

Index

- Adolph, K., 60, 230, 231–232
- Anisfeld, M., 210
- awareness
 - experiential versus conceptual, 3–4, 8
- Bahrick, L., 20, 21, 22–23
- Ball, W., 13
- Barr, R., 212
- Bertenthal, B., 127–128, 147, 151, 152, 233, 234, 240, 242
- biomechanical motion, 122–123
- Blanke, O., 53
- Block, N., 3
- body-as-obstacle awareness
 - assessment of, 44
 - development of, 45–46
- body configuration knowledge
 - assessment of, 48
- body detection
 - definition of, 81
- body image, 39, 52, 71
 - definition of, 11, 38, 71
- body inversion effect, 84
- body part knowledge
 - development of, 49
 - learning, 50–51
- body part localisation
 - assessment of, 47
- body schema, 42, 71, 233
 - and perception of human motion, 234
 - at birth, 4, 10, 11, 13
 - definition of, 38, 70, 153
 - in infancy, 41
- body self-awareness
 - definition of, 38
- development of, 51–52
- body-size awareness
 - assessment of, 44
 - development of, 44–45
- Bonatti, L., 165
- Brownell, C., 63–64
- Carroll, J., 14
- Clearfield, M., 240
- common coding approach, 20, 229, 268
- configural processing, 83, 137
 - in people with autism, 137
 - of bodies, 84, 97
- contingency detection, 20, 21, 22, 24, 41, 272
 - age-related changes in infancy, 23, 272
- Csibra, G., 198
- DeLoache, J., 49
- directed attention model (DAM), 156–158
 - and body schema, 158
- dorsal stream, 65, 66, 71, 131, 176
- Downing, P., 84–85
- efferent signals
 - and self-recognition, 74
- efficiency principle. *See* goal attribution: efficiency principle
- embodied cognition, 69
- emulation, 209, 211, 212
- event-related oscillations, 149
- event-related potential
 - definition of, 148
 - in research with infants, 148–149
- extrastriate body area, 39, 85, 96, 177

284 Index

- face perception
 - in infancy, 85, 270
- Fox, R., 125–126, 127
- Freud, S., 5, 12
- fusiform body area, 39, 85
- Gallagher, S., 71
- Gergely, G., 199, 201
- Gibson, E. J., 14
- Gibson, J. J., 13, 60
- Gliga, T., 94
- goal attribution
 - as a function of action experience, 249
 - by infants, 173, 200
 - development of, 199, 249
 - effects of action experience, 261–262
 - efficiency principle, 199–200
- Goodnow, J., 106
- Grossmann, T., 152
- hands
 - attribution of goals to, 166, 178, 197, 273
 - individuation of, 169, 171
 - infants' perception of, 174
 - perception of own hands, 10, 12
 - perceptual illusion, 19, 27, 30, 40, 41
- Hirai, M., 150, 189
- Hiraki, K., 25
- human figure drawing
 - and children's body knowledge, 105, 106, 117
 - as a clinical assessment tool, 116
 - as a measure of intelligence, 115
 - by blind children, 115–116
 - conventional figure, 105–106
 - cultural variations in, 110–112
 - intellectual realism, 108
 - tadpole figure, 104–105
 - visual realism, 108
- ideomotor apraxia, 47
- imitation
 - as a dynamic developmental system, 209, 223
 - definition of, 207
 - in newborns, 10, 208, 209–211
 - in toddlers, 48
 - of infants by adults, 51, 211, 216, 221
- individuation of objects
 - and body schema, 165
 - infantile amnesia, 3, 5
 - arguments against, 7
 - inversion effect, 83, 194, 195
- Jacobs, A., 242
- James, W., 6
- Jeannerod, M., 73–74
- Kanwisher, N., 268
- Karmiloff-Smith, A., 14, 15, 106
- Kourtzi, Z., 268
- Lewis, M., 53
- Lewkowicz, D., 27–28
- Mandler, J., 9
- Maravita, A., 269
- Marshall, P., 154–155
- McDaniel, C., 125–126
- Meltzoff, A., 209, 210, 212
- mirror neuron system, 154, 209, 221, 229, 248
- Miyazaki, M., 32
- Morgan, R., 23–24
- motor development, 230–233
 - and body perception, 95, 96
 - and infants' perception of human motion, 156, 236–238
 - of manual actions, 273
- motor resonance system. *See* mirror neuron system
- N170 component, 85, 157, 160, 194
- N190 component, 85
- N290 component, 152, 157, 194
- Neisser, U., 13
- Oakes, L., 198
- Paillard, J., 71
- Papousek, H., 21
- Papousek, M., 21
- Peelen, M., 39
- Perone, S., 198
- person perception, 95
 - components of, 123
- Piaget, J., 5, 44, 102, 207–208, 219, 221
- Pinto, J., 242, 271–272
- point-light displays (PLDs), 124
 - infants' perception of, 92, 125–128, 129, 131, 233, 235
 - parietal activation, 150, 152, 153, 155
 - perception by people with autism, 134–138
- pre-natal learning, 10, 11
- Prinz, W., 229
- robot
 - infants' responses to, 185–186
- Rochat, P., 23–24, 25
- scale error
 - definition of, 61
 - developmental progression of, 66
 - examples, 64

Cambridge University Press
978-0-521-76382-0 — Early Development of Body Representations
Edited by Virginia Slaughter , Celia A. Brownell
Index
[More Information](#)

Index	285
explanation for, 65–66	
self face-recognition	
in adults, 75–76	
SELF system, 33	
self-awareness, 48	
levels of, 3	
self-recognition	
developmental changes in, 31–32	
in mirrors, 31, 53	
in video, 31–32	
Shiffrar, M., 242	
Shipley, T., 154–155	
Simion, F., 95, 127, 147	
Slaughter, V., 195	
Sommerville, J., 199	
Spelke, E., 21, 164	
superior temporal sulcus, 92, 139, 156, 157, 158, 177	
temporoparietal junction, 53	
maturation of, 53	
Tronick, E., 13	
ventral stream, 65, 66, 71, 131, 166, 176	
Vygotsky, L., 15	
Watson, J. S., 20, 21–23	
Woodward, A., 165–166, 197, 248	
Wundt, W., 6	
Xu, F., 164–165	