

References

- Augustine. 1955. *Confessions and Enchiridion*. Trans. Albert Cook Outler. Philadelphia: Westminster Press.
- Blackburn, Simon. 1981. Reply: Rule-Following and Moral Realism. In *Wittgenstein: To Follow a Rule*, eds. S. Holtzman, and C.M. Leich, 163–187. London: Routledge.
- Boghossian, Paul. 1989. The Rule-Following Considerations. *Mind* 98(392): 507–549.
- Clark, Andrew, and David Chalmers. 1998. The Extended Mind. *Analysis* 58(1): 7–19.
- Copp, David. 2015. Explaining Normativity. *Proceedings and Addresses of the American Philosophical Association* 89: 48–73.
- Dennett, Daniel. 2013. *Intuition Pumps and Other Tools for Thinking*. New York: W.W. Norton.
- Dewey, John. 1916/2008. The Nature of Method. In *The Middle Works of John Dewey, 1899–1924, Volume 9: 1916, Democracy and Education*, ed. Jo Ann Boydston, 171–187. Carbondale, IL: Southern Illinois University Press.
- Dotov, Dobromir, Nie Lin, and Anthony Chemero. 2010. A Demonstration of the Transition from Ready-to-Hand to Unready-to-Hand. *PLoS One* 5(3), e9433. doi:[10.1371/journal.pone.0009433](https://doi.org/10.1371/journal.pone.0009433).

- Dreyfus, Hubert L. 1990. *Being-in-the-World: A Commentary on Heidegger's Being in Time, Division I*. A Bradford Book. Cambridge, MA: The MIT Press.
- Fodor, Jerry. 1974. Special Sciences. *Synthese* 28(2): 97–115.
- Gampel, Eric H. 1997. The Normativity of Meaning. *Philosophical Studies* 86: 221–242.
- Gell-Mann, Murray. 1995. *The Quark and the Jaguar: Adventures in the Simple and the Complex*. New York: Henry Holt.
- Goldman, Alan H. 1977. Plain Sex. *Philosophy and Public Affairs* 6(3): 267–287.
- Harman, Gilbert. 1986. Moral Explanations of Natural Facts – Can Moral Claims Be Tested Against Moral Reality? *The Southern Journal of Philosophy* Supp. 24: 57–68.
- Haugeland, John. 1982. Weak Supervenience. *American Philosophical Quarterly* 19: 93–101.
- Haugeland, John. 1998. Toward a New Existentialism. In *Having Thought: Essays in the Metaphysics of Mind*, 1–6. Cambridge, MA: Harvard University Press.
- Hume, David. 1740/1978. *A Treatise of Human Nature*. Oxford: Clarendon Press.
- Kelly, Erin. 2004. Against Naturalism in Ethics. In *Naturalism in Question*, ed. Mario DeCaro and David Macarthur, 259–274. Cambridge, MA: Harvard University Press.
- Kim, Jaegwon. 1988. What Is Naturalized Epistemology? *Philosophical Perspectives* 2: 381–405.
- Kornblith, Hilary. 1999. In Defense of Naturalized Epistemology. In *The Blackwell Guide to Epistemology*, ed. John Greco and Ernest Sosa, 158–169. Malden, MA: Blackwell Publishers.
- Kuhn, Thomas S. 1970/2000. Reflections on My Critics. In *The Road Since Structure*, 123–175.
- Lance, Mark. 1996. Quantification, Substitution, and Conceptual Content. *Noûs* 30(4): 481–507.
- Loewer, Barry. 1997. A Guide to Naturalizing Semantics. In *A Companion to the Philosophy of Language*, ed. B. Hale and C. Wright. Oxford: Blackwell Publishers.
- McDowell, John. 1978. Are Moral Requirements Hypothetical Imperatives? *Proceedings of the Aristotelian Society, Supplementary Volumes* 52: 13–29.
- McDowell, John. 1994. *Mind and World*. Cambridge, MA: Harvard University Press.

- McNaughton, David, and Piers Rawling. 2003. Naturalism and Normativity. *Aristotelian Society Supplementary Volume* 77(1): 23–45.
- Peirce, Charles Sanders. 1992. *The Essential Peirce: Selected Philosophical Writings, Vol. I: 1867–1893*, ed. N. Houser, and C. Kloesel. Bloomington, IN: Indiana University Press.
- Price, Huw. 2004/2011. Naturalism Without Representationalism. In *Naturalism Without Mirrors*, 184–199. Oxford: Oxford University Press.
- Putnam, Hilary. 1981. *Reason, Truth and History*. Cambridge: Cambridge University Press.
- Putnam, Hilary. 2004. *Ethics Without Ontology*. Cambridge, MA: Harvard University Press.
- Quine, W.V.O. 1981. *Theories and Things*. Cambridge, MA: Harvard University Press.
- Rorty, Richard. 1991. Solidarity or Objectivity? In *Objectivity, Relativism and Truth: Philosophical Papers*, ed. Richard Rorty, 21–34. Cambridge: Cambridge University Press.
- Sellars, Wilfrid. 1949. Language, Rules and Behavior. In *John Dewey: Philosopher of Science and Freedom*, ed. Sidney Hook, 289–315. New York, NY: The Dial Press.
- Sellars, Wilfrid. 1959/1991. Phenomenalism. In *Science, Perception, and Reality*, 60–105. Atascadero, CA: Ridgeview.
- Sellars, Wilfrid. 1963a. Abstract Entities. *Review of Metaphysics* 16(4): 627–671.
- Sellars, Wilfrid. 1963b. Some Reflections on Language Games. In *Science, Perception and Reality*, 321–358. Atascadero, CA: Ridgeview.
- Sellars, Wilfrid. 1969. Language as Thought and as Communication. *Philosophy and Phenomenological Research* 29(4): 506–527.
- Sellars, Wilfrid. 1974. Meaning as Functional Classification. *Synthese* 27: 417–437.
- Sen, A. 1984. *Resources, Values, and Development*. Cambridge, MA: Harvard University Press.
- Simon, Herbert. 1969. *The Sciences of the Artificial*. Cambridge, MA: The MIT Press.
- Sturgeon, Nicholas. 1988. Moral Explanations. In *Essays on Moral Realism*, ed. Geoffrey Sayre-McCord, 229–255. Ithaca, NY: Cornell University Press.

- Vigen, Tyler. n.d. Divorce rate in Maine Correlates with Per Capita Consumption of Margarine (US). *Spurious Correlations*. http://www.tylervigen.com/view_correlation?id=1703. Accessed 25 June 2015.
- Wilson, Edward O. 1998. The Biological Basis of Morality. *The Atlantic Monthly*, April: 53–70.
- Wittgenstein, Ludwig. 1969. In *On Certainty*, ed. G.E.M. Anscombe and G.H. von Wright. New York: Harper and Row.

Index

A

abstract objects/entities, 8, 22, 24–6,
63, 127, 293
action-guiding content, xvii, 188,
193, 195, 204, 265
action-guiding mode, 179, 194, 198,
199, 211, 213, 214
direction, 199–200, 202–5,
214–17, 240
endorsement, 199–206, 211–13,
240
permission, 199, 203–5, 240
proscription, 199–201, 203–5,
211, 214–16, 240
repudiation, 199, 202–5, 211–13,
240
agency, 42, 43, 55–7, 242, 246–9,
261n12

agents, 17, 18, 20, 29, 48, 50, 56,
73, 76, 78, 84, 94, 117,
118, 124, 130, 149, 151,
157, 159, 164, 165, 167–9,
172, 173, 176n2, 191, 192,
196, 197, 200, 202, 203,
209, 212, 214, 215, 233,
234, 237, 239, 242, 243,
245–9, 254, 261n12, 266,
278, 280, 282, 289, 298,
305, 312, 315
anti-transcendentalism, 11, 13, 14
arbitrary terms (substitutional
quantification), 122

B

behavioral economics, 277

Note: Page number followed by 'n' refers to notes.

Blackburn, Simon, 86, 139, 150,
225, 255, 256
 Bandom, Robert, 22, 25, 26, 30n6,
41, 105, 113, 114, 136n8,
143, 176n7, 245, 261n7

C

causal-functional mechanisms,
283–92, 296
 Chemero, Anthony, 146–8
 collapse argument, 62, 81
 contribution
 asymmetrical, 276, 277, 279,
 285, 295, 302
 bilateral, 277, 279, 285, 287,
 295–7, 302, 329
 EJ (explanatory-justificatory),
 304–15
 structural, 293–6
 symmetrical, 276
 unilateral, 277, 284, 296
 vertical, 176n1, 285–8, 290–5,
 301
 Copp, David, 95, 96, 225, 249
 counterfactual robustness, norms of,
170, 323–30
 curiosity, 325–8, 330n6

D

declaratives, normative, 116, 118,
119, 185, 187, 190, 194–9,
202, 211, 213, 216
 Descartes, Rene, 17, 20, 151
 Dewey, John, 1, 12–13, 15, 16, 146,
147, 149
 discourse pluralism, 106, 266

 moderate, 125–35, 274, 283
 strong, 126, 128–31, 134, 274
 weak, 126
 discourse region, 134, 135, 153,
176n1, 266, 271, 273–7,
279–81, 283–8, 293–8,
299n2, 301, 302, 311, 315,
316, 319, 329
 Dotov, Dobromir, 147, 148
 dualism, 143–6, 149, 252, 308

E

eliminativism, 55, 79, 98, 99, 224,
280
 doctrinal, 100, 124, 142, 225,
265
 ontological, 100, 142, 224, 225
 embodied/embodyment, xiii, 13, 16,
18, 23, 36, 45, 48, 140,
143–5, 149, 150, 152, 153,
156–60, 162, 165, 168,
172, 217, 221, 249, 252,
253, 257, 262n13, 298,
303, 312, 317
 empirical constraint, 124, 251,
254
 endocrinology, 284, 288–92, 296,
301
 epistemic appraisal, 37–44, 73
 epistemic evaluation, 40, 84
 epistemology, 11, 27, 30n5, 45, 46,
53, 65, 68, 70, 77, 79,
136n11, 209, 251, 260n1,
308, 314
 naturalized, 46, 67
 Essential Justificatory Role of
 Meaning (EJRM), 71

expressivism, 26, 95, 114, 121, 139,
142, 154, 158, 179–81,
186, 188, 195, 205, 207,
225, 283
extended mind hypothesis, 145, 147,
149

F

facts

natural, xv, 41, 54, 69, 70, 75,
77–9, 86, 93, 157, 174,
222, 226, 227, 240, 250,
251, 258
non-natural, 13, 242
non-normative, 83, 98, 117,
118, 174, 175, 194, 231,
240
normative, 14, 83, 89, 92,
99, 141, 153, 155, 222,
223, 229, 250, 253,
261n3
fallibilism, 16–21, 30n8, 236, 241,
327, 328
fictionalism, 8, 187, 295
focus (of a normative claim), 195–8,
202–4, 214–16
Fodor, Jerry, 266–70, 292
framework (Carnap), 2, 14, 39, 114,
126–34
internal *vs.* external questions,
127, 130

G

Goldilocks condition (GC), 87–9,
91
goods talk, 205, 209

H

Hampton, Jean, 39, 43, 44, 48, 50,
51, 78, 163
Harman, Gilbert, 65, 70, 97, 141,
224, 253, 260n1, 282,
330n3
Haugeland, John, 12, 13, 91,
102n13, 151

I

inferentialism, 31n13, 195
informative base (IB) condition, 87,
88, 91
integrationist (anti-reduction
strategy), 270–3, 286
intellectualism, 143, 144, 149, 252,
308
interests
 general, 152, 153, 166–76
 local, 166–9, 171–4
 role in cross-discourse
 contribution, 273–6, 278,
 280, 281, 283, 284, 286,
 290, 292, 295, 296, 298,
 303, 310, 312, 316–18,
 320–5

J

James, William, 12, 30n6, 146, 147,
149
Janet, Myth of, 169, 170

K

Kitcher, Philip, 1, 267–71, 273, 277,
292

Korsgaard, Christine, 48–52, 74, 163
 Kraut, Richard, 23, 24, 161
 Kuhn, Thomas, 1–3, 30n1, 37, 38,
 40
 Kukla, Rebecca, 145, 149, 156,
 176n2, 196

L

Lance, Mark, vii, 114, 122, 136n5,
 145, 149, 156, 176n2, 196,
 234, 261n7
 layer cake (view of normativity),
 150–3, 155

M

manifest image, 4, 55, 57
 mathematics, 8, 126, 127, 130–3,
 230, 232, 270, 271, 273–5,
 284, 289, 292–4
 maximal entity-type neutrality
 (mathematics), 294
 McDowell, John, 5, 31n11, 93, 139,
 140, 150, 155, 227, 228,
 230, 232, 246, 247, 255–7
 metatheoretical, 15, 132, 266, 273,
 274, 276, 284, 298
 methodological modesty, 16–21
 Mill, John Stuart, 17, 327

N

naturalism
 object, 6, 282
 subject, 6
 Naturalism Principle, 226, 229, 230,
 242
 Nie, Lin, 147, 148

nominalism, 8, 22, 63, 295
 non-generalizing subjects of inquiry,
 323–30
 non-overlapping magisteria (NOM),
 29
 Non-Relativism Principle, 226, 229,
 230, 234, 239, 242
normative content
 epistemic, 69, 72, 81
 moral, 69
 normativity
 instrumental, 45–55, 57n1
 non-instrumental, 35–7, 48
 semantic, 69, 71–2
 Nussbaum, Martha, 166, 314

O

1/f scaling, 148
 ontological conservatism, 7, 9, 10
 ontology, xv, 1–15, 21, 22, 24, 100,
 106, 113, 121, 125, 128,
 158, 162, 222, 266, 282, 293

P

Peirce, Charles Sanders, 17–19, 108,
 115, 149, 161–3, 189
 physicalism, 299n5
 practical reason/reasons/reasoning,
 40, 51, 53, 75–80, 166,
 167, 201
 prescription, 242, 297
 Price, Huw, 6, 105, 113, 114, 123,
 125, 126, 128, 136n5,
 136n10
 projectivism, 86, 139, 150, 225,
 255–7
 properties

- mere aggregate, 63, 64, 156
 normative, 24, 31n12, 61, 63–6,
 81–6, 88–93, 97–9, 114,
 120, 124, 132, 136n7, 142,
 149, 150, 154, 157, 188,
 194–5, 249, 250, 253, 257,
 265, 297, 304
 substantive, 93, 94, 113, 114,
 133, 135, 142, 155, 156,
 186–8, 194, 206, 265, 312
 psychology, 5, 7, 13, 45, 48, 53, 54,
 61, 65, 73, 74, 78, 84,
 101n3, 113, 132, 134, 141,
 157, 158, 161, 164, 167,
 208, 209, 253, 254, 256,
 265, 266, 270, 272, 276–8,
 281, 286, 288, 298, 299n2,
 302, 309, 310, 312–14,
 318, 320
 Putnam, Hilary, 30n8, 39, 65, 67,
 108–11, 135n2, 267, 316
- Q**
 quantification
 objectual, 121, 124, 205
 substitutional, 121, 122, 124,
 205
 quasi-reification, 206, 210, 214
- R**
 rationality, instrumental, 36, 46, 49,
 51, 52, 54
 ready-to-handness, 147
 reason, instrumental, 44–57, 78
 reductionism, xvi, xvii, 16, 61, 62,
 64–81, 85, 89, 90, 101n2,
 180, 226, 247, 267, 268,
 270, 272, 275, 280, 283,
 287, 295
 anti-, 231, 265–70, 288, 292,
 299n2, 313
 relativism, xvi, 13–14, 26, 157, 226,
 230, 234, 235, 239, 241,
 242, 261n8
 representationalism, 13, 22, 24–6,
 31n15, 98, 105, 107, 108,
 110–12, 114, 123, 125,
 141, 181, 197, 205, 207,
 222, 240, 250, 301
 restriction commitment, 211–13,
 218n12
 revisability, 18, 163, 236, 246
 Rorty, Richard, xv, 1, 2, 12, 13,
 110–12, 115, 160, 176n3,
 222
 Rosenberg, Alexander, 45–7, 55
 rules of action, 215, 216
 rules of criticism, 214, 216, 217
- S**
 Scanlon, Thomas, 23
 scientific image, 4, 39, 57, 282,
 299n4
 scientific progress, 4, 37, 38, 40
 scientism, 5–6, 16, 27–30, 45, 47,
 55
 segregationist (anti-reduction
 strategy), 128, 131, 271
 Sellars, Wilfrid, 1, 4, 8, 15, 16,
 19, 22, 24–6, 29, 31n14,
 57, 57n2, 66, 141, 142,
 155, 169, 214, 225, 233,
 236, 242–6, 261n5,
 299n4
 Sen, Amartya, 314

singular terms
 arbitrary *vs.* referential, 122
 normative, 212, 213

situationism, 209, 218n10, 311,
 312, 330n3

space of reasons, 56, 245, 248

structural contribution, 292, 294,
 297

supervenience, xvi, 9, 58n4, 61–4,
 79–82, 84–93, 98, 99,
 101n2, 101n10, 102n12,
 106, 107, 139, 174, 193,
 194, 223, 226, 228, 229,
 250, 276, 282, 283, 297

global, 88, 90–3, 102n13, 174,
 175, 194

strong, 81–7, 89, 90, 92

weak, 86, 87, 89

T

target audience (of a normative
 claim), 117, 195, 196, 205,
 215

testosterone, 210, 289, 291

truth, 10, 14, 22, 23, 28, 39–44, 52,
 57n1, 57n2, 76, 96,
 105–15, 117, 118, 120,
 127, 134, 135n1, 136n5,
 142, 180, 184, 188, 191,
 193, 194, 206, 225,
 229–31, 235, 236, 239–41,
 299n3, 306, 308, 316, 317

deflationary, 112–15, 120, 135n4,
 188, 193

internalism, 107–12, 241

relativism, 108

substantive notion of, 107, 109,
 111–14, 188, 239

truth-apt, xvii, 27, 106, 107,
 109–12, 114–16, 118, 135,
 136n11, 139, 140, 181–5,
 187, 194, 195, 206, 230,
 241, 282

U

universal, 8, 21–2, 30n2, 31n12,
 31n13, 63, 299n5

utilitarianism, 23, 206, 254, 258,
 313, 314, 322

V

virtue
 epistemic, 327, 328
 ethics, 166, 168, 209, 311, 330n3
 reliabilism, 209
 responsibilism, 209

W

Wagman, Jeffrey, 147, 148

weak supervenience, 86, 88, 90, 91,
 102n13

Wittgenstein, Ludwig, 1, 13, 15, 16,
 18–20, 25, 41, 68, 100,
 110, 143, 154, 171, 230–4,
 237, 239, 242, 243, 246,
 261n5