentration of, 11–18, 38–46, 60–61, 64–65, 74, 143, 149–53, 166–68, 178–184
  - corporate, 45–46, 80, 172
  - data, 23, 40, 49, 78, 85–87, 95, 111, 148, 156, 159
  - distribution of, 57–58
  - economic, 1, 5, 10–13, 15, 18, 21, 28–38, 45, 59, 78, 164, 174, 182
  - governmental, 5, 139, 141–43, 149, 169, 174, 179, 184
  - notion, 9–13
  - platform, 5, 23, 40, 49, 78, 85–87, 111, 131, 139, 141–43, 148–49, 169, 174, 179, 184
  - political, 2, 10, 13, 16–17, 26–33, 36–38, 46–49, 64–65, 88, 92, 95, 111, 149, 161, 182
  - politico-economic, 2, 5, 24, 48–49, 60, 63–65, 76, 85–87, 93–94, 111, 121, 138, 145, 154, 165, 169, 172, 174–77, 179, 181, 183
  - private, 23, 29, 45, 58
- predictability, 89
- prediction services, 95, 150
- privacy
- and antitrust, 48–49, 67, 88–91
  - and artificial intelligence, 154–56
  - computing, 157–158
  - data privacy or protection, 48–49, 59, 70, 75, 94–95, 112
  - laws, 48–49, 73, 86, 112
- private sector, 18, 28, 173–175, 176–181
- privatization, 17, 183
- process
- competitive, 18, 45, 107–109
  - democratic, 42, 51, 70, 88, 91–95, 111–12, 118–20, 144–47, 176–78, 183–84
  - electoral, 42, 51, 70, 88, 91–95, 111–12, 118–20, 144–47, 176–78, 183–84
- profiling, 155
- property, 61, 94, 105, 130
- public
- goods, 50, 53
  - option, 141
  - servant, 173–76
  - service, 53, 142
  - sphere, 50–51, 77, 141–42
  - utilities, 53, 138
- quantum computing, 159
- Rahman, K. Sabeel, 58
- Rechtsstaat*, 18
- recommendation, 57, 130, 152, 154–55, 174
- referendum, 46, 51, 85, 87, 91–94, 97, 101–02, 111, 120–21, 140, 144, 176
- regulation
- and antitrust, 2, 66–74
  - private, 66–70, 74, 82, 165, 168, 182–83
  - public, 2, 52, 71–75, 82, 152. *See also* artificial intelligence, digital platforms, metaverse, platform

- Regulation on the Transparency and Targeting of Political Advertising (European Union), 127, 139
- remedies, 74–84, 100, 125, 130, 160, 172–73, 181
- Responsible Business Conduct, 58
- revolving doors, 173–75
- rivals' cost, 108, 137
- Robertson, Viktoria H.S.E., 89
- Roblox, 163
- Roosevelt, Franklin D., 24
- Rose-Ackerman, Susan, 179
- rule of law, 4, 11, 15, 18, 35, 38, 64, 71, 101, 153, 169
- rule of reason, 22, 81
- Russia, 20, 50
- sanction, 13, 57, 172, 174
- Sarbanes-Oxley Act (USA), 58
- satellite, 50
- Saudi Arabia, 20
- Schmidt, Eric, 150–51
- Schumpeter, Joseph, 25
- Schweitzer, Heike, 69
- Scott Morton, Fiona M., 109, 143
- search, 41, 46, 51, 88, 100. *See also* search engine
- search engine, 48, 86, 97, 99, 102, 107–08, 123, 125, 131, 141–42, 150, 182
- self-preferencing, 95, 112, 124, 135, 137
- self-restraint, 171
- separation of powers. *See also* checks and balances
- antitrust in, 85–113
  - in antitrust, 57–84
  - history, 13–18
  - multilevel, 120
  - new axes, 140–81
  - notion, 13–18, 182–84
  - power-centered, 117–21
  - in separation of powers, 85–113
- Shapiro, Carl, 64
- shareholder, 43–44, 57, 61, 77, 80–91, 83, 96, 144.  
*See also* General Meeting of Shareholders
- Sherman, John, 11, 32
- Sherman Act (USA), 4, 19, 22–23, 31–34, 72, 77, 95, 101, 105, 140
- Sibony, Olivier, 71
- Simmel, Georg, 30
- Simoncini, Andrea, 68
- Simons, Josh, 45, 53, 76
- Sitaraman, Ganesh, 141
- small but significant and non-transitory decrease in privacy (SSNDP), 89–91
- small but significant and non-transitory decrease in quality (SSNDQ), 89–91
- small but significant and non-transitory increase in price (SSNIP), 89
- smartphones, 41
- SMEs, small and medium enterprises, 180
- Smith, Adam, 25, 41
- social justice, 15, 79, 101
- social media, 41, 43, 46, 52, 76–77, 123–24, 131, 138
- social media council, 76–77
- social networks, 24, 41, 48, 85–86, 88, 95, 97–98, 102, 108, 125, 141, 182
- society
- civil, 17, 80, 152–53, 180
  - information, 47, 49–54, 75, 182–83
  - virtual, 104, 168
- Sony, 162–63
- South Africa, 20
- SpaceX, 50
- Spain, 20–21, 170
- Spotify, 133
- Standard Oil, 33, 92
- standards, 40, 67–68, 77, 94, 125, 152, 161–62, 165, 167, 182. *See also* community standards
- Starlink, 50
- start-up, 12, 65, 90, 180
- State Antitrust Enforcement Venue Act (USA), 135
- Statement of Objections, 61, 66
- statute
- antitrust, 19–23, 34, 72, 77, 95, 101, 105, 128–30, 133–38, 140, 144
  - interpretation, 34, 105
  - varia, 79, 122–23, 130–33, 144
- Stephenson, Neal, 160
- Stigler Committee, 145
- Stucke, Maurice E., 112, 139, 154–55, 178
- subsidiarity of antitrust and competition laws, 48–49, 145
- Sunstein, Cass R., 71
- Supreme Court (India), 131
- Supreme Court (USA), 21–22, 138, 140
- surveillance, 79, 154
- Susskind, Jamie, 5, 79, 172
- Sweeney, Tim, 161
- Switzerland, 170
- talent, 40, 173
- Tambini, Damian, 68
- tax, 28, 157
- Telecommunications Business Act (South Korea), 132–33
- Tencent, 3, 66, 69–70, 78, 162
- Tesla, 47



- Texas, 138  
 TikTok, 3, 43, 51, 142  
 tipping effects, 40  
 Tocqueville, Alexis de, 14, 26–27  
 tolerance, 101  
 totalitarianism, 25, 29–30, 32–33  
 tracking, 127, 139  
 trading parties or partners, 96–100, 106–07, 110, 112, 125, 144, 147, 179  
 transparency, 64, 69–70, 81–83, 111, 123, 127, 132, 134, 138–39, 141, 151–52, 162, 168, 172, 175–76, 180  
 Treaty on European Union, 101–03  
 Treaty on the Functioning of the European Union, 4, 19, 61, 72, 91–104, 106–07, 112  
 Trump, Donald J., 47, 76  
 trust, 5, 82, 134, 144, 153–54, 184  
 Turkey, 21  
 Twitter, 3, 50–51, 69, 78–79, 83, 120, 128, 146–47  
 tyranny, 14–15, 27, 45  
 Ukraine, 50  
 unbundling firms, 34, 59–63, 130, 149  
 UNCTAD, 73  
 unions, 80  
 United Kingdom, 20, 62, 133–35, 162, 170  
 United Nations, 17, 151. *See also* UNCTAD  
 United States  
   antitrust laws, 2, 4, 19, 22–23, 31–34, 63–64, 72, 77, 92, 95, 97–98, 101, 105, 140  
   Committee on Foreign Investment in the United States, 171–72  
   Department of Defense, 148  
   Department of Justice, 45, 64, 109  
   Federal Trade Commission, 18, 64, 72, 75, 162, 173  
   legislative proposals, 135–39  
   lobbying, 178, 180–181  
   revolving doors, 174  
   statutes, 58–59, 75  
   Supreme Court, 21–22, 138, 140  
 unity, 30, 168  
 Unity Software, 162  
 university. *See* academia  
 user, 3, 46–47, 50, 52, 61, 69–70, 72, 77–84, 88–91, 93–94, 100, 123, 125–26, 132, 138, 164, 167  
 user-citizen, 77–78, 97, 168. *See also* citizen  
 utilities, 53, 138  
 values, 13, 100–03  
 Verveer, Phil, 67–68  
 Vestager, Margrethe, 22  
 veto, 81  
 Vile, Maurice, 15  
 virtual world, 160–63, 166–67  
 Volokh, Eugene, 146  
 vulnerable person, 12, 28–29  
 Waldron, Jeremy, 15, 17  
 Warren, Elizabeth, 59, 145  
 weapon, 159  
 Weber Waller, Spencer, 34  
 WeChat, 3  
 welfare  
   citizen, 147  
   consumer, 12, 45, 92–93, 109  
   democracy, 12, 112, 147, 178  
   public, 23  
 West African Economic and Monetary Union, 20  
 Weyl, Glen, 48, 143  
 WhatsApp, 3, 43, 51–52, 130  
 Wheeler, Tom, 67–68  
 whistleblower, 118–19, 153  
 Wikipedia, 51, 160  
 Wingfield, Nick, 119  
 winner-take-all-or-most tendency, 40  
 worker, 12, 61, 80  
 World War II  
   aftermath of, 34–37  
   prior to, 36  
 Wu, Tim, 44–45  
 YouTube, 3, 52, 142  
 zero monetary price products  
   or services, 87–91, 98  
 Zingales, Luigi, 181  
 Zuboff, Shoshana, 145, 184  
 Zuckerberg, Mark, 43–44, 47, 75, 118, 147  
 Zuckerman, Ethan, 50  
 Zysman, John, 125