INDEX

For the benefit of digital users, indexed terms that span two pages (e.g., 52-53) may, on occasion, appear on only one of those pages.

ABOUTNESS 54–6, 82–5 see also reference, representation, mental files	AUDI, Robert 163n.2 AXELROD, Vadim 63n.2
ACT-THEORETIC VIEW OF PROPOSITIONS 118–21 ADVERSERIAL PERTURBATIONS 160–2 achievements of contemporary 13–14 and consciousness 24–5 difference to calculator 42–3 difference to humans 70–2 described as content bearers in academic and popular work 51–2 dynamic goals of 140–8 meaningfulness of outputs 4–5, 36–8	BARD, Nolan 51 BIAS of human metasemanticists 69–70 (see also anthropocentric abstraction, de-anthropocentrized metasemantics) of AI systems 3n.1 BLACK BOX of human mind 12, 71–2 nature of AI systems 71–2 BOSTROM, Nick 3n.1, 17–18 BRANDOM, Robert 134
need of explainability 19, 162–6 training 7, 88–90, 110–11 sketch of working of 5–8 ALFRED (dismissive sceptic) 28, 31, 51, 53, 157 ALVAREZ, Maria 163n.2, 165n.3 ANCHORING For AI 87–8	BRENTANO, Franz 56, 57n.6 BRIER SCORE 92–7 BRINGSJORD, Selmer 57–8 BROWN, Jessica 133 BUCKNER, Cameron 3n.1, 57–8 BURGE, Tyler 57–8, 58n.7, 82–3, 148–52, 155
Kripkean 84 see also baptism, externalism ANTHROPOCENTRIC ABSTRACTION 53-4, 69-72 Of mental files 109-11 Of anchoring 87-8 Of assertion 128-9 Sweet spot 70, 72, 87, 156 see also metasemantics ARMSTRONG, D.M. 55n.4 ARRIVAL (movie) 16n.6 ASSERTION norms of 134 see also propositions, predication	CAPPELEN, Herman 57n.6, 133–5 CAUSAL THEORY OF REFERENCE see externalism, Kripke, communicative chain, causal source COMMUNICATIVE CHAIN 84–5 CAUSAL SOURCE 111 CAUSAL DESCRIPTIVISM 85 CHALMERS 85, 139, 148–50, 152–5 CHINESE ROOM ARGUMENT 24–5 CICERO 108 CLARK, Andy 139, 148–50, 152–5 COHNITZ, Daniel 75n.5 CONSCIOUSNESS 24–5

INDEX

CONTENT

anthropocentric nature of existing theories 67–72
Fregean view of 119
in 'old-school' AI theorizing 21–4
externalist nature of AI 69–72
reasons for attributing to AI 35–40,
48, 51–2
see also names, predicates, predication,
metasemantics, externalism
CRANE, Tim 57n.6

DANCY, Jonathan 163n.2 DAVIDSON, Donald 16–17, 76–7, 126–7 DESCRIPTIVISM 76–8, 85, 105–6 see also reference, names DEVER, Josh 57n.6 DONNELLAN, Keith 57n.6 DOOM 13–14 DRETSKE, Fred 57n.6

EMPIRICISM 3n.1, 57–8
EPISTEMICALLY REWARDING
RELATIONS 108–11
See also mental files
EVANS, Gareth 57n.6, 106, 110–15
EXISTENTIAL RISK 17–18
EXPLAINABILITY OF AI 25–7, 162–6
EXTENDED MIND HYPOTHESIS
58n.7, 139
EXTERNALISM 59
see also metasemantics, content

FACEBOOK 8 FELDMAN, Richard 78n.6 FLAXMAN, Seth 25 FLORIDI, Luciano 3n.1, 57–8 FODOR, Jerry 57n.6, 127

GOLDBERG, Sanford 133 GOODFELLOW, Ian 5n.2 GOODMAN, Bryce 25 GOOGLE 13–14, 33 GOVINDARAJULU, Naveen Sundar 57–8 GRAY, Aidan 106–7, 110

HANKS, Peter 119–21, 132–3 HAWTHORNE, John 57n.6 HENDRICKS, Lisa Anne 26n.7 HUANG, Sandy 52

INFORMATION

AI as only processing 36–40 see also
No-content-just-evidence View
dominant source in mental
files 110–15
INTERNALISM 75n.5
and symbolic AI 65–7
and extended mind 151–2
INTERPRETATION 78n.6
knowledge-maximising
(meta-meta-semantics) 75–9

KAMINSKI, Margot 25 KRIPKE, Saul 78, 82–6, 88, 110–11, 131–2, 152–5 KROON. Frederick 85

LEM, Stanislaw 16–17 LEWIS, David 85 LOCKWOOD, Michael 106 LOOMIS, Eric 37–8 LOOSE TALK 36–8, 53–4

MACHINE LEARNING

see AI
MARCUS, Ruth Barcan 148–9
MELE, Al 163n.2
MENTAL FILE FRAMEWORK 105–8
see also reference, names,
externalism, metasemantics,
aboutness

METASEMANTICS 56–8 pluralism 82n.1 de-anthropocentrized 59 anthropocentric 67–72 see also content

META-META-SEMANTICS 72–5,75n.5, 110, 113 interpreter-knowledge-maximising

MILLER, Tim 26n.7, 57–8 MILLIKAN, Ruth 57n.6, 148–9 MINECRAFT 13–14 MUELLER, Shane 26n.7 MULLIGAN, Kevin 55n.4

INDEX

NAMES 103
see also mental files, aboutness,
externalism, Kripke
NEANDER, Karen 57n.6
NEURAL NETWORK see AI
NO-CONTENT-JUST-EVIDENCE
VIEW 157-8
NOZICK, Robert 32-3
NYHOLM, Sven 3n.1

PAEZ, Andrés 26n.7
PAPINEAU, David 126–7
PERCEPTION 77–8, 108–10
PUTNAM, Hilary 148–52
PREDICATES 81–102
PREDICATION 81–102
see also propositions, assertion,
Kripke, externalism
PROPOSITIONS 117–21
see also: predication, assertion
PYTHON 60

RAHIMI, Ali 33–5 RAWLS, John 32–3 RAZ, Joseph 163n.2 REASONS 163–6, 163n.2, 165n.3 RECANATI, Francois 57n.6, 108–9 REFERENCE 103–16 reference preservation 98–102 reference shifts 111–16

see also aboutness, names, Kripke
REPRESENTATION 54–6

see also aboutness, content,
externalism, names
RESCORLA, Michael 22
RIBEIRO, Marco 26n.7
RUSSELL, Bertrand 57n.6

SALMON, Nathan 85 SCANLON, Tim 163n.2 SCHIEBINGER, Londa 3n.1 SCHUBBACH, Arno 57–8 SEARLE, John 24–5 SELF-DRIVING CARS 3n.1, 13–14, 41, 44–7 SHEA, Nicholas 57–8 SMIDS, Jilles 3n.1 SOAMES, Scott 85, 119–21, 123, 132–3 STRAWSON, P.F 57n.6 SWAMPMAN 126–7

TELEOFUNCTIONALISM 123–5 TURNIP (reference shift example) 111–12 TWO-DIMENSIONAL SEMANTICS 85

WILLIAMS, J. Robert G. 78n.6 WILLIAMSON, Timothy 75–8, 110 WORD2VEC 13–14