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Mind in practice : a pragmatic and interdisciplinary account of intersubjectivity

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References

- Amsterdam B. 1972. Mirror self-image reactions before age two. *Development Psychobiology* 5, 297-305.
- Augustine A. 1991. *Confessions* (translated by Chadwick H.) New York: Oxford University Press.
- Avramides A. 2001. *Other Minds*. London: Routledge.
- Ayer A.J. 1956. *The Problem of Knowledge*. London: Macmillan.
- Baird J.A. and Baldwin D.A. 2001. Making sense of human behavior: Action parsing and intentional inference. In Malle B.F., Moses L.J. and Baldwin D.A. (eds.) *Intentions and Intentionality: foundations of Social Cognition* (193-206). Cambridge MA: MIT Press.
- Baker L.R.
1995. *Explaining Attitudes: A Practical Approach to the Mind*. Cambridge: Cambridge University Press.
1999. What is This Thing Called 'Commonsense Psychology'? *Philosophical Explorations* 2, 3-19.
- Baldwin D.A., Baird J.A., Saylor M.M. and Clark M.A. 2001. Infants parse dynamic action. *Child Development* 72, 708-17.
- Baron-Cohen S.
1989. The autistic child's theory of mind: A case of specific developmental delay. *Journal of Child Psychology and Psychiatry* 30, 285-98.
1995. *Mindblindness: an essay on autism and theory of mind*. Cambridge MA: MIT Press/Bradford Books.
- Baron-Cohen S., Leslie A.M., and Frith U. 1985. Does the autistic child have a theory of mind? *Cognition* 21, 37-46.
- Baron-Cohen S., Leslie A.M. and Frith U. 1986. Mechanical, behavioral and Intentional understanding of picture stories in autistic children. *British Journal of Developmental Psychology* 4, 113-125.
- Barr R., Dowden A. and Hayne H. 1996. Developmental changes in deferred imitation by 6 to 24-month-old infants. *Infant Behavior and Development* 19, 159-70.
- Bates E., Camioni L., and Volterra V. 1975. The acquisition of performatives prior to speech. *Merrill-Palmer Quarterly* 21, 205-26.
- Bauer P.J. 1996. *The development of memory in childhood*. London: University College London Press.

References

- Bauer P. J. and Mandler J. M. 1992. Putting the horse before the cart: The use of temporal order in recall of events by one-year-old children. *Developmental Psychology* 28, 441-52.
- Bauer P.J., Hertsgaard L.A. and Dow G.A. 1994. After 8 months have passed: long-term recall of events by 1- and 2-year-old children. *Memory* 2, 353-83.
- Bauer P.J., Wenner J.A., Dropik P.L. and Wewerka S.S. 2000. Parameters of remembering and forgetting in the transition from infancy to early childhood. *Monographs of the Society for Research in Child Development* 65, 1-204.
- Bavidge M. and Ground I. 2009 Do animals need a theory of mind? In Leudar I. and Costall A. (eds.) *Against Theory of Mind*. Basingstoke: Palgrave Macmillan.
- Baynes K. and Gazzaniga M.S. 2000. Consciousness, introspection, and the split-brain: The two minds/one body problem. In Gazzaniga M.S. (ed.) *The New Cognitive Neurosciences Second Edition* (1355-68) Cambridge MA: MIT Press.
- Bermudez J.
1998. *The Paradox of Self-Consciousness*. Cambridge MA: MIT Press.
2003. *Thinking Without Words*. Oxford: Oxford University Press.
- Bernier P. 2002. From simulation to theory. In Dokic, J. and Proust J. (eds.) *Simulation and Knowledge of Action* (33-48) Amsterdam: John Benjamins.
- Bertenthal B.I. and Fischer K. W. 1978. Development of self-recognition in the infant. *Developmental Psychology* 14, 44-50.
- Birch S. and Bloom P. 2003. Children are cursed: An asymmetric bias in mental state attribution. *Psychological Science* 14, 283-6.
- Birch S. and Bloom P. 2004. Understanding children's and adult's limitations in mental state reasoning. *Trends in Cognitive Science* 8, 255-60.
- Bittner R. 2001. *Doing things for reasons*. Oxford: Oxford University Press.
- Blakemore S.J. and Decety J. 2001. From the perception of action to the understanding of intention. *Nature Reviews Neuroscience* 2, 561-7.
- Blakemore S.J., Frith C.D. and Wolpert D.W. 2001. The cerebellum is involved in predicting the sensory consequences of action. *Neuroreport* 12, 1879-85.
- Bloom P. and German T.P. 2000. Two reasons to abandon the false belief task as a test of theory of mind. *Cognition* 77, B25-B31.
- Bogdan R. 1997. *Interpreting Minds: The Evolution of a Practice*. Cambridge MA: MIT Press.

References

- Borg E. 2007. If Mirror Neurons are the Answer, What was the Question? *Journal of Consciousness Studies* 14, 5-19.
- Botterill G. 1996. Folk psychology and theoretical status. In Carruthers P. and Smith P. (eds.) *Theories of Theories of Mind* (184-99) Cambridge: Cambridge University Press.
- Braddon-Mitchell D. and Jackson F. 2007. *Philosophy of Mind and Cognition: An Introduction*. Oxford: Blackwell Publishing.
- Brasil-Neto J.P., Cohen L.G., Pascual-Leone A., Jibir F.K., Wall R.T. and Hallett M. 1992. Rapid reversible modulation of human motor outputs after transient deafferentation of the forearm: a study with transcranial magnetic stimulation. *Neurology* 42, 1302-6.
- Braver T.S., Cohen J.D., Nystrom L.E., Jonides J., Smith E.E. and Noll D.C. 1997. A parametric study of prefrontal cortex involvement in human working memory. *Neuroimage* 5, pp. 49-62.
- Bretherton I. 1991. Intentional communication and the development of an understanding of mind. In Frye, D. and Moore, C. (eds.) *Children's theories of mind* (49-75). Hillsdale NJ: Erlbaum.
- Bruck M., and Ceci S.J. 1999. The suggestibility of children's memory. *Annual Review of Psychology* 50, 419-39.
- Bruner J.S.
1990. *Acts of meaning*. Cambridge MA: Harvard University Press.
1991. The Narrative Construction of Reality. *Critical Inquiry* 18, 1-21.
- Bruner J. and Kalmar D.A. 1998. Narrative and metanarrative in the construction of self. In Ferrari M. and Sternberg R. J. (eds.) *Self Awareness: Its Nature and Development* (308-31) New York: Guilford Press.
- Butterworth G. 1991. The ontogeny and phylogeny of joint visual attention. In Whiten A. (ed.) *Natural theories of mind* (223-32). Oxford: Blackwell.
- Butterworth G. and Grover L. 1990. Joint visual attention, manual pointing, and preverbal communication in human infancy. In Jeannerod M. (ed.) *Attention and performance XIII: Motor representation and control* (605-24) Hillsdale, NJ: Erlbaum.
- Butterworth G. and Jarrett, N. 1991. What minds have in common is space: spatial mechanisms serving joint visual attention in infancy. *British Journal of Developmental Psychology* 9, 55-72.
- Byrne R.W. and Whiten A. 1988. *Machiavellian Intelligence: Social Expertise and the Evolution of Intellect in Monkeys, Apes and Humans*. Oxford: Oxford University Press.

References

- Campbell R.J. and Bickhard M.H. 2002. Physicalism, emergence, and downward causation. *Unpublished*. (URL: <http://www.lehigh.edu/~mhb0/physicalemergence.pdf>)
- Carpendale J.L.M. and Lewis C. 2004. Constructing an understanding of the mind: the development of children's social understanding within social interaction. *Behavioral and Brain Sciences* 27, 79–151.
- Carpenter M., Akhtar N. and Tomasello M. 1998. Fourteen-through 18-month-old infants differentially imitate intentional and accidental actions. *Infant Behavior Development* 21, 315–30.
- Carr L., Iacoboni M., Dubeau M.C., Mazziotta J.C. and Lenzi G.L. 2003. Neural mechanisms of empathy in humans: a relay from neural systems for imitation to limbic areas. *PNAS* 100, 5497–502.
- Carruthers P. 1996. Simulation and self-knowledge: a defense of theory-theory. In Carruthers P. and Smith P.K. (eds.) *Theories of Theories of Mind* (22-38). Cambridge: Cambridge University Press.
- Cash T.F. and Brown T.A. 1987. Body image in anorexia nervosa and bulimia nervosa: a review of the literature. *Behavior Modification* 11, 487–521.
- Castelli F., Frith C., Happé F., and Frith U. 2002. Autism, Asperger syndrome and brain mechanisms for the attribution of mental states to animated shapes. *Brain* 125, 1839–49.
- Ceci S.J. and Bruck M. 1993. Suggestibility of the child witness: A historical review and synthesis. *Psychological Bulletin* 113, 403-39.
- Chaminade T., Meltzoff A. and Decety J. 2002. Does the end justify the means? A PET exploration of the mechanisms involved in human imitation. *NeuroImage* 15, 318–28.
- Charman T., Baron-Cohen S., Swettenham J., Baird G., Cox A. and Drew A. 2000. Testing joint attention, imitation, and play as infancy precursors to language and theory of mind. *Cognitive Development* 15, 481–98.
- Chartrand T. and Bargh J. 1999. The chameleon effect: The perception-behavior link and social interaction. *Journal of Personality and Social Psychology* 76, 893-910.
- Cheng P.W. and Holyoak K.J. 1985. Pragmatic reasoning schemas. *Cognitive Psychology* 17, 391-416.
- Chomsky N. 1957. *Syntactic Structures*. The Hague/Paris: Mouton.

References

- Churchland P.M.
1981. Eliminative Materialism and the Propositional Attitudes. *Journal of Philosophy* 78, 67-90.
1988. Matter and consciousness. Cambridge Massachusetts: MIT Press.
- Churchland P.S. 1986. *Neurophilosophy: Toward a Unified Science of the Mind/Brain*. Cambridge: MIT Press.
- Cilliers P. 2005. Knowing complex systems. In Richardson, K. (ed.) *Managing Organizational Complexity: Philosophy, Theory, and Application* (7–20) Greenwich: Information Age Publishers.
- Clements W.A. and Perner J. 1994. Implicit understanding of belief. *Cognitive Development* 9, 377-95.
- Cohen J.D., Perstein W.M., Braver T.S., Nystrom L.E., Noll D.C., Jonides J. and Smith E.E. 1997. Temporal dynamics of brain activation during a working memory task. *Nature* 386, 604-8.
- Cosmides L. 1989. The logic of social exchange: Has natural selection shaped how humans reason? Studies with the Wason selection task. *Cognition* 31, 187-276.
- Courtney S.M., Ungerleider L.G., Keil K. and Haxby J.V. 1997. Transient and Sustained Activity in a Distributed Neural System for Human Working Memory. *Nature* 386, 608-11.
- Crane T. 2003. *The Mechanical Mind: A Philosophical Introduction to Minds, Machines, and Mental Representation 2nd Edition*. New York: Routledge.
- Csibra G.
2005. Mirror neurons and action observation. Is simulation involved? ESF Interdisciplines. (<http://www.interdisciplines.org/mirror/papers>).
2007. Action mirroring and action understanding: an alternative account. In Haggard P., Rosetti Y. and Kawato M. (eds.) *Sensorimotor foundations of higher cognition. Attention and performance XII* (453-9) Oxford: Oxford University Press.
- Csibra G. and Gergely G. 2009. Natural pedagogy. *Trends in Cognitive Sciences* 13, 148-53.
- Currie G. 1995. Imagination and Simulation. In Davies, M. and Stone, T. (eds.) *Mental Simulation* (151-69) Oxford: Blackwell.
- Currie G. and Ravenscroft I. 2003. *Recreative Minds*. Oxford: Oxford University Press.

References

- Currie G. and Sterelny K. 2000. How to think about the Modularity of Mind-Reading. *Philosophical Quarterly* 50, 143–60.
- Cussins A. 1990. The connectionist construction of concepts. In Boden M. (ed.) *The Philosophy of Artificial Intelligence* (368-440) Oxford: Oxford University Press.
- Dapretto M., Davies M.S., Pfeifer J.H., Scott A.A., Sigman M., Bookheimer S.Y. and Iacoboni M. 2006. Understanding emotions in others: mirror neuron dysfunction in children with autism spectrum disorders. *Nature Neuroscience* 9, 28-30.
- Davidson D.
1963. Actions, Reasons, and Causes. *Journal of Philosophy* 60, 685-700 (Reprinted in Davidson 2001).
1984. *Inquiries into Truth and Interpretation*. Oxford: Clarendon Press.
2001. *Essays on Actions and Events*. New York: Oxford University Press.
- Davies M. 1998. Language, Thought, and the Language of Thought (Aunty's Own Argument Revisited). In Carruthers P. and Boucher J. (eds.) *Language and Thought* (226–47) Cambridge: Cambridge University Press.
- Davies M. and Stone T. (eds.)
- 1995a. *Mental Simulation: Evaluations and Applications*. Oxford: Blackwell.
- 1995b. *Folk Psychology: The Theory of Mind Debate*. Oxford: Blackwell.
- Decety J., Grezes J., Costes N., Perani D., Jeannerod M., Procyk E., Grassi F. and Fazio F. 1997. Brain activity during observation of actions: Influence of action content and subject's strategy. *Brain* 120, 1763-77.
- Decety J., Chaminade T., Grezes J. and Meltzoff A. 2002. A PET exploration of the neural mechanisms involved in reciprocal imitation. *NeuroImage* 15, 265-72.
- Decety J. and Jackson P.L. 2004. The functional architecture of human empathy. *Behavioral and Cognitive Neuroscience Reviews* 3, 71-100.
- De Jaegher H. 2009. Social understanding through direct perception? Yes, by interacting. *Consciousness and Cognition* 18, 535-42.
- De Jaegher H. and Di Paolo E. 2007. Participatory Sense-Making: An enactive approach to social cognition. *Phenomenology and the Cognitive Sciences* 6, 485-507.
- Dennett D.C.
1969. *Content and consciousness*. London: Routledge and Kegan Paul.
1978. Beliefs about beliefs. *Behavioral and Brain Sciences* 1, 568-70.
1987. *The Intentional Stance*. Cambridge MA: MIT Press.

References

1991. Real Patterns. *Journal of Philosophy* 88, 27-51.
- Descartes R.
- 1904. *Oeuvres de Descartes*. Adam C. and Tannery T. (eds.) Paris: Vrin.
 - 1984. *The Philosophical Writings of Descartes Volumes I and II*. Cottingham J., Stoothoff R. and Murdoch D. (eds.) Cambridge: Cambridge University Press.
 - 1984. *The Philosophical Writings of Descartes Volume III*. 1984. Cottingham J., Stoothoff R., Murdoch D. and Kenny A. (eds.) Cambridge: Cambridge University Press.
- De Vignemont F. 2004. The co-consciousness hypothesis. *Phenomenology and the Cognitive Sciences* 3, 97-114.
- Dewey J. 1960. *The Quest for certainty*. New York: Capricorn.
- Dijksterhuis A. and Van Knippenberg A. 1998. The relation between perception and behavior, or how to win a game of trivial pursuit. *Journal of Personality and Social Psychology* 74, 865-77.
- Di Pellegrino G., Fadiga L., Fogassi L., Gallese V. and Rizzolatti G. 1992. Understanding motor events: A neurophysiological study. *Experimental Brain Research* 91, 176–80.
- Donald M.
- 1991. *Origins of the Modern Mind: Three Stages in the Evolution of Culture and Cognition*. Cambridge MA: Harvard University Press.
 - 2001. *A Mind So Rare: The Evolution of Human Consciousness*. New York: W.W. Norton.
- Doyle A.C. 1887-1927/1986. *The complete Illustrated Sherlock Holmes*. Chatham: Omega Books Ltd.
- Dunn J. 1988. *The beginnings of social understanding*. Oxford: Blackwell.
- Dupré J. 1993. *The Disorder of Things*. Cambridge MA: Harvard University Press.
- Edelman G.M. 1992. *Bright Air, Brilliant Fire. On the Matter of Mind*. New York: Basic Books.
- Eilan N. 2005. *Joint Attention, Communication, and Mind*. In Eilan N., Hoerl C., McCormack T. and Roessler J. (eds.) *Joint Attention: Communicationd and Other Minds* (1-33) Oxford: Clarendon Press.
- Evans G. 1982. *The Varieties of Reference* (ed. J. McDowell) Oxford: Oxford University Press.

References

- Farrer C. and Frith C.D. 2002. Experiencing oneself vs. another person as being the cause of an action: the neural correlates of the experience of agency. *Neuroimage* 15, 596-603.
- Farrer C., Franck N., Georgieff N., Frith C.D., Decety J. and Jeannerod M. 2003. Modulating the experience of agency: a positron emission tomography study. *Neuroimage* 18, 324-33.
- Feyerabend P. 1962. Explanation, reduction and empiricism. In Feigl H. and Maxwell G. (eds.) *Minnesota studies in the philosophy of science* Volume 3 (28-97) Minneapolis: University of Minnesota Press.
- Field T.M., Woodson R. and Greenberg R. 1982. Discrimination and imitation of facial expressions by neonates. *Science* 218, 179-81.
- Field T., Sandburg S., Garcia R., Vega-Lahr N., Goldstein S. and Guy L. 1985. Pregnancy problems, postpartum depression, and early mother-infant interactions. *Developmental Psychology* 21, 1152-6.
- Fivush R. 1994. Constructing narrative, emotion, and self in parent-child conversations about the past. In Neisser U. (ed.) *The remembering self: Construction and accuracy in the self-narrative* (136-57) New York: Cambridge University Press.
- Flavell J.H., Green F.L. and Flavell E.R. 1986. Development of Knowledge about the Appearance-Reality Distinction. *Monographs of the Society for Research in Child Development* 51, 1.
- Fletcher P.C., Happé F., Frith U., Baker S.C., Dolan R.J., Frackowiak R.S. and Frith C.D. 1995. Other minds in the brain: a functional imaging study of 'theory of mind' in story comprehension. *Cognition* 5, 109–28.
- Fletcher P.C., Frith C.D. and Rugg M.D. 1997. The Functional Neuroanatomy of Episodic Memory. *Trends in Neuroscience* 20, 213-18.
- Fludernik M. 1996. *Towards a 'Natural' Narratology*. London: Routledge.
- Fodor J.A.
1975. *The Language of Thought*. Cambridge MA: Harvard University Press.
1983. *The modularity of mind*. Cambridge MA: MIT Press.
1987. *Psychosemantics: The Problem of Meaning in the Philosophy of Mind*. Cambridge MA: MIT Press.
1995. A theory of the child's theory of mind. In Davies M. and Stone T. (eds.) *Mental Simulation* (33-52) Oxford: Blackwell.

References

- Fogassi L., Ferrari P.F., Gesierich B., Rozzi S., Chersi F. and Rizzolatti G. 2005. Parietal lobe: From action organization to intention understanding. *Science* 302, 662-7.
- Frankish K. 2004. *Mind and supermind*. Cambridge: Cambridge University Press.
- Friedman W.J. 1991. The development of children's memory for the time of past events. *Child Development* 62, 139-55.
- Friedman W.J. 1992. Children's time memory: The development of a differentiated past. *Cognitive Development* 7, 171-87.
- Frith U. and Happé F. 1999. Theory of mind and self consciousness: What is it like to be autistic? *Mind and Language* 14, 1-22.
- Fuchs T. and De Jaegher H. 2009. Enactive intersubjectivity: Participatory sense-making and mutual incorporation. *Phenomenology and the Cognitive Sciences* 8, 465-86.
- Fuller G. 1995. Simulation and psychological concepts. In Davies M. and Stone T. (eds.) *Mental Simulation* (19-32) Oxford: Blackwell.
- Fuster J.M. 1997. Network memory. *Trends in Neuroscience* 20, 451-8.
- Gallagher S.
1997. Mutual Enlightenment: Recent Phenomenology in Cognitive Science. *Journal of Consciousness Studies* 4, 195-214.
2000. Philosophical conceptions of the self: implications for cognitive science. *Trends in Cognitive Science* 4, 14-21.
2001. The practice of mind: Theory, simulation or primary interaction? *Journal of Consciousness Studies* 8, 83-108.
- 2003a. Bodily self-awareness and object-perception. *Theoria et Historia Scientiarum: International Journal for Interdisciplinary Studies* 7, 53-68.
- 2003b. Self-narrative, embodied action, and social context. In Wiercinski A. (ed.) *Between Suspicion and Sympathy: Paul Ricoeur's Unstable Equilibrium* (409-423) Toronto: The Hermeneutic Press.
2004. Understanding interpersonal problems in autism: Interaction theory as an alternative to theory of mind. *Philosophy, Psychiatry, and Psychology* 11, 199-217.
2005. *How the Body Shapes the Mind*. New York: Oxford University Press.
2007. Logical and phenomenological arguments against simulation theory. In Hutto D. and Ratcliffe M. (eds.) *Folk Psychology Re-assessed* (63-78) Dordrecht: Springer Publishers.

References

- Gallagher S. and Meltzoff A.N. 1996. The earliest sense of self and others. *Philosophical Psychology* 9, 213–36.
- Gallagher S. and Brøsted Sørensen J. 2006. Experimenting with phenomenology. *Consciousness and Cognition* 15, 119-34.
- Gallagher S. and Hutto D. 2008. Understanding others through primary interaction and narrative practice. In Zlatev J., Racine T., Sinha C. and Itkonen E. (eds.) *The Shared Mind: Perspectives on Intersubjectivity* (17-38) Amsterdam: John Benjamins.
- Gallagher S. and Varela F. 2003. Redrawing the map and resetting the time: Phenomenology and the cognitive sciences. *Canadian Journal of Philosophy* 29, 93-132.
- Gallagher S. and Zahavi D. 2008. The phenomenological mind: an introduction to philosophy of mind and cognitive sciences. London/New York: Routledge.
- Gallese V. 2001. The 'shared manifold' hypothesis: from mirror neurons to empathy. *Journal of Consciousness Studies* 8, 33-50.
- Gallese V., Keysers C. and Rizzolatti G. 2004. A unifying view of the basis of social cognition. *Trends in Cognitive Sciences* 8, 396-403.
- Gallese V. 2005. 'Being like me': Self-other identity, mirror neurons and empathy. In Hurley S. and Chater N. (eds.) *Perspectives on Imitation* (101-18) Cambridge MA: MIT Press.
- Gallese V. and Goldman A. 1998. Mirror neurons and the Simulation Theory of mindreading. *Trends in Cognitive Sciences* 2, 493–501.
- Gallese V., Fadiga L., Fogassi L. and Rizzolatti G. 1996. Action recognition in the premotor cortex. *Brain* 119, 593-609.
- Garfield J.L., Peterson C.C. and Perry T. 2001. Social Cognition, Language acquisition and the development of the Theory of Mind. *Mind and Language* 16, 494–541.
- Gardner R.M. and Moncrieff C. 1988. Body image distortion in anorexics as a non-sensory phenomenon: a signal detection approach. *Journal of Clinical Psychology* 44, 101–7.
- Garvey C. 1990. *Play*. Cambridge MA: Harvard University Press.
- Gazzaniga M.S.
1988. *Mind matters*. Boston: Houghton Mifflin.
1995. Principles of human brain organization derived from split-brain studies. *Neuron* 14, 217-28.
1998. *The Mind's Past*. Berkeley: University of California Press.

References

1992. *Nature's Mind: The biological Roots of thinking, Emotions, Sexuality, Language, and Intelligence*. New York: Basic Books.
2000. Cerebral specialization and interhemispheric communication. Does the corpus callosum enable the human condition? *Brain* 123, 1293-326.
- Gazzaniga M.S. and Gallagher S. 1998. The Neuronal Platonist. *Journal of Consciousness Studies* 5, 706-17.
- Gergely G. 2001. The obscure object of desire: 'Nearly, but clearly not, like me': Contingency preference in normal children versus children with autism. *Bulletin of the Menninger Clinic* 65, 411-26.
- Gergely G., Bekkering H. and Király I. 2002. Rational imitation in preverbal infants. *Nature* 415, 755.
- Gergely G. and Csibra G. 2003. Teleological reasoning in infancy: The naive theory of rational action. *Trends in Cognitive Sciences* 7, 287-92.
- Georgieff N. and Jeannerod M. 1998. Beyond consciousness of external events: A 'Who' system for consciousness of action and self-consciousness. *Consciousness and Cognition* 7, 465-77.
- Gibson J.J. 1997. *The ecological Approach to Visual perception*. Boston: Houghton Mifflin.
- Glas G. 2003. Idem, ipse, and loss of the self. *Philosophy, Psychiatry and Psychology* 10, 347-52.
- Godfrey-Smith P. 2003. Folk Psychology Under Stress: Comments on Susan Hurley's Animal Action in the Space of Reasons. *Mind and Language* 18, 266-72.
- Goldman A.I.
1970. *A theory of human action*. Englewood Cliffs New Jersey: Prentice-Hall.
1989. Interpretation psychologized. *Mind and Language* 4, 161-85.
1993. The psychology of folk psychology. *Behavioral and Brain Sciences* 16, 15-28.
1995. Interpretation Psychologized. In Davis M. and Stone T. (eds.) *Folk Psychology: the Theory of Mind Debate* (74-99) Oxford: Blackwell.
2000. Folk psychology and mental concepts. *Protosociology* 14, 4-25.
2002. Simulation theory and mental concepts. In Dokic J. and Proust J. (eds.) *Simulation and Knowledge of Action* (1-19) Amsterdam: John Benjamins.
2006. *Simulating minds: The philosophy, psychology and neuroscience of mindreading*. Oxford: Oxford University Press.

References

- Goldman A.I. and Sripada C.S. 2005. Simulationist models of face-based emotion recognition. *Cognition* 94, 193–213.
- Gopnik A.
- 1993. How we know our minds: The illusion of first-person knowledge of intentionality. *Behavioral and Brain Sciences* 16, 1–14.
 - 2003. The theory theory as an alternative to the innateness hypothesis. In Antony L. and Hornstein N. (eds.) *Chomsky and his critics* (238–54) Oxford: Blackwell.
- Gopnik A. and Astington J.W. 1988. Children's Understanding of Representational Change and its Relation to the Understanding of False Belief and the Appearance-Reality Distinction. *Child Development* 59, 26–37.
- Gopnik A. and Meltzoff A.N.
- 1994. Minds, bodies and persons: Young children's understanding of the self and others as reflected in imitation and "theory of mind" research. In Parker S. and Mitchell R. (eds.) *Self-awareness in animals and humans* (166–86) New York: Cambridge University Press.
 - 1997. *Words, Thoughts, and Theories*. Cambridge MA: MIT Press.
- Gopnik A. and Wellman H.M. 1992. Why the child's theory of mind really 'is' a theory. *Mind and Language* 7, 145–71.
- Gopnik A. and Wellman H.M. 1994. The 'Theory Theory'. In Hirschfield L. and Gelman S. (eds.) *Mapping the Mind: Domain Specificity in Culture and Cognition* (257–93) New York: Cambridge University Press.
- Gordon R.M.
- 1969. Emotions and Knowledge. *The Journal of Philosophy* 66, 408–13.
 - 1986. Folk psychology as Simulation. *Mind and Language* 1, 158–71.
 - 1987. *The Structure of Emotions: Investigations in Cognitive Philosophy*. Cambridge: Cambridge University Press.
 - 1992. The Simulation Theory: Objections and misconceptions. *Mind and Language* 7, 11–34.
 - 1995. Simulation without introspection or inference from me to you. In M. Davies and T. Stone (eds.) *Mental Simulation* (53–67) Oxford: Blackwell.
 - 1996. Radical Simulationism. In Carruthers P. and Smith P. (eds.) *Theories of Theories of Mind* (11–21) Cambridge: Cambridge University Press.

References

2004. Folk psychology as mental simulation. In Zalta N. (ed.) *The Stanford encyclopedia of Philosophy* (URL=<http://plato.stanford.edu/archives/fall2004/entries/folkpsych-simulation>).
2005. Intentional agents like myself. In Hurley S. and Chater N. (eds.) *Perspectives on Imitation* (95-106). Cambridge MA: MIT Press.
2007. Ascent routines for propositional attitudes. *Synthese* 159, 151-65.
- Grafton S.T., Arbib M.A., Fadiga L. and Rizzolatti G. 1996. Localization of grasp representation in humans by positron emission tomography. *Experimental Brain Research* 112, 103-11.
- Gregory C., Lough S., Stone V., Erzinclioglu S., Martin L., Baron- Cohen S. and Hodges J.R. 2002. Theory of mind in patients with frontal variant frontotemporal dementia and Alzheimer's disease: theoretical and practical implications. *Brain* 125, 752-64.
- Grezes J., Costes N. and Decety J. 1998. Top-down effect of strategy on the perception of human biological motion: A PET investigation. *Cognitive Neuropsychology* 15, 553-82.
- Hainline L. 1978. Developmental changes in visual scanning of face and nonface patterns by infants. *Journal of Experimental Child Psychology* 25, 90-115.
- Haith M.M., Bergman T. and Moore M.J. 1979. Eye contact and face scanning in early infancy. *Science* 198, 853-5.
- Happé F., Malhi G.S. and Checkley S. 2001. Acquired mind-blindness following frontal lobe surgery? A single case study of impaired theory of mind in a patient treated with stereotactic anterior capsulotomy. *Neuropsychologia* 39, 83-90.
- Harris P.L. 1992. From simulation to folk psychology: The case for development. *Mind and Language* 7, 120-44.
- Haruno M., Wolpert D.M. and Kawato M. 2001. Mosaic model for sensorimotor learning and control. *Neural Computation* 13, 2201-20.
- Hatfield E., Cacioppo J. and Rapson R.L. 1994. *Emotional contagion*. New York: Cambridge University Press.
- Hattiangadi J. 2005. The emergence of minds in space and time. In Johnson D. M. and Ernelling C. (eds.) *The Mind as a Scientific Object: Between Brain and Culture* (79-100) New York: Oxford University Press.
- Heal J.
1986. Replication and Functionalism. In Butterfield J. (ed.) *Language, Mind and Logic* (135-50) Cambridge: Cambridge University Press.

References

1995. How to Think About Thinking. In Davies M. and Stone T. (eds.) *Mental Simulation* (33-52) Oxford: Blackwell.
1998. Co-Cognition and Off-Line Simulation: Two Ways of Understanding the Simulation Approach. *Mind and Language* 13, 477-98.
- Hempel C.G. 1949. The logical analysis of psychology. In Feigl H. and Sellars W. (eds.) *Readings in Philosophical Analysis* (373-384) New York: Appleton-Century-Crofts.
- Hickok G. 2009. Eight Problems for the Mirror Neuron Theory of Action Understanding in Monkeys and Humans. *Journal of Cognitive Neuroscience* 21, 1229-43.
- Hobson R.P.
1993. The emotional origins of social understanding. *Philosophical Psychology* 6, 227-49.
2002. *The Cradle of Thought*. London: Macmillan.
- Horgan T. and Woodward J. 1985. Folk Psychology is Here to Stay. *Philosophical Review* 94, 197-226.
- Horner V. and Whiten A. 2005. Causal knowledge and imitation/emulation switching in chimpanzees (*Pan troglodytes*) and children (*Homo sapiens*). *Animal Cognition* 8, 164–181.
- Howe M.L. 2000. *The fate of early memories: Developmental science and the retention of childhood experiences*. Washington DC: American Psychological Association.
- Hume D. 2003. *A Treatise of Human Nature*. New York: Dover.
- Hurley S.L. 2005. Active perception and perceiving action: The shared circuits model. In Gendler T. and Hawthorne J. (eds.) *Perceptual Experience* (205-59) New York: Oxford University Press.
- Hurley S.L. 2008. The shared circuits model (SCM): How control, mirroring, and simulation can enable imitation, deliberation, and mindreading. *Behavioral Brain Sciences* 31, 1-58.
- Hutto D.D.
1999. A Cause for Concern: Reasons, Causes and Explanations. *Philosophy and Phenomenological Research* 59, 381-401.
2004. The limits of spectatorial folk psychology. *Mind and Language* 19, 548-73.
2006. Four Herculean labours: Reply to Hobson. In Menary R. (ed.) *Radical Enactivism: Focus on the Philosophy of Daniel D. Hutto* (185–221) Amsterdam/Philadelphia: Jon Benjamins.

References

- 2007a. *Folk psychological narratives: the socio-cultural basis of understanding reasons*. Cambridge MA: MIT Press.
- 2007b. The narrative practice hypothesis: Origins and applications of Folk Psychology. *Narrative and Understanding Persons, Royal Institute of Philosophy Supplement* 82, 43-68.
- 2008a. The Narrative Practice Hypothesis: Clarifications and Implications. *Philosophical Explorations* 11, 175-92.
- 2008b. Articulating and Understanding the Phenomenological Manifesto. *Abstracta - Linguagem Mente e Ação*, 10-9.
2009. *Folk Psychology as Narrative Practice*. *Journal of Consciousness Studies* 16, 9-39.
- Hyslop A. and Jackson F.C. 1972. The Analogical Inference to Other Minds. *American Philosophical Quarterly* 9, 168-76.
- Iacoboni M. 2005. Neural mechanisms of imitation. *Current Opinion in Neurobiology* 15, 632-7.
- Iacoboni M., Molnar-Szakacs I., Gallese V., Buccino G., Mazziotta J. and Rizzolatti G. 2005. Grasping the intentions of others with one's own mirror neuron system. *PLOS Biology* 3, 529-35.
- Iacoboni M., Woods R.P., Brass M., Bekkering H., Mazziotta J.C. and Rizzolatti G. 1999. Cortical mechanisms of human imitation. *Science* 286, 2526-8.
- Iacoboni M., Woods R.P., Brass M., Bekkering H. and Mazziotta J.C. and Rizolatti G. 2001. Reafferent copies of imitated actions in the right superior temporal cortex. *PNAS* 20, 13995-9.
- Imamizu H., Kuroda T., Yoshioka T. and Kawato M. 2004. Functional magnetic resonance imaging examination of two modular architectures for switching multiple internal models. *Journal of Cognitive Neuroscience* 24, 1173-81.
- Jacob P. and Jeannerod M. 2005. The motor theory of social cognition: a critique. *Trends in Cognitive Sciences* 9, 21-5.
- James W. 1890. *The Principles of Psychology*. New York: Dover Publications (reprinted 1950).
- Jeannerod M. 1994. The representing brain: Neural correlates of motor intention and imagery. *Behavioral and Brain Sciences* 17, 187-245.

References

- Jeannerod M. and Pacherie E. 2004. Agency, simulation, and self-identification. *Mind and Language* 19, 113-46.
- Jenkins J.M. and Astington J.W. 2000. Theory of mind and social behavior: Causal models tested in a longitudinal study. *Merrill-Palmer Quarterly* 37, 369-405.
- Happé F. 1995. *Autism: An introduction to psychological theory*. Cambridge: Harvard University Press.
- Herman D. 2007. The *Cambridge Companion to Narrative*. Cambridge: Cambridge University Press.
- Kalaska J.F., Caminiti R. and Georgopoulos A.P. 1983. Cortical mechanisms related to the direction of two-dimensional arm movements: relations in parietal area 5 and comparison with motor cortex. *Experimental Brain Research* 51, 247-60.
- Keysar B. and Bly B. 1995. Intuitions of the transparency of idioms: Can one keep a secret by spilling the beans? *Journal of Memory and Language* 34, 89-109.
- Keysar B., Lin S. and Barr D.J. 2003. Limits on theory of mind use in adults. *Cognition* 89, 25-41.
- Keysers C., Kohler E., Umiltà M.A., Nanetti L., Fogassi L. and Gallese V. 2003. Audiovisual mirror neurons and action recognition. *Experimental Brain Research* 153, 628-36.
- Keysers C. and Perrett D.I. 2004. Demystifying social cognition: a Hebbian perspective. *Trends in Cognitive Sciences* 8, 501-7.
- Kim J.
1993. *Supervenience and Mind: Selected Philosophical Essays*. Cambridge: Cambridge University Press.
1998. *Mind in a physical world*. Cambridge: MIT Press.
1999. Making Sense of Emergence. *Philosophical Studies* 95, 3-36.
- Kinsbourne M. 2004. Imitation as entrainment: Brain mechanisms and social consequences. In Hurley S. and Chater N. (eds.) *Perspectives on Imitation: From Neuroscience to Social Science Volume II* (163-72). Cambridge MA: MIT Press.
- Klin A., Jones W., Schultz R., Volkmar F.R. and Cohen D.J. 2002. Visual fixation patterns during viewing of naturalistic social situations as predictors of social competence in individuals with autism. *Archives of General Psychiatry* 59, 809-16.

References

- Klin A., Jones W., Schultz R. and Volkmar F. 2003. The enactive mind, or from actions to cognition: lessons from autism. *Philosophical Transactions of the Royal Society B: Biological Sciences* 358, 345–60.
- Kohler E., Keysers C., Umiltà M.A., Fogassi L., Gallese V. and Rizzolatti G. 2002. Hearing sounds, understanding actions: action representation in mirror neurons. *Science* 297, 846-8.
- Koski L., Wohlschlager A., Bekkering H., Woods R.P., Dubeau M.C., Mazziotta J.C. and Iacoboni M. 2002. Modulation of motor and premotor activity during imitation of target-directed actions. *Cerebral Cortex* 12, 847-55.
- Lacquaniti F., Guigou E., Bianchi L., Ferraina S. and Caminiti R. 1995. Representing spatial information for limb movement: role of area 5 in the monkey. *Cerebral Cortex* 5, 391-409.
- Leslie A.M.
- 1982. Discursive representation in infancy. In De Gelder B. (ed.) *Knowledge and representation* (80-93) London: Routledge and Kegan Paul.
 - 1987. Pretense and representation: The origins of ‘theory of mind’. *Psychological Review* 94, 412-26.
 - 1988. Some implications of pretense for mechanisms underlying the child’s theory of mind. In Astington J.W., Harris P.L. and Olson D.R. (eds.) *Developing theories of mind* (64-92) Cambridge: Cambridge University Press.
 - 1991. Theory of mind impairment in autism. In Whiten A. (ed.) *Natural theories of mind: Evolution, development, and simulation of everyday mindreading* (233-251) Cambridge MA: Basil Blackwell.
 - 1994. ToMM, ToBy, and Agency: Core architecture and domain specificity. In Hirschfeld L. and Gelman S. (eds.) *Mapping the Mind: Domain Specificity in Cognition and Culture*. Cambridge: Cambridge University Press.
- Leslie A.M. and Frith U. 1988. Autistic children’s understanding of seeing, knowing and believing. *British Journal of Developmental Psychology* 6, 315-24.
- Lewis D. 1972. Psychophysical and Theoretical Identifications. *Australasian Journal of Philosophy* 50, 249-58.
- Lewis M. 1997. The self in self-conscious emotions. In Snodgrass J.G. and Thompson R.L. (eds.) *The self across psychology* (119–42) New York: New York Academy of Sciences.

References

- Lewis M. and Brooks-Gunn J. 1979. *Social Cognition and the Acquisition of Self*. New York: Plenum Press.
- Lhermitte F., Pillon B. and Serdaru M. 1986. Human autonomy and the frontal lobes Volume I. *Annals of Neurology* 19, 326-34.
- Lhermitte F. 1986. Human autonomy and the frontal lobes Volume II. *Annals of Neurology* 19, 335-43.
- Lillard A.
1993. Pretend play skills and the child's theory of mind. *Child Development* 64, 348–71.
1997. Other Folk's Theories of Mind and Behavior. *Psychological Science* 8, 268-74.
1998. Ethnopsychologies: Cultural Variations in Theories of Mind. *Psychological Bulletin* 123, 3-32.
2002. Pretend play and cognitive development. In Goswami U. (ed.) *Handbook of cognitive development* (188-205) London: Blackwell.
- Lingnau A., Gesierich B. and Caramazza A. 2009. Asymmetric fMRI adaptation reveals no evidence for mirror neurons in humans. *PNAS* 106, 9925-30.
- Lipps T. 1903. Einfühlung, innere Nachahmung und Organempfindung. *Archive für die Gesamte Psychologie* 1, 185-204.
- Locke J.L. 1993. *The child's path to spoken language*. Cambridge MA: Harvard University Press.
- MacIntyre A. 1981. *After virtue*. Notre Dame IN: University of Notre Dame Press.
- Malatesta C. and Haviland J.M. 1982. Learning display rules: The socialization of emotion expression in infancy. *Child Development* 53, 991-1003.
- Martin G.B. and Clark R.D. 1987. Distress crying in neonates: Species and peer specificity. *Developmental Psychology* 18, 3-9.
- Maturana H.R. and Varela F.J. *Autopoiesis and Cognition: The Realization of the Living*. Dordrecht: D. Reidel.
- Maurer D. 1985. Infants' perception of facedness. In Field T.N. and Fox N. (eds.) *Social perception in infants* (73-100) Norwood NJ: Ablex.
- Maurer D. and Barrera M.E. 1981. Infants' perception of natural and distorted arrangements of a schematic face. *Child Development* 52, 196-202.

References

- McGeer V. 2001 Psycho-practice, psycho-theory and the contrastive case of autism: How practices of mind become second-nature. *Journal of Consciousness Studies* 8, 109-32.
- McLaughlin B. 1989. Type Epiphenomenalism, Type Dualism, and the Causal Priority of the Physical. *Philosophical Perspectives* 3, 109-135.
- Meltzoff A.N.
- 1988. Infant imitation after a 1-week delay: Long-term memory for novel acts and multiple stimuli. *Developmental Psychology* 24, 470-6.
 - 1995. Understanding the intentions of others: Re-enactment of intended acts by 18-month-old children. *Developmental Psychology* 31, 838-50.
 - 2002. Elements of a developmental theory of imitation. In Meltzoff A.N. and Prinz W. (eds.) *The imitative mind: Development, evolution, and brain bases* (19-41) Cambridge: Cambridge University Press.
 - 2004. Imitation and other minds: The "like me" hypothesis. In Hurley S. and Chater N. (eds.) *Perspectives on Imitation: From Neuroscience to Social Science Vol. II* (55-77) Cambridge MA: MIT Press.
- Meltzoff A.N. and Brooks R. 2001. 'Like me' as a building block for understanding other minds: Bodily acts, attention, and intention. In Malle B.F., Moses L.J. and Baldwin D.A. (eds.) *Intentions and intentionality: foundations of social cognition* (171-91). Cambridge MA: MIT Press.
- Meltzoff A.N. and Moore M.K.
- 1977. Imitation of facial and manual gestures by human neonates. *Science* 198, 75-78.
 - 1983. Newborn infants imitate adult facial gestures. *Child Development* 54, 702-9.
 - 1994. Imitation, memory, and the representation of persons. *Infant Behavior and Development* 17, 83-99.
 - 1995. Infants' understanding of people and things: from body imitation to folk psychology. In Bermúdez J., Marcel A. and Eilan N. (eds.) *Body and the self* (43-69). Cambridge MA: MIT Press.
- Menary R. 2006. *Radical Enactivism*. Amsterdam: John Benjamins.
- Mill J.S. 1878. An examination of Sir Williams Hamilton's Philosophy 4th Ed. London: Longmans, Green, Reader and Dyer.

References

- Miller P.J., Potts R., Fung H., Hoogstra L. and Mintz J. 1990. Narrative practices and the social construction of self in childhood. *American Ethnologist* 17, 292–311.
- Millikan R.G.
1993. *White Queen Psychology and Other Essays for Alice*. Cambridge/London: MIT Press.
2004. *Varieties of Meaning*. Cambridge MA: MIT Press.
- Molnar-Szakacs I., Iacoboni M., Koski L. and Mazziotta J.C. 2005. Functional segregation within pars opercularis of the inferior frontal gyrus: evidence from fMRI studies of imitation and action observation. *Cerebral Cortex* 15, 986-94.
- Montero B.
1999. The Body Problem. *Nous* 33, 183-200.
2001. Post-Physicalism. *Journal of Consciousness Studies* 8, 61–80.
- Morales M., Mundy P. and Rojas J. 1998. Following the direction of gaze and language development in 6-month-olds. *Infant Behavior and Development* 21, 373-7.
- Morales M., Mundy P., Delgado C.E.F., Yale M., Messinger D., Neal R. and Schwartz H.K. 2000. Responding to joint attention across the 6 to 24-month age period and early language acquisition. *Journal of Applied Developmental Psychology* 21, 283–98.
- Moses L.J. and Flavell J.H. 1990. Inferring false beliefs from actions and reactions. *Child Development* 61, 929-45.
- Nelson K.
1996. *Language in cognitive development: emergence of the mediated mind*. Cambridge: Cambridge University Press.
2003. Narrative and the emergence of a consciousness of self. In Fireman G.D., McVay T.E. and Flanagan O.J. (eds). *Narrative and Consciousness* (17-36) Oxford: Oxford University Press.
- Nelson K. and Gruendel J. 1981. Generalized event representations: Basic building blocks of cognitive development. In Lamb M. and Brown A. (eds.) *Advances in developmental psychology Volume 1* (131-58) Hillsdale NJ: Erlbaum.
- Newman-Norlund R.D., Noordzij M.L., Meulenbroek R.G.J. and Bekkering H. 2007. Exploring the brain basis of joint attention: Co-ordination of actions, goals and intentions. *Social Neuroscience* 2, 48-65.

References

- Nickerson R.S.
- 1999. How we know -and sometimes misjudge- what others know: imputing one's own knowledge to others. *Psychological Bulletin* 125, 737-59.
 - 2001. The Projective Way of Knowing: A Useful Heuristic That Sometimes Misleads. *Current Directions in Psychological Science* 10, 168-72.
- Nichols S. and Stich S.
- 2000. A Cognitive Theory of Pretense. *Cognition* 74, 115-47.
 - 2003. *Mindreading: an integrated account of pretense, self-awareness and understanding of other minds*. Oxford: Oxford University Press.
- Ninio A. and Snow C.E. 1996 *Pragmatic Development*. Boulder CO: Westview Press.
- Nisbett R.E. and Wilson T.D. 1977. Telling more than we can know: Verbal reports on mental processes. *Psychological Review* 84, 231-59.
- Norton J.D. 2003. Causation as Folk Science. *Philosophers' Imprint* 3, 1-22.
- Oberman L.M., Hubbard E.M., McCleery J.P., Altschuler E.L., Ramachandran V.S. and Pineda J.A. 2005. EEG evidence for mirror neuron dysfunction in autism spectrum disorders. *Cognitive Brain Research* 24, 190-98.
- Onishi K.H. and Baillargeon R. 2005. Do 15-month-old infants understand false beliefs? *Science* 308, 255-8.
- Perner J.
- 1991. *Understanding the representational mind*. Cambridge MA: MIT Press
 - 1996. Simulation as explication of prediction-implicit knowledge about the mind: arguments for a simulation-theory mix. In Carruthers P. and Smith P. (eds.) *Theories of Theories of Mind* (90-104) Cambridge: Cambridge University Press.
- Perner J., Leekam S. and Wimmer H. 1987. Three-year-olds' difficulty with false belief: The case for a conceptual deficit. *British Journal of Developmental Psychology* 5, 125-37.
- Perrett D.I. and Emery N.J. 1994. Understanding the intentions of others from visual signals: neurophysiological evidence. *Current Psychology of Cognition* 13, 683-94.
- Perrett D., Harries M., Bevan R., Thomas S., Benson P., Mistlin A., Chitty A., Hietanen J. and Ortega J. 1989. Frameworks of analysis for the neural representation of animate objects and actions. *Journal of Experimental Biology* 146, 87-113.
- Perrett D., Mistlin A., Harries M. and Chitty A. 1990. Understanding the visual appearance and consequence of hand actions. In Goodale M. (ed.) *Vision and Action: The Control of Grasping* (163–180) Norwood NJ: Ablex.

References

- Pinker S. 1994. *The Language Instinct*. Baltimore: Penguin.
- Powers P.S., Schulman R.G., Gleghorn A.A. and Prange M.E. 1987. Perceptual and cognitive abnormalities in bulimia. *American Journal of Psychiatry* 144, 1456-60.
- Premack D.G. and Woodruff G. 1978. Does the chimpanzee have a theory of mind? *Behavioral and Brain Sciences* 1, 515-26.
- Prinz J.J. and Clark A. 2004. Putting Concepts to Work: Some Thoughts for the Twenty-First Century. *Mind and Language* 19, 57-69.
- Putnam H. 1990. *Realism with a Human Face*. Cambridge MA: Harvard University Press.
- Quine W. 1953. Two dogmas of empiricism. In *From a logical point of view* (20–46) Cambridge MA: Harvard University Press.
- Ratcliffe M.
2005. Folk Psychology and the Biological Basis of Intersubjectivity. In O'Hear A. (ed.) *Philosophy, Biology and Life* (211-33) Cambridge: Cambridge University Press.
2006. 'Folk psychology' is not folk psychology. *Phenomenology and the Cognitive Sciences* 5, 31–52.
2007. *Rethinking Commonsense Psychology: A Critique of Folk Psychology, Theory of Mind and Simulation*. Basingstoke: Palgrave Macmillan.
2008. Farewell to Folk Psychology: A Response to Hutto. *International Journal of Philosophical Studies* 16, 445-51.
- Reddy V. 2003. On being the object of attention: implications for self-other consciousness. *Trends in Cognitive Sciences* 7, 397-402.
- Reddy V. and Morris P. 2004. Participants Don't Need Theories: Knowing Mind in Engagement. *Theory and Psychology* 14, 647-65.
- Reid T. 1983. Essays on the Intellectual Powers of Man. In Beanblossom R. and Lerher K. (eds.) *Thomas Reid's Inquiry and Essays* (VI, 278-79) Indianapolis: Hackett.
- Ricoeur P.
1984. *Time and Narrative*. Chicago: University of Chicago Press.
1992. *Oneself As Another*. Chicago: University of Chicago Press.
- Rizzolatti G., Fadiga L., Gallese V. and Fogassi L. 1996. Premotor cortex and the recognition of motor actions. *Cognitive Brain Research* 3, 131-41.
- Rizzolatti G., Luppino G. and Matelli M. 1998, The organization of the cortical motor system: New concepts. *Electroencephalography and Clinical Neurophysiology* 106, 283–96.

References

- Rizzolatti G., Fogassi L. and Gallese V. 2000. Cortical mechanisms subserving object grasping and action recognition: A new view on the cortical motor functions. In Gazzaniga M.S. (ed.) *The New Cognitive Neurosciences* (539-52). Cambridge MA: MIT Press.
- Rizzolatti G. and Craighero L. 2004. The mirror-neuron system. *Annual Review of Neuroscience* 27, 169-92.
- Rochat P. and Hespos S.J. 1997. Differential rooting response by neonates: Evidence for an early sense of self. *Early Development and Parenting* 6, 105-12.
- Rollins P.R. and Snow C.E. 1998. Shared attention and grammatical development in typical children and children with autism. *Journal of Child Language* 25, 653-73.
- Rorty R.
1979. *Philosophy and the Mirror of Nature*. Princeton: Princeton University Press.
1982. Contemporary Philosophy of Mind. *Synthese* 53, 323-48.
- Rosen W.D., Adamson L.B. and Bakeman R. 1992. An experimental investigation of infant social referencing: Mothers' messages and gender differences. *Developmental Psychology* 28, 1172-78.
- Roth P.A. 1991. Truth in interpretation: The case of psychoanalysis. *Philosophy of the Social Sciences* 21, 175-95.
- Rowe J.B., Toni I., Josephs O., Frackowiak R.S. and Passingham R.E. 2000. The prefrontal cortex: response selection or maintenance within working memory? *Science* 288, 1656-60.
- Rowe A.D., Bullock P.R., Polkey C.E. and Morris R.G. 2001. 'Theory of mind' impairments and their relationship to executive functioning following frontal lobe excisions. *Brain* 124, 600-16.
- Ruby P. and Decety J. 2001. Effect of the subjective perspective taking during simulation of action: a PET investigation of agency. *Nature Neuroscience* 4, 546-50
- Russell B.
1940. *An inquiry into meaning and truth*. London: Allen and Unwin.
1948. *Human Knowledge: Its Scope and Limits*. London: Allen and Unwin.
- Ryle G. 1949. *The Concept of Mind*. New York: Barnes and Noble.
- Sagi A. and Hoffman M. 1976. Empathic Distress in the Newborn. *Developmental Psychology* 12, 175-76.

References

- Sakata H., Takaoka Y., Kawasaki A. and Shibusawa H. 1973. Somatosensory properties of neurons in the superior parietal cortex (area 5) of the rhesus monkey. *Brain Research* 64, 85-102.
- Sass L. 1992. *Madness and modernism. Insanity in the light of modern art, literature and thought*. New York: Basic Books.
- Saxe R., Carey S. and Kanwisher N. 2004. Understanding Other Minds: Linking Developmental Psychology and Functional Neuroimaging. *Annual Review of Psychology* 55, 87-124.
- Scheler M. 1973. *Wesen und Form der Sympathie*. Bern/München: Francke Verlag (Engl. Translation: Scheler M. 1954. *The Nature of Sympathy*. London: Routledge and Kegan Paul)
- Scholl B.J. and Tremoulet P.D. 2000. Perceptual causality and animacy. *Trends in Cognitive Science* 4, 299-309.
- Sellars W.
1956. Empiricism and the philosophy of mind. *Minnesota Studies in the Philosophy of Science* 1, 253-329.
1963. *Science, perception and reality*. London: Routledge and Kegan Paul.
1975. *Action, Knowledge and Reality: Studies in Honor of Wilfrid Sellars*. Indianapolis: The Bobbs-Merrill.
- Seltzer B. and Pandya D.N. 1994. Parietal, temporal, and occipital projections to cortex of the superior temporal sulcus in the rhesus monkey: a retrograde tracer study. *Journal of Comparative Neurology* 343, 445-63.
- Senju A., Johnson M.H. and Csibra G. 2006. The development and neural basis of referential gaze perception. *Social Neuroscience* 1, 220-34.
- Shoemaker S. 1984. *Identity, Cause, and Mind*. Cambridge: Cambridge University Press.
- Sleutels J. 1994. *Real knowledge: The problem of content in neural epistemics*. Nijmegen: KU Nijmegen.
- Slors M.V.P. 2009. Neural Resonance: Between Simulation and Perception. *Phenomenology and the Cognitive Sciences* 9, 1.
- Somerville J. 1989. Making out the Signatures. In Dalgarno M. and Matthews E. (eds.) *The Philosophy of Thomas Reid* (249-273) Dordrecht: Kluwer.
- Sperber D. 1993. Interpreting and Explaining Cultural Representations. In Palsson G. (ed.) *Beyond Boundaries* (162-83) Oxford: Berg Publishers.

References

- Sperry R.W. 1969. A Modified Concept of Consciousness. *Psychological Review* 76, 532-6.
- Stern D.N. 1985. *The Interpersonal World of the Infant: A View from Psychoanalysis and Developmental Psychology*. New York: Basic Books.
- Steuber K.R. 2006. *Rediscovering empathy: agency, folk psychology, and the human sciences*. London: MIT Press.
- Stich S. 1983. From Folk Psychology to Cognitive Science. Cambridge, MA: MIT Press
- Stich S. and Nichols S.
1992. Folk Psychology: Simulation or Tacit Theory? *Mind and Language* 7, 35-71.
1997. Cognitive Penetrability, Rationality, and Restricted Simulation. *Mind and Language* 12, 297-326.
- Stich S. and Ravenscroft I. 1994. What is Folk Psychology? *Cognition* 50, 447-68.
- Stone V.E., Baron-Cohen S. and Knight R.T. 1998. Frontal lobe contributions to theory of mind. *Journal of Cognitive Neuroscience* 10, 640-56.
- Strawson G.
1999. Self, body, and experience. *Proceedings of the Aristotelian Society (Supplement)* 73, 307–32.
2006. Realistic monism: Why physicalism entails panpsychism. *Journal of Consciousness Studies* 13, 3-31.
- Striano T. and Reid V.M. 2006. Social cognition in the first year. *Trends in Cognitive Sciences* 10, 471-76.
- Thalberg I. 1964. Emotion and Thought. *American Philosophical Quarterly* 1, 45-55.
- Thompson E. 2007. *Mind in Life: Biology, Phenomenology, and the Sciences of Mind*. Cambridge MA: Harvard University Press.
- Thompson W.C., Clarke-Stewart K.A. and Lepore S. 1997. What did the janitor do? Suggestive interviewing and the accuracy of children's accounts. *Law and Human Behavior* 21, 405-26.
- Tooby J. and Cosmides L. 1995. Foreword to S. Baron-Cohen. In *Mindblindness: An essay on autism and theory of mind* (xi-xviii) Cambridge MA: MIT Press.
- Tognoli E., Lagarde J., De Guzman G.C. and Kelso J.A.S. 2007. The phi complex as a neuromarker of human social coordination. *PNAS* 104, 8190-5.
- Tomasello M.
1988. The role of joint attentional process in early language development. *Language*

References

- Sciences* 10, 69-88.
1999. *The Cultural Origins of Human Cognition*. Cambridge: Harvard University Press.
2003. *Constructing a Language: A Usage-Based Theory of Language Acquisition*. Cambridge: Harvard University Press.
2008. *Origins of Human Communication*. Cambridge MA: MIT Press.
- Tomasello M., Kruger A.C. and Ratner H.H. 1993. Cultural learning. *Behavioral and Brain Sciences* 16, 495-552.
- Tomasello M., Strosberg R. and Akhtar N. 1996. Eighteen-month-old children learn words in non-ostensive contexts. *Journal of Child Language* 23, 157-76.
- Tomasello M., Carpenter M., Call J., Behne T. and Moll H. 2005. Understanding and sharing intentions: The origins of cultural cognition. *Behavioral and Brain Sciences* 28, 675-91.
- Trevarthen C. 1979. Communication and cooperation in early infancy: a description of primary intersubjectivity. In Bullowa M. (ed.) *Before Speech: The beginning of interpersonal communication* (321-47) Cambridge: Cambridge University Press.
- Tversky A. and Kahneman D. 1986. Rational choice and the framing of decisions. *Journal of Business* 59, S251-S278
- Umiltà M.A., Kohler E., Gallese V., Fogassi L., Fadiga L., Keysers C. and Rizzolatti G. 2001. I know what you are doing: a neurophysiological study. *Neuron* 32, 91-101.
- Van der Geest J.N., Kemner, C., Verbaten, M.N. and Van Engeland H. 2002. Gaze behavior of children with pervasive developmental disorder toward human faces: a fixation time study. *Journal of Child Psychology and Psychiatry* 43, 1-11.
- Varela F. 1979. *Principles of biological autonomy*. New York: North Holland.
- Varela F., Thompson E. and Rosch E. 1991. *The Embodied Mind: Cognitive Science and Human Experience*. Cambridge: MIT Press.
- Vicera S. and Johnson M. 1995. Gaze detection and the cortical processing of faces: evidence from infants and adults. *Visual Cognition* 2, 59-87.
- Vinden P.
1996. Junin Quechua Children's Understanding of Mind. *Child Development* 67, 1707-16.
1999. Children's Understanding of Mind and Emotion: A Multi-Culture Study. *Cognition and Emotion* 13, 19-48.

References

2002. Understanding Minds and Evidence for Belief: A Study of Mofu Children in Cameroon. *International Journal of Behavioral Development* 26, 445-52.
- Vogeley K., Bussfeld P., Newen A., Herrmann S., Happé F., Falkai P., Maier W., Shah N.J., Fink G.R. and Zilles K. 2001. Mind reading: neural mechanisms of theory of mind and self-perspective. *NeuroImage* 14, 170–81.
- Walker A.S. 1982. Intermodal perception of expressive behaviors by human infants. *Journal of Experimental Child Psychology* 33, 514-35.
- Watson J.B. 1913. Psychology as the Behaviorist views it. *Psychological Review* 20, 158-77.
- Wegner D.M.
2002. *The Illusion of Conscious Will*. Cambridge: MIT Press.
2003. The mind's best trick: how we experience conscious will. *Trends in Cognitive Sciences* 7, 65-9.
2005. Who is the controller of controlled processes? In Hassin R.R., Uleman J.S. and Bargh J.A. (eds.) *The new unconscious* (19-36) New York: Oxford University Press.
- Wellman H.M. 1990. *The Child's Theory of Mind*. Cambridge MA: MIT Press.
- Wellman H.M. and Phillips A. 2001. Developing intentional understandings. In Malle B., Moses L.J. and Baldwin D.A. (eds.) *Intentions and intentionality* (125-48) Cambridge MA: MIT Press.
- Wellman H.M. and Woolley J.D. 1990. From simple desires to ordinary beliefs: The early development of everyday psychology. *Cognition* 35, 245-75.
- Wicker B., Keysers C., Plailly J., Royet J.P., Gallese V. and Rizzolatti G. 2003. Both of us disgusted in my insula: the common neural basis of seeing and feeling disgust. *Neuron* 40, 655-64.
- Williams J.H.G., Whiten A., Suddendorf T. and Perrett D.I. 2001. Imitation, mirror neurons and autism. *Neuroscience and Biobehavioral Reviews* 25, 287-95.
- Wilson T.D. 2002. *Strangers to Ourselves: Discovering the Adaptive Unconscious*. Cambridge MA: Harvard University Press.
- Wimmer H. and Perner J. 1983. Beliefs about Beliefs: Representation and Constraining Function of Wrong Beliefs in Young Children's Understanding of Deception. *Cognition* 13, 103-28.

References

- Wimmer H., Hogrefe J. and Sodian B. 1988. A Second Stage in Children's Conception of Mental Life: Understanding Informational Access as Origins of Knowledge and Belief. In Astington J.W., Harris P.L. and Olson D.R. (eds.) *Developing Theories of Mind* (173-92) Cambridge: Cambridge University Press.
- Wittgenstein L. 1953. *Philosophical Investigations*. Oxford: Blackwell.
- Wolpert D.M., Ghahramani Z. and Flanagan J.R. 2001. Perspectives and problems in motor learning. *Trends in Cognitive Sciences* 5, 487-94.
- Woodward J. 1984. A Theory of Singular Causal Explanation. *Erkenntnis* 21, 231-62.
- Woodward A.L.
1998. Infants selectively encode the goal object of an actor's reach. *Cognition* 69, 1-34.
2005. The infant origins of intentional understanding. In Kail R.V. (ed.) *Advances in Child Development and Behavior* (229-62) Oxford: Elsevier.
- Youngblade L.M. and Dunn J. 1995. Individual Differences in Young Children's Pretend Play with Mother and Sibling: Links to Relationships and Understanding of Other People's Feelings and Beliefs. *Child Development* 66, 1472-92.
- Zahavi D. 2001. Beyond empathy: phenomenological approaches to intersubjectivity. *Journal of Consciousness Studies* 8, 151-67.
- Zimmerman A. 2007. The Nature of Belief. *Journal of Consciousness Studies* 14, 61-82.

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