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integration?; How might the temporal discrimination threshold vary?; Visual-proprioceptive integration and the development of the objective self; Conclusion; References; 3 Emergence and early development of the body image; Neural representation of the body and body parts; Precursors in infancy: the body schema; Emergence of the body image: early developments in body self-awareness
Body structureBody topography; Body parts; Summary: early own-body knowledge; Future directions; References; 4 Gulliver, Goliath and Goldilocks: young children and scale errors; Documentation of the existence of scale errors; Scale errors and the use of visual information for planning versus executing actions on objects; Conclusion; References; Commentary on Part I The embodied mini-me: tracing the development of body representations and their role for self-awareness; The body in the wonderland; The multisensory body; Looking for myself; Mind the body; References; Part II The bodies of others
5 Developing expertise in human body perceptionExpert body perception in adulthood; How does visual expertise for the human body arise?; Body detection develops relatively late in infancy; Stimulus generalisation effects in infants' body detection; Conclusion and future directions; References; 6 Children's representations of the human figure in their drawings; Children's early mark-making; The beginnings of representation; The first, recognisable figures; The development of a conventional figure; How universal are children's attempts to draw the human figure?
The representation of the human figure in different culturesThe sources of cultural influence on children's drawings; Individual characteristics and experiences; Summary; References; 7 Understanding of human motion, form and levels of meaning: evidence from the perception of human point-light displays by infants and people with autism; Levels of human bodily motion; Human motion and PLDs; Development of levels of understanding in infancy; Early sensitivity to human motion; 'Knowledge constraints'; Evidence for perception of the physical properties of the hidden human form
Attribution of psychological properties in infancy

Sommario/riassunto

Because we engage with the world and each other through our bodies and bodily movements, being able to represent one's own and others' bodies is fundamental to human perception, cognition and behaviour. This edited book brings together, for the first time, developmental perspectives on the growth of body knowledge in infancy and early childhood and how it intersects with other aspects of perception and cognition. The book is organised into three sections addressing the bodily self, the bodies of others and integrating self and other. Topics include perception and representation of the human form, infant imitation, understanding biological motion, self-representation, intention understanding, action production and perception and children's human figure drawings. Each section includes chapters from leading international scholars drawn together by an expert commentary that highlights open questions and directions for future research.
