Index

Abelson, R. P. 41
Abercrombie, L. 206
absorption 58, 73, 108, 110, 112, 125, 130, 288, 332
interest and disgust 65, 190–2
abstract explanatory metaphors 199
abstract thought 32, 72, 136–7, 332
acetylcholine 279
act-oriented metaphors 200, 202–4
action motivated 107–8, 135
and reaction 57–8
voluntary and involuntary 86–9
action model 13–15, 47, 112, 117, 135, 137, 152, 202
appraised situations and motivated actions 112–14
automaticity 127
formula 116, 146
motivational 83
neural foundations 134, 137–42
tonic activation processes 134–5
action tendency 101–2
activation theory 101
act-psychology 79
actor–observer asymmetry 5–6
adaptation 57, 88–9
adaptationist reductionism 262
adrenalin injections, effects of 90–5, 116
Adrian VI, Pope 67
aesthetic attitude 10, 153, 255, 336
everyday processing 156–8
role of prefrontal cortex 293–5
aesthetic distance 181, 211, 288, 312, 314–15, 336
and personal self 177, 181–2
principle of optimizing 286
psychical distance 181
aesthetic education 177
aesthetic effectance 154
aesthetic engagement, reflective model 187
aesthetic episodes
bottom-up approach 155, 336–7
top-down processing 153–4, 336–8
aesthetic experience 285
depth of 326
aesthetic illusion 177
aesthetic plasticity 286
aesthetic processing 158, 177–80
aesthetic reception 285
empirical narrative 287–8
fundamental principles 286–7
literary 302–4, 306–9
visual 289–302, 304–6
aesthetic relations 12
aesthetic science 171
aesthetic structure 158–69
holistic Gestalt approach 161–3
information theory and the cognitive-motivational approach 159–61
phenomenological and existential approach 167–9
psychodynamic approach 163–7
aesthetics
cognitive and affective hierarchies 183
contribution to Emotional Phase Theory 326–31
eyearly theory 122
role of emotion 11–13
Tao of 295–7, 329
affect/s 34–5, 74–5, 118–22, 129–30, 321
affective absorption 176, 336–7
affective covariation 286, 329
affective equivalence 75
affective judgments 327
affective priming 116–18, 286, 300–1, 315, 329
affective responses 176–7
affective states, modulation 115
affiliation 110
Aktualgesese 10, 125, 163, 170, 286, 298
Alexander, M. P. 145
alexithymia 114–15
allegorical/narrative approach 300–2
Allport, Gordon 23
Alpert, Barbara 257
Amati, D. 276, 278
amygdala 65, 135, 143, 149–50, 278, 325
analog self 63, 283, 338
analogical processes 197–9
analogies 195–7, 199–201, 205, 210
Anderson, C. C. 203
Anderson, V. 148
André, Père 60–1
anger 49–51, 65, 68, 190
anger–fear 64, 109
animals
in cave art 256–63, 265, 269–74, 278, 281–2, 332
emotional experiences of 61
anoetic consciousness 32–3, 43, 136
anxiety 55
appetitive systems 119–20
appraisal process 57, 112–14
appraisal theories 13–14, 36–7, 83, 100–7, 113
Aristotle 105
Armstrong, John 334
Arnheim, Rudolf 161–2, 185–6, 205, 208
Arnold, Magda 100, 118
arousal 57, 117
Berlyne’s theory of induction and reduction 203
distance 203
modulation 115
“Art as Therapy” (exhibition) 334–6, 338
Art Brut 168
art history 212–14
Ash, Mitchell 70
assertion 73, 108, 110, 125, 130, 190, 331–2
self-preservation and 65
asymmetry 207–9
asymmetric similarities 203
dynamic 268
fluctuating 262
attachment 73, 108, 125, 130, 188–90, 331
and loss 64–6, 76, 107–9
attitudes, engaged and detached 5–6
attraction–repulsion 64, 66, 76, 109
attrition theory 46
attuned space 168
Atwood, Margaret 312–13, 317
Bluebeard’s egg (1983) 307
The salt garden (1983) 313
Augustin, D. 154
Augustine 54
autobiographical memories 150–2
automaticity 127, 133, 330–1
autonoetic (reflective) consciousness 32–3, 43, 130, 136, 150, 206
Averill, James 54, 199–200, 325
Avital, Tzion 253, 262, 292, 294
Avital, Yuval 250
Utopias (2013) 217, 247–9
Bachelard, G., The poetics of space (1944/1958) 316
Bachmann, Talis 125–6
Bain, Alexander 88
balance 113
Baldwin, J. M. 122, 179
Barbeau, Marcel 292
Baroqu e 289
Barrett, Lisa 45, 47, 53, 56, 83
Barsalou, L. W. 51
Bartlett, Sir Frederick 160
basal ganglia 135, 143, 275
Baudelaire, Charles 34
Baumgarten, Alexander Gottlieb 179
Baynes, H. G. 23
beauty 167, 178, 254, 261
formal 160
moral and facial 297–8
Bechara, Antoine 151–2
Beebe-Center, J. G. 20, 66
behaviourism 36, 51
Being-I 168–9, 175–6, 181, 211, 251, 265, 286, 327–8, 339
being-in-the-world (Dasein) 80, 107, 112, 114, 128, 131, 338
Belke, B. 154
Bench, S. W. 40
Bergson, Henri 168
Berlyne, Daniel 65, 156, 159–61, 171, 184–5, 203, 299
Bernstein, Gene 340
Beuys, Joseph 214–15
bicameral mind 273–311
Binder, Joseph 167
Binswanger, Ludwig 80, 168, 325
Bliss-Moreau, E. 49
bodily changes 69–70
Boring, E. G. 99, 122
Borson, Roo 235
Botton, Alain de 334
Bouguereau, William-Adolphe, Crown of flowers (1884) 290
Bouissac, Paul 21
Boyd, R. 53
brain structures and networks
and action/reaction model formulas 146–8
for an aesthetic attitude 293–5
and arousal, activation and effort in
attention 134–5
for autobiographical memory 150–2
and cultural values 288, 328–9
evolution of 42–4
hierarchical architecture 36–7, 56, 137–45
interactions and integration of
emotional and cognitive processes 148–50
intrinsic networks 50–1
for judgment of moral and facial
beauty 297–8
nested hierarchies 43–4, 56, 278
see also specific brain structures
Brennan, L. 49
British Associationist (Lockean)
tradition 200
British Enlightenment tradition 53, 293, 321–2
approach to aesthetic process 177–8, 185–6
versus German Romantic thought 25
lived experiences 6
models of emotion 13–14, 107, 177
Broca, Paul 51
Brodmann area 7 (BA7) 294, 329
Brodmann area 8 (BA8) 274
Brodmann area 10 (BA10) 276–7, 280–1, 283, 294, 329
Brodmann area 13 (BA13) 294
Brown, Thomas 85, 123
Bruner, J. S. 116, 312
Brunswick, Egon 17
Bryson, N. 154
Bullot, N. J. 153
Bullough, Edward 181–2
Burgess, P. W. 277
Burton, Robert, The anatomy of melancholy (1621) 62
Burwick, F. 178
Butler, J. 85
Buytendijk, F. 79
Cabanis, George 86
Candland, D. K. 122, 124
Cannon, Walter B. 57, 89–91, 93–6, 101
Cant, Jonathan 295
Cantril, H. 94–5, 115
Carpenter, William 87
Cassirer, Ernst 27–8, 264
Castoriadis, Cornelius 264
categorical phenomenology 111, 168
causality 23
cave art 109, 153, 252–84, 332–3
conventionalist and reductionist
theories of 259–62
creation of 256
critical perspectives 262–4
depiction of animals 256–63, 265, 269–74, 278, 281–2, 332
epigentic influences 278–81, 331
from tool use to artistic production 255, 267–9, 275–6, 280, 282–3
hemispheric integration and 274–8, 283, 329
human images 258–9
image making process 271–4
meaning of 256
medium and application 256
modern theories of 257–9
neurochemical influences 278–81
and self-awareness 269–70
shamanic origins and meanings 259–61, 282
social constructionist approach 263–4
social development and 267, 332
sociobiological perspective 261–2
symbolic meaning of artefacts 266–7
viewing of 255–9, 269, 336
see also Clottes, Jean
Chaminade, T. 276
Chaney, D. 193
Charland, Louis 52
Chauvet Cave 255–7, 260, 270
Cherry, Deborah 192
child development 208
Chinese calligraphy 233–4
Chinese landscape painting 295–7, 329
chlorpromazine 97
cholinergic system 152
Christian moralism 86
Christiana, W. 147
Cicero 54
cinema
experiences 243
situation 166
Cirque du Soleil 191
Claperède, E. 89
Classicism 289
clear space 81
Index

Clore, G. L. 105–6
Clottes, Jean 255–7
Cave art (2008) 252
cognitive bias 157–8
cognitive consistency 113
cognitive elaboration 301, 313
cognitive fluidity 273–4
cognitive hierarchy 17, 183, 253
cognitive judgments 327
cognitive mobility 17
cognitive psychology 17–19, 33
Coleridge, Samuel Taylor 177
collative properties 160
collative variables 160
colour theory 28–9
colour theory (2008) 252
comparison theory 200
compassion 68
complementarity 16–17, 22–3, 323–4
conation 88
concepts
evolution of 19–21
experiential and theoretical 18–19
conceptual-act theory 13–14, 37, 39–40,
57–8, 63, 81, 83, 86, 89, 106, 112,
117, 120, 126, 131, 133, 142–3, 148,
173, 177, 201, 320–3, 332
and aesthetic science 171
Lisa Barrett and 47–51
difference between social kinds
approach 115–16
empiricist approach to
representations 109
versus natural kinds theory 107–8
top-down perspective 36
voxels 52
concordance (Bullough’s principle of)
181
concrete metaphors 199
condensation 78, 330
conflict theories 103
congruity 113
hedonic 287, 315–19
consciousness
analog and digital 63, 283, 337–9
field theory of 7–8
levels of 32–3, 43–4
consonance 197, 209, 299, 326–7
constancy 170
constraint, external and internal 197–8
contempt 68
content oriented metaphors 200–2
continuity of consciousness 32
continuous loop model 124
Cook, Jill, Ice age art: The arrival of the modern mind (2013) 252
Cooley, Charles 269
Corbit, J. D. 121–2
core affect theory 13–14, 39–40, 56–8,
83–4, 86, 106–7, 112, 117, 131,
142–3, 148, 177, 201
and aesthetic science 171
facilitation and inhibition 88
James Russell and 45–7
purposive behaviourism and 95
top-down perspective 36
Cornelius, Randolph 90
Cotton, J. L. 98
Cupchik, Gerald 154, 214
portrait 221–3
curatorial work 212–16
Curtis, Gregory 252, 270
d’Holbach, Paul-Henri Thiry, Baron 62
d’Holbach, Paul-Henri Thiry, Baron 62
Da Vinci, Leonardo 123, 257
Mona Lisa (c. 1503) 90, 289
Damasco, Valerie 328
Damasio, A. R. 122, 151
Danziger, Kurt 17, 19–20, 51, 85–7, 126,
196–7, 287, 321
Darwin, Charles 88, 106
Darwinian tradition 64, 105, 322
Dasein, see being-in-the-world
Daston, L. 30–1
David, Jacques-Louis, Oath of the Horatii brothers (1784) 289
Davidson, I. 265
Davis, Whitney 260, 262
Degas, Edgar 290
Delphech, F. 281
depression 55
DeRivera, J. 71
Derrida, Jacques 208
desires 68
Dewey, John 8–9, 12, 14, 315, 326, 329
Art as experience (1934) 155–6
Diderot, Denis 178–9
digital consciousness 283, 337–9
digital self 63, 338
Dilnot, Clive 214–15
Index

Dilthey, Wilhelm, *Ideas on descriptive and analytical psychology* (1894)
7, 25, 70–1, 82, 141, 149, 177
disgust 65, 191–2, see also interest–disgust
disjunctive relations 12
displacement 78, 330
dissonance 113, 197–8, 299, 326–7
distress 50
Dixon, T. 85–6, 123
dopaminergic system 152
dopaminergic thought 279–80
dorsal network 142–3
dramatic illusion 178, 180
dualist model, see two-factor model of emotion
Duchamp, Marcel 213–14
Duffy, Elizabeth 95–6, 99, 106, 113
dumontheil, I. 277
Dunbar, Robin 266–7, 273–4
Duncan, S. 49
durée 168
Dutch Baroque era 171, 322
Dyer, Charles 292
dynamic asymmetry 127–8, 131, 133

ecological validity 16–19
ehrenweig, A. 165
Eigenwelt (“own world”) 80, 282, 284, 333
*Einfühlung* (“feeling into”/empathy) 7, 26–7, 181
Ekman, Paul 42, 52, 55
El Greco 90
elaboration 164, 182, 302–4, see also cognitive elaboration; emotional elaboration
Ellenberger, Henri 24–5
d’elongement 181
demergency theory 89, 100
emotion schemas 44–5
emotion theories 13–15
family resemblances 106
see also appraisalal theory;
conceptual–act theory; core affect theory; Emotional Phase Theory; natural kinds theory; two-factor theory of emotion
emotions(s)
blends of 109–11
bodily maps of 124
bottom-up perspective 35–6
causal-indicator model 48
cultural differences 47, 49–50, 53–5
definition 123–4
dimensional 39–40
elicited by artworks 309–12
e-motions 113
Emotional Phase Theory 130–1
evolution of 331
experience and expression of “real” 42–5
fresh 314–15
future of 331–4
hierarchical position 118, 123–5,
129–30
hormonal effects 12
introduction of the term 84–6
negative views of 89
onset 286
staircase metaphor 34–5
top-down perspective 36
typological 39–40
emotional elaboration 185, 187–8, 286–8,
301, 304–5, 313, 315, 329
emotional experience 60–1, 185, 321–3,
326, 329–30
animals 61
cultural effect 61–2
emergent process 145
and facial expression 39–41, 48, 55
future of 331
historical 62–3
holistic approach 69–71, 124, 324–5
interpreted situations and 109–12
as liberated instincts 110
organismic approach 69, 72–3, 82, 124
peripheral approach 69–70, 81–2
phenomenological approach 79–82
psychodynamic approach 69, 73–9,
82
syncretic 129
typological versus dimensional perspectives 39
emotional expression 10, 89
in artworks 198
cultural functions 55
facilitation/inhibition 88
interpretation of 114
nonverbal 37
regulation of 332
emotional memories 314–15
Emotional Phase Theory 107, 119, 125–31, 140, 145, 278, 316, 320, 323, 326–31
emotionalized imagination 155
empathy 26–7, 128
emergence of 274
encephalization 137, 274–5, 283
endorphin system 152
energy 87
Enlightenment 83, 101, 103, 112, see also British Enlightenment
epinephrine 97
effects of injections 113
episodic memory 33, 57, 136, 148, 150–1, 329
eponomy 99–100
Eriebins 7
Erikson, Erik 34, 65, 77
ethology 14
excitation 286
excitation-transfer behavioural model 187
existential phenomenology 79–81, 168–9
existential psychology 167–9
Expressionism 12, 171–2, 197
extended mind theory 109
extrovert personality 128
Facebook theory of self 55
facial beauty 297–8
facial communication, expressive/ nonverbal leakage 165–6
facial expression 6, 12, 39–41, 48, 55, 103, 107, 110, 117
external/internal constraint 198
as signs 86
facial feedback hypothesis 70
faculty psychology 48, 51
“fallacy of misplaced concreteness” (Whitehead) 55
familiarity, illusions of 117–18
Fantazzi, Charles 66
Faust/Faust 27
fear 51, 55, 65, 67, 190, 278, 281
fear–anger 76, 110, 121–2, 125, 130, 188
Fechner, Gustav T. 160–1, 171
principle of the aesthetic middle 185
feedback
facial 70
peripheral, see peripheralism
feedback loops 69–70, 119, 128, 133, 147
feed-forward loops 111, 119, 128, 131, 133, 147, 195, 329–30
feelings, 130–1, 183–4, 286
affective covariation 186–7, 329
early global processing 298–300
elicited by artworks 309–12
and emotion 11
hedonic psychophysics 184–6
hierarchical position 34–5, 118, 122–3, 129–30
noun form 118, 122, 126, 131
raw 45
verb form 118, 122–3, 131
feelings-as-information model 117
Fernández, J. A. 53
Festinger, L. 96
field theory metaphor 7
fight or flight 64–6, 76, 109, 135, 332
figurative scenes, interpretation 304–6
Flexas, A. 261
Flores, S. A. 40
fluency 117, 153, 184, 300, 326, 336
fluent appraisal 286
fMRI (functional magnetic resonance imaging) 170, 294–5
folk psychology 51
forebrain 134–5
fractality 292–3
Frank, L. K. 163–4
French Neoclassical tradition (aesthetic processes) 170–4, 178–9, 322
French Romanticism 63
Freud, Sigmund 24, 32, 74–5, 138
primary processing account 139, 263
Fried, Michael 179
Frijda, Nico 101–2, 202
Fromm, Erich 168
frontal lobes 146–7
frontal pole 277
Fry, Edward 212
fundamental-emotion theories 103
Fuster, Joaquin 144–5
Gainsborough, Thomas 218
Galileo 62
Galison, P. 30–1
Index

Horney, K. 115
Howard, D. T. 89
Howard, Jason 270–1
Howard, Sir Albert 320, 323
Hsieh Ho 155
Hubel, David 289
humanism 66
Hume, David 23, 86, 123, 185
Hunt, W. A. 93–5, 115
Husserl, Edmund 7, 79
Hutcheson, Francis 85, 178
hypothalamus 135
ideomotor action 88
illusion 117–18, 177–8, 180
future of an 334–9
image making process 271–4
knowledge and imagination 271–2
immersive reality 242–6
projects 243
technologies 243
Impressionism 173, 197, 200, 289, 327, 330
industrial design 205
inferior temporal gyrus 297
instinct 119–20
interest 65, 190–1
interest–disguise 64–5, 76, 109–10, 121–2,
125, 130, 188
introvert personality 128
Iser, Wolfgang 162
Izard, Carroll 39, 44–5, 55
Jahoda, G. 26, 86, 161
James, William
“bear” 133
critiques of emotion theory 90, 93, 96,
105
stream of consciousness 8, 129, 146,
168
teaching of emotion 14, 40, 69–70, 73,
88, 95, 102, 111, 183
teaching of self 34, 147, 269
James-Lange hypothesis, see James,
William; theory of emotion
Janet, Pierre 24
Jaynes, Julian 273
Johns, Jasper 219
Johnson, M. 120
Johnson, Samuel 84, 123–5
Johnson-Laird, P. N. 104–5
Jones, Joseph 75
Jost, J. 58
joy 51
Joyce, James 303, 307–8, 314–15, 317–18,
337
Araby (1914) 303, 314
Counterparts (1914) 307–8
The dead (1914) 307–8, 314
A painful case (1914) 303, 307
Julesz, B. 293
Jung, Carl G. 24, 122, 166
Kafka, Franz 191
Kahneman, D. 138, 146
Thinking fast and slow (2011) 37
Kandel, Eric 152, 325
The age of insight (2012) 171–2
Kant, Immanuel 23–4, 122, 126
Kaplan, B. 163
Keenan, J. P. 147
Keller, Gary 90
Kelman, N. 115
Kennedy, John 208
Klee, Paul 165
Klein, D. B. 48
Klein, Richard 275
Klimt, Gustav 171–3
Knight, Richard Payne 178–9
Kogan, N. 208
Köhler, Wolfgang 7, 125
Kokoschka, Oskar 171–3
Kövecses, Zoltán 201–2
Kretzler, Hans and Shulamith 162, 164
Kris, Ernst 76, 164, 171–2, 205, 325
Krueger, Felix 71, 298
Kruglanski, A. 58
Kubler, George, 220
The shape of time: remarks on the history
of things (1962) 214–15
Kussy, Bob 217, 229–31, 250
Lakoff, G. 120, 201
Landis, C. 93–4
Lange, Carl 92
language 53, 56, 86, 332
Lascaux Cave 270
Laszlo, Janos 312
Latané, Bibb 98, 100
law of polarities 25
Law of Prägnanz 125
Laycock, T. 87
layering/layered images 310
Lazarus, Richard 101, 113
Leder, H. 154
LeDoux, J. 278
Leeper, Robert 95
Lei Mo 295
Leibniz, Gottfried 7, 23–4, 32
Leibnizian tradition 200
Lench, H. C. 40
Lessing, Gotthold 179
Leventhal, Howard 39, 48, 124–5, 340
Levine, B. 150
Levin, Kurt 17, 71, 99
Lewis-Williams, J. D. 255, 259–60, 263, 265, 269, 271, 274
life themes, complementary pairs 63–6
limbic system 43, 177, 261, 267, 275, 278, 281, 283, 324
accounts of its involvement in emotional experience 37, 138–43, 147–8, 316
and the appraisal process 101
dorsal and ventral networks 142–4
and prefrontal cortex 297, 315
and syncretic thinking 37
Lindquist, K. A. 49
Lingyuan Zhang 295
Lipps, T. 26, 181
literary painting 233–4
literature
generating and receiving interpretations 302–4
relational analysis of metaphors 208
scented experiences 317–18
scented memories 318–19
staircase metaphor 38
lived experience 1–11, 128–9
aesthetics of 9–11
American perspective 8–9
British perspective 6
dissociation from accounts of emotional processes 51–2
German perspective 7–8, 26
positive/negative 5–6
reaction/action 6, 13–15
Locke, John 6, 23–4, 34, 85
Loyola Symposium on Feelings and Emotions (1968) 100, 102, 118, 122
Lutz, C. 53
Luu, Phan 142–3
MacLeod, Alistair 312–13, 317
The lost salt gift of blood (1976) 313
Madsen, K. B. 57, 119
Malafouris, Lambros 109, 253–5, 324–5
Malcolm, S. 147
Maltman, Kim 235
Mandler, George 103–5
Manet, Edouard 290
Marañón, Gregorio 90–5, 99, 106, 113, 115–16
Marey, Etienne Jules 237
Martindale, C. 166, 203
Maslach, C. 98
Mastroianni, Marcello 192
Maudsley, Henry 87
Mauerhofer, Hugo 166
Maxwell, J. C. 125
May, Rollo 79–81, 167–8, 324
Existence: a new dimension in psychology and psychiatry (May, Angel, and Ellenberger, 1958) 167
My quest for beauty (1984) 167
MAYA principle (Most Advanced, Yet Acceptable) 205, 207
McDougall, William 88–9, 119
McGuinness, D. 134–5, 149, 152, 174, 280
McLuhan, Marshall 244
Mead, George Herbert 269
mechanical objectivity 30–1
medial superior frontal gyrus 297
melancholy 62, 67
memory
autobiographical 150–2
consolidation 138–9, 148, 150–2, 316
effect of emotion 74
emotional 314–15
formation and storage 138–9
odours and 316, 318–19
retroactive enhancement 337
systems 33
Mephistopheles 27
metaphors 195–7, 225
asymmetry of 328
comprehension 204
contact versus act oriented 200–4
of emotion 54
field theory metaphor 7
metaphors (cont.)
generative 126
Lakoff’s theory 201
metaphorical processes 199–200
relational thinking in the generation and reception of 205–8
relationship between subject matter and style 208–10
staircase metaphor 31–8
Metcalf, R. C. 20, 66
Method Acting 177
Metzger, W. 185
microgenesis, representational versus phenomenal 126
middle-cingulate 297
middle occipital lobe 297
Mills, John Stuart 25, 52–3
mimesis 6, 9, 38, 322, 326
Enlightened 178
mind–body 17, 24, 119–20, 129, 174, 196, 330
and the aesthetics of emotion 11–13
interaction between subject, artistic matter and style 198–9
somatization 78
Minissale, Gregory 191–2
Minkowski, Hermann 81
Mithen, S. 273–4
Mitwelt 80, 282, 284, 333
Mize, J. 49
modern art 154
and existentialism 167
Monet, Claude 173, 289–90
Japanese footbridge (1899) 289
Water lilies (1914–26) 289
Montaigne, Michel de 193
mood congruency 46
Mooseheart Symposium (1948) 100
moral beauty 297–8
More, James 44
More, Thomas 248
Morgan, Lloyd 119
Moscovitch, M. 150, 152
motivational action model 83
motivational psychology 57
motive memories 138
motor–sensory processing 254, 271, 328, 332
multidimensional scaling paradigm 289
multimedia composition 247–9
Multiple Trace Theory 150
Munar, E. 261
Munch, Edvard 154
Muñoz, J. P. 53
Mureika, Jonas 292–3
Nadal, M. 261
Nativist approach 40, 42–5, 55–6
natural kinds theory 13–14, 26, 35, 37, 39–40, 60–1, 63, 120, 126, 131, 133, 177, 320–3, 332
versus conceptual-act (dimensional) theories 107–8
philosophical view of 52–3
versus psychological constructions approach 47
Naturphilosophie (philosophy of nature) 25
Naturwissenschaften (science-oriented laws) 25, 141
negative affect state 288
neighbourhood painting/portraiture 226–8
Neisser, Ulrich 163, 299
neocortex 37, 146, 151, 267, 276
neural staircase metaphor 36–7
neuroaesthetics 170–4
rule-guided/image-guided modes of creative activity 173–4
neuroarchaeology 325
neurohormones 152
neuromodulators 43
neuroplasticity 43, 254, 276–7
culturally mediated 255, 264–5, 329
genetic factors 278–9
socially mediated 275
neurotransmitters 43–4, 134–5, 152, 325, 331
in hemispheric integration 278–81
New Critics/Criticism 176, 181, 308
Newton, Sir Isaac 28–9
Noble, W. 265
noetic consciousness 32–3, 43, 136, 206
Noiret, Phillippe 192
noradrenergic system/activity 152, 279–81
Noreña, Carlos 66–8
nostalgia 62
Nummenmeea, L. 124
Index


Oatley, Keith 104–5, 325

obedience 17

doours 316

Oeberst, A. 154

Oginz, Rick 223–4

old brain 42–4, 287

new brain distinction 37, 138, 204, 275–6, 331–3

ontological trap 21–2, 31, 71

opponent-process mechanisms 133, 188

opponent-process theory 76, 110, 121–2, 128, 130

orbitofrontal cortex 297

organic self 35, 177, 255

organismic psychology 32, 69, 72–3, 82, 111, 124, 135–7, 286

oriented versus attuned space 80–1

orthogenetic principle 72, 139

Ortony, A. 105–6, 203

Osgood, C. E. 207

Outsider Art 168

oxytocin-vasopressin system 152

painting(s)

deep structure 288

hard- versus soft-edge (“linear” versus “painterly”) 288–91, 329

Neoclassical approach 179

scented experiences 317

Paivio, A. and Walsh, M. 203

Panksepp, Jaak 42–4, 47, 49, 55–6

parietal art see cave art

Passingham, R. E. 277

passions 84–6, 113, 321–2

Patton, Andy 215, 217, 233–4, 250

*Introduction to the Introduction of Wang Wei* (*Pain not bread*, Patton, Borson and Maltman) 235

*Splendours of the imperial capital* (2008) 233–4

Paulhan, F. 103, 119

perception/action cycle 144–5

perceptual-motor theory 124–5

peripherality 14, 36, 69–70, 81–2, 111

personal meanings 75

personal self 34–5, 55, 79, 174, 177, 181–2, 255, 258, 321

personhood 85

Pessoa, Luiz 148–50

phenomenological physics 125

phenomenology 23, 36, 69, 79–82, 330

and aesthetic structure 167–9

emotional experience 111–12, 325, 330

physiognomy 72, 128

Piaget, Jean 20, 73, 271, 273, 324

Picasso, Pablo 269

Piccoli, Michel 192

Picton, T. W. 146

Piéron, H. 89

plasticity 47, 60

aesthetic 286

do dimensions of experience 80–2, 127, 168, 330

of reader response style 309, 312–13

of viewpoint 5–6, 13, 16

see also neuroplasticity

pleasure 57, 68, 184–6, 286

modulation 115

Pleasure Principle 74, 78

poetry

language in 206

textual analysis 176

Polanyi, Michael 72

Pollock, Jackson 154, 288, 291–4

*Lavender mist* (1950) 291–3

*Reflections of the Big Dipper* (1947) 292

Popular Art 327

Popular Culture 193–4

portraiture 218–24

Poseidon, see Scherman, Tony

positivist science 29–30

post-traumatic stress disorder 36, 108, 128, 190

posterior cortex 135

Poulet, George 62–3, 66, 85

precuneus 297

prefrontal cortex 146–9

and the appraisal process 152

autobiographical memory 150

aesthetic attitude and interpretation of soft edges 293–5

and goal-directed action 144, 276–7

hierarchical structure 275–8, 338

hemispheric integration 255, 275, 280–1, 283, 329, 332–3

and limbic system 297, 315

orbitofrontal region 151–2

see also Brodmanns area 10
Index

preoperational thinking 20
Previc, Fred 279–80
Pribram, Karl 47, 102–3, 122, 134–5, 149, 152, 174, 280
procedural memory 33
prospective memory 276
prototypical emotional episodes 45–6
Proust, Marcel 73
Swann’s Way (1913) 316
Pryor, A. J. E. 281
psychodynamic approach 7, 14, 325, 330
aesthetic structure 162–7
affects 34, 119–20
emotional experiences 69, 73–9, 82, 111
emotions 36
metaphors of emotion 199
projection 181
psychological constructionism 51, 83
psychosomatic medicine 116
purposive behaviourism 95–6, 102–3
Quebec Automatistes 292
Raiders of the Lost Ark (1981) 192
Ramachandran, V. S. 170
Rapaport, David 74, 325
reaction model 13–15, 109–12, 117–18, 138, 140
automaticity 127
formula 147
neural foundations 134, 137–42
phasic arousal processes 134
reactions 288
and actions 57–8
emotions as 64–6, 81
experiential 135
expressive 107–8
reactive model, media entertainment 186
Reader Response theory 176, 181, 188, 308
reading
comparison of fresh emotions and emotional memories 314–15
generating and receiving interpretations 302–4
pace and depth of the process of 312–14
reading styles
close and far 306–9
plasticity of 312–13
“real kinds” 52–3
realism, numeral versus nominal 20
Reber, R. 153
rectus gyrus 297
reflex action 86–9
Reisenzein, R. 98
Rembrandt van Rijn 167
representation 10–11, 83, 130, 258, 263, 280
analogue 140–1
constructivist model 108–9
contrasting approaches 108–9
emergence 10, 163, 286
empiricist model 108
mental 306, 309
neural 150
two-dimensional 260
untransformed 79
value 149
representational art 11–12, 252
repulsion 65
reticular activating system 37, 134, 146
reticular formation 37, 146–7
retroactive memory enhancement 337
Remyart, Martin 118
Reynolds, Joshua 218
rhetorical/conceptual approach 300–2
Richards, R. J. 24, 27
Riegl, Alois 171–2
Riopelle, Jean-Paul 292
rock art, see cave art
Rockheim Museum 1960s 244–5
2000s 245–6
Rodale, J. I. 320
Romanticism see German Romanticism; French Romanticism
Rochester, E. 33
Rosch, E. 83
Rosenblatt, L. J. 102
Rosenbaum, R. S. 147
Rosengren, Mats 264
Rothenberg, Albert 165, 207, 310
Rubinstein, Rochelle 310–11
Howdy doody nursing (1991) 311
Leaving (1991) 311
Ruckmick, C. A. 58–9, 83
Psychology of feeling and emotion (1936) 27

Russell, J. A. 83

Russell, James 45–7, 51, 56

Russian Formalist theories 158, 168

Ryle, Gilbert 45

sadness 36, 48, 64–5, 68, 189–90

Sander, Friedrich 125

Schachter, Stanley 90, 93, 96–100, 103, 105–6, 113

Scheff, T. J. 18

Schelling, Friedrich 7, 25, 270

Scherer, Klaus 102

Schiller, Friedrich 7, 63, 167, 171–2, 177, 179

Schröder, Friedrich 211, 216, 251, 340

Schick, K. 276

Schiele, Egon 171–3

Schiller, Friedrich 7, 63, 167, 171–2, 177, 179

Schjedahl, Peter 216

Schlegel, August 180

Schlegel, Johann Elias 180

Schön, D. A. 207–8

Schwarz, N. 116–18

scientific self 30–1

sculptural installations 236–41

sculpture, whalebone/Inuit 229–31

Searle, J. R. 200

self

analog 63, 283, 338

cultural 174

digital 63, 338

emerging/extended 254

Facebook theory of 55

James’s theory of 34, 147, 269

looking glass 269

organic 35, 177, 255

personal 34–5, 55, 79, 174, 177, 181–2, 255, 258, 321

scientific 30–1

social 34–5, 177–80, 255, 269

social-cultural 177

staircase metaphor 33–4

self-awareness 269–70

self-knowing, see autonoeic consciousness

self-preservation and assertion 65

semantic memory 33

sensory experience 81

sensory-motor loops 271

sensory-motor processing 254, 328, 332

sensory-motor schemas 271

sensual perception, and evolving self 179–80

Sermet, V. 41

serotonergic activity 152, 279–81, 325

Shaftesbury, Anthony, Earl of 178–9

Shakespeare, William 180

Shalleen, T. 276, 278

Shereck, Lanny 216, 223–4, 250, 257, 300, 304–6, 308, 311

Fallen angel (1991) 301

Sherrington, C. 135

Shimamura, A. P. 171

Shkolovsky, V. 158, 162, 282, 300

Sifneos, P. E. 115

signs, as universal language 86

Simmons, Marc 340

Simmons, W. K. 51

Simon, Herbert 104–5

Singer, J. 96–100, 105, 113

Sire, Osvald, *The Chinese on the art of painting* (1936) 295

Smith, Adam 86

social brain 58, 172

Social Brain Hypothesis 266–7, 274, 282–3

social constructionism 53–6, 263–4

social-cultural self 177

social development (Upper Palaeolithic) 267, 332

social kinds 26, 53, 109, 115–16, 321

social psychology 17–19

social reductionism 55

social self 34–5, 255, 269

natural cultural traditions and 177–80

soft-edge images, prefrontal cortex and 293–5

Solomon, R. C. 202

Solomon, R. L. 121–2

somatic marker hypothesis 151

Soutine, Chaim, *Paysage à Céret* (c. 1920) 291

Spencer, Herbert 88

Spezzano, Charles 75

Spiegel, Stacey 215, 217, 242–6, 250, 300, 302

*Dream generator* 246

Reactor core (1991) 302

© in this web service Cambridge University Press

www.cambridge.org
Index

spirit resonance 9, 326
staircase metaphor 31–8
bottom-up perspective 35–6
neural staircase 36–7
staircase of the arts 37–8
staircase of the emotions 34–5
staircase of the mind 32–3
staircase of the self 33–4
top-down perspective 36

Stein, Ruth 74–5
Stoics 54
Storr, Robert 213, 215
Stout, D. 276
Straus, Irwin 81, 325
stream of consciousness 8, 129, 146, 168
Stroop, J. R. 127
Stumpf, Carl 71
Stuss, Donald 37, 145–8, 325
Su Shi, *Rain on the Festival of Cold Food* 233

Sulzer, Johann 122
Sung Ti 257
Suproxin 97
Surrealist paintings 209
Swagger Portraits 218
Swartz, T. 102
symbolic denotation versus metaphorical connotation 286
symbolic interactionism 269

symmetry
versus asymmetry 262
in rock art 257, 265, 268
sympathy 86
versus empathy 26–7

syncretic reasoning/thought 73, 135–7
System One mode of thought 138
System Two mode of thought 146

tacit knowing 72
Taillasson, Jean-Joseph, *Rhadamistes and Zenobia* 290
Taoism 22, 295–7, 329
Taylor, Richard 292
Tetens, Johannes Nikolaus 122
theatre

Enlightenment approach 178, 322
French Neoclassical approach 186
Romantic approach 180
staircase metaphor 38
theatrical eponomy 99

Theory of Mind 152, 172–3, 322

Thinking-eye 168–9, 175–6, 181, 184, 211, 251, 286, 327–8, 336, 339
Thomas, W. J. 58
Thomson, E. 83
3-D space perception 279
three-factor model 106
threshold of awareness 12, 112, 115–18, 131, 133, 154, 195, 210, 316, 322, 328, 330–1, 337–9
Tiefenbach, Harry 198, 216, 220–3, 250
Tingting Wang 295
Titian 154
Tognazzi, Ugo 192
Tomkins, Sylvan 98, 120–1
Toth, N. 276
trained judgment 30–1
traits 114–15, 128, 264
tranquillity 50
truth-to-nature 30–1
Tucker, Don 136

frontal pole 277
limbic system 37, 137–42, 316

(and Luu), *Cognition and neural development* (2012) 142–3

(and Luu) dorsal and ventral limbic circuitry 144, 148, 271, 280, 325

*Mind from body* (2007) 137–42
neural architecture 143, 278

(and Williamson) neurochemical processing 279–80

Tulving, Endel 33, 43, 136
Turner, J. M. W., *The slave ship* (1840) 290
Tversky, A. 203, 207, 209
two-factor theory of emotion 14, 114, 116
Gregorio Marañón 90–5
Stanley Schachter 90, 93, 96, 99–100

Type-A personality 114

Ullmann, Stephen 204

*Unwelt* (physical and organic world) 80, 258, 274, 281–2, 284, 332
unconscious inference 117
universal emotions 52

Upper Palaeolithic period, see cave art

Uses and Gratification model 186

vagus nerve 151
valence 117
Varela, F. J. 83
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vartanian, Oshin</td>
<td>195, 295</td>
</tr>
<tr>
<td>ventral medial (orbitofrontal) region</td>
<td>147</td>
</tr>
<tr>
<td>ventral network</td>
<td>142–3</td>
</tr>
<tr>
<td>Vermeer, Jan, <em>Young woman with a water jug</em> (1665)</td>
<td>204</td>
</tr>
<tr>
<td>Vischer, Robert</td>
<td>26</td>
</tr>
<tr>
<td>visual images, metaphor in</td>
<td>209</td>
</tr>
<tr>
<td>Vives, Juan Luis,</td>
<td>66–8, 123</td>
</tr>
<tr>
<td><em>The passions of the soul</em> (1538)</td>
<td>66–8</td>
</tr>
<tr>
<td>Volkelt, Johannes</td>
<td>181</td>
</tr>
<tr>
<td>Vorstellungsgenese</td>
<td>10, 163, 286</td>
</tr>
<tr>
<td>Vrba, E. S.</td>
<td>264</td>
</tr>
<tr>
<td>Wachtel, Edward</td>
<td>263</td>
</tr>
<tr>
<td>Wang Yuanqi, <em>Landscape after Huang GongWang</em> (1695)</td>
<td>296</td>
</tr>
<tr>
<td>Weisman, Avery</td>
<td>75–6</td>
</tr>
<tr>
<td>Werner, Heinz (organismic theory)</td>
<td>32, 72–3, 82, 111, 135–7, 269, 324</td>
</tr>
<tr>
<td>Aktualgenese (microgenetic approach)</td>
<td>125, 163</td>
</tr>
<tr>
<td>Comparative psychology of mental development (1948)</td>
<td>136</td>
</tr>
<tr>
<td>individuation of the self</td>
<td>181, 189, 265</td>
</tr>
<tr>
<td>language</td>
<td>204, 274</td>
</tr>
<tr>
<td>orthogenetic principle of general development</td>
<td>72, 139</td>
</tr>
<tr>
<td>syncretic and abstract thought</td>
<td>32, 37, 76, 135–7, 144, 177, 273, 316</td>
</tr>
<tr>
<td>Wertheimer, Max</td>
<td>125</td>
</tr>
<tr>
<td>Wheeler, Ladd</td>
<td>97, 100</td>
</tr>
<tr>
<td>Whewell, William</td>
<td>52</td>
</tr>
<tr>
<td>White, Randall</td>
<td>263</td>
</tr>
<tr>
<td>Whitehead, Alfred North</td>
<td>55</td>
</tr>
<tr>
<td>Whytt, Robert</td>
<td>87</td>
</tr>
<tr>
<td>Wiesel, Torsten</td>
<td>289</td>
</tr>
<tr>
<td>Wiest, C.</td>
<td>102</td>
</tr>
<tr>
<td>Wilde, Oscar</td>
<td>318</td>
</tr>
<tr>
<td>Wilkinson, Elizabeth</td>
<td>181</td>
</tr>
<tr>
<td>Williamson, P. A.</td>
<td>152, 174, 279–80</td>
</tr>
<tr>
<td>Wilson-Mendenhall, C. D.</td>
<td>51</td>
</tr>
<tr>
<td>Winnicott, Donald</td>
<td>189, 220</td>
</tr>
<tr>
<td>transitional objects</td>
<td>189</td>
</tr>
<tr>
<td>Winocur, G.</td>
<td>150, 152</td>
</tr>
<tr>
<td>Wise, S. P.</td>
<td>277</td>
</tr>
<tr>
<td>Witasek, Stephan</td>
<td>181</td>
</tr>
<tr>
<td>Wittenberg Symposium on Feelings and Emotion (1926)</td>
<td>89, 100, 118</td>
</tr>
<tr>
<td>Wittgenstein, L.</td>
<td>53</td>
</tr>
<tr>
<td>Wolff, Christian</td>
<td>48</td>
</tr>
<tr>
<td>Wolfflin, Heinrich</td>
<td>289, 293</td>
</tr>
<tr>
<td>Wollheim, Richard</td>
<td>219</td>
</tr>
<tr>
<td>Woodworth, R. S.</td>
<td>89</td>
</tr>
<tr>
<td>Wundt, Wilhelm</td>
<td>122</td>
</tr>
<tr>
<td>Wynn, T.</td>
<td>268</td>
</tr>
<tr>
<td>Young, Paul Thomas</td>
<td>57</td>
</tr>
<tr>
<td>Zaidel, D. W.</td>
<td>261</td>
</tr>
<tr>
<td>Zajonc, Robert</td>
<td>45, 116–18, 183, 299, 340</td>
</tr>
<tr>
<td>Zanjani, Anoosha</td>
<td>259</td>
</tr>
<tr>
<td>Zeitgeist</td>
<td>62</td>
</tr>
<tr>
<td>Zeki, Samir</td>
<td>170</td>
</tr>
<tr>
<td>Zilhão, J.</td>
<td>275</td>
</tr>
<tr>
<td>Zillmann, Dolf</td>
<td>46, 115, 187</td>
</tr>
<tr>
<td>Znaniecki, H.</td>
<td>58</td>
</tr>
</tbody>
</table>