

Index

- actual data rights 156–158, 162, 164
- altruism xxiii, 90, 134, 197, 199, 202
- attribute of the right 98, 99
 - Data Rights Attributes 152
 - new right attribute 249
 - Rights Attribute of “Personal Information” 153
- automata 238

- block data 6–7, 21, 26–32, 48, 211, 230, 244, 247–249
- Block Data Paradigm 21
- borderless sharing 134

- chaos theory 40
- cloud-brain age 15
 - see also* era of cloud-brain
- Collingridge dilemma 205
- commercialization of personality
 - right 107, 153
- computer age 15
- confirming of rights and duties and settlement of disputes 161
- control right 129, 131

- data are valued xx
- data collection xx, 18, 27, 31, 71–72, 125
- data collection right xx
- data combination 23–24
- data congestion 31
- data control rights 129, 131
- data disorder 21, 30, 40
- data empowerment 44
- data explosion 23, 26, 93, 110
- data integration 24, 27

- data monopoly 30, 49, 173, 185, 201
- data of public benefits 183–188
- data ownership system xxii, 155, 165, 173, 249
- data person xix–xxi, xxiii, 42, 51, 71, 81, 97, 105, 107, 116, 137, 159, 252
- data property right xx, 25, 42, 97, 98, 105, 114–115, 118, 124, 137
- data relation xix, 2, 23–24, 46, 230
- data rights enjoyed by data owners 175
 - see also* individuals may enjoy their legitimate interests of data rights
- data rights sharing system 195–202
- data rights subject 180, 198–199
- data rights system xix, xxii–xxix, 119, 145, 155–169, 171–181, 183–191, 195–203, 247–251
- data sovereignty xx, xxii, xxiv, xxvii, 42, 44, 88, 91, 99, 102, 128–133, 147–152
- data transaction xxii, 111, 172, 208
- data trans-boundary 16
- data usufruct xx, xxiii, 174, 178–179, 184, 192, 249
- digital civilization xxiv, xxv, xxvii, xxix, 1, 5, 23, 44, 46–47, 51, 87–90, 155–159, 164–166
- digital economy xxii, xxvii–xxix, 5, 41, 51, 125, 180, 206–212
- digital intelligence society 229–232
- digital order xxiii, 5–7, 25–36, 42, 44–47
- digital society 15, 17, 20, 22, 27, 133, 164, 206–207, 211, 216, 225, 241
- digital space 5, 22, 44, 134

- economic man 88–89, 99, 104
- egoism 102
- equal rights 69
see also right to equality
- era of cloud-brain 248
see also cloud-brain age
- era of labour combination 11
- establishing rights for data 97
see also granting rights to data
- exclusiveness 81, 87, 99, 136, 207
- fair use regime of data ownership 173
- first-generation human rights 59–63
- fourth industrial revolution 84, 238–239
- gene man 239, 242–243
- government data 182–183, 186
- granting rights to data 46
see also establishing rights for data
- human brain age 15
- human rights xix, xx, 37, 51–52, 54–79,
 83–104, 156, 202, 236, 247
- hyper-data era 31
- idealistic data rights 156–158, 162
- important strength of social control 219
see also other forces of social control,
 other social control forces
- individuals may enjoy their legitimate
 interests of data rights 199
see also data rights enjoyed by data
 owners
- information Internet 4, 40–42
- interest-driven theory of human rights 61
see also interest theory of human rights
- interest theory of human rights 61
see also interest-driven theory of
 human rights
- law of entropy generation 8
- legal person data 182
- limited domination 186
- making the best use of data xxi, xxiii
- moral man 99
- multiple ownerships for one data xxi,
 133–134, 213, 248
- natural fructus 178
- natural person xx, 80, 91, 95, 99–99, 101,
 116, 119, 123, 138, 141, 167, 176, 238,
 242
- need for order 43
- new type of personality right 105, 106,
 107, 116, 118
- non-exclusive 111, 115
- object of data rights xxii, 98, 119, 120,
 124, 186
- object of the right 97, 116
- one ownership for one object xxi, 78, 127,
 133, 166–167, 194, 248
- order Internet 4, 39–42
- other forces of social control 215
see also other social control forces,
 important strength of social
 control
- other social control forces 214
see also other forces of social control,
 important strength of social control
- ownership of data right 162–163
- personal
 personal data xx, xxi, xxii–xxiii,
 xxviii, 2–4, 31, 42, 88, 92, 107–108,
 115–118, 123–189
- personal data rights xx, 4, 88, 108, 116,
 138, 142, 187–188
- personality rights xx, 42, 72, 88,
 97–107, 114, 116, 118, 123–126,
 137–142
- personality right of data xx
- point data 26–28, 142
- political man 99, 142
- power of self-defense 147
see also right to self-defense

- powers and functions of right 98, 99, 249
- privacy
 personal privacy xxiv, 5, 25, 71, 140, 141, 190
 privacy law 126
 privacy laws of the United States 140
 privacy protection xix, 108, 126, 132, 140
 privacy rights 123, 126, 127, 140, 142
 right to privacy 124
- private right xxi–xxii, 3, 80–81, 86–87, 99, 106, 121, 137–153, 181–185, 196, 241
- private right attribute of data 199
- private subject 73, 87
- properties are tangible xxi, 165–166, 248
- property order 208
- property right xx, xxi, 2–3, 25, 37, 42, 46, 53, 59, 62, 98, 109, 124, 136
- property right law 124
- public domain data 182, 186–187
- public domain products 182
- public power 81, 121, 137, 142–153, 187
- public right attribute of data 184
- public welfare 166, 181, 184, 186
- regulation of social norms 233
see also social norm control system, system of social norm regulation and control
- remixing xxiii, 6–28, 46, 248
- remixing culture 18
- remixing era 11, 19, 248
- res corporales 73, 75, 77–80, 87, 100–102, 122, 166
- restricted data rights 175, 176, 177
- right of control 148
see also right to process 169
- right of freedom 66
- right over other person's data 176, 179
see also rights enjoyed by others
- rights enjoyed by others 175
see also right over other person's data
- right structure 7
- right to be forgotten xxiii
- right to benefit from data xxiii
see also right to dispose, usufructuary data rights, usufructuary right of data
- right to dispose 79, 80–81, 144, 138, 171
see also usufructuary data rights, right to benefit from data, usufructuary right of data
- right to equality 53, 56
see also equal rights
- rights to information network
 dissemination 109
see also right to spread knowledge
- right to modify data xx
- right to process 169
see also right of control
- right to replicate 169
- right to self-defense 53
see also power of self-defense
- right to self-jurisdiction 53
- right to spread knowledge 93
see also rights to information network dissemination
- second-generation human rights 62–63
- shared civilization 47
- sharing economy 135, 192–194
- sharing rights xx, xxiii, 88, 101, 119, 192, 248
- sharing society 135, 197, 240
- sharing system xxii, 155, 192, 194–202, 249
- singularity man 242, 243
- small data era 23
- social man 88–89, 104, 115

- social norm control system 234
see also regulation of social norms,
 system of social norm regulation
 and control
- special remedies 187
- spontaneous order 34, 43–44
- state of nature 53–54, 61, 74, 75
- statutory category of data rights 160–161
- statutory content 161
- statutory data rights xxii, 157–164
- statutory fructus 178
- statutory system of data rights 155, 156,
 158, 159, 161, 162, 249
- strip data 26–27
- subjects of data rights for public interests
 are a compound 188
- system of data rights for public
 interests xxii, 155, 181, 185, 249
- system of data usufruct xxii, 249
- system of social norm regulation and
 control 234
see also regulation of social norms,
 social norm control system
- terminable data rights 177
- theory of data property right 106, 114,
 118
- theory of human nature 52, 56, 100
- theory of instinctive human rights 61
see also theory of natural human
 rights, theory of natural rights
- theory of intellectual property 106, 108,
 116, 128, 203
- theory of moral rights 52, 57
- theory of natural human rights 61
see also theory of instinctive human
 rights, theory of natural rights
- theory of natural rights 3, 52–55, 61, 69
see also theory of natural human rights,
 theory of instinctive human rights
- theory of social rights 52, 55, 56
- theory of trade secrets 106, 110, 117
- third-generation human rights 60, 64–65
- transfer of ownership 172
- transfer of rights 115
- type of rights 80, 88, 122, 166, 179, 249
- usufructuary data rights 155, 174–181, 188
see also right to benefit from data,
 right to dispose, usufructuary
 right of data
- usufructuary right of data xx
see also right to benefit from data,
 right to dispose, usufructuary
 data rights
- value Internet 4, 40–42
- virtual property 78, 127, 141