

***Embodied Cognition and Industrial Crafts  
Bibliography (d2).***

*Assembled by Tom Fisher and Simon Penny*

Baber, Chris, Tony Chemero, Jamie Hall. (2017) What the Jeweller's Hand Tells the Jeweller's Brain: Tool Use, Creativity and Embodied Cognition. *Philosophy & Technology*, (20171129): 1-20

Bateson, Gregory. (1972) *Steps to an Ecology of Mind*. University of Chicago Press

Brown, Liane, Robert Doole, Nicole Malfait. *The Role of Motor Learning in Spatial Adaptation near a Tool*. PLoS ONE 6(12): e28999

Dewey, J. (1925). *Experience and Nature*. Open Court Publishing Company, Chicago and London. Revised edn. 1929.

Dreyfus, Stuart and Hubert Dreyfus. *A Five stage model of the mental activities involved in skill acquisition*. Operations Research Center, U.C Berkeley, 1980.

Felkin, W. (1867). *A History of the Machine Wrought Hosiery and Lace Manufacturers*. Longmans, Green and Company.

Fisher, Tom. ...

xxxx., and Botticello, J., (2016). 'Machine-made lace, the co-production of knowledge and the spaces of skilled practice', *Cultural Geographies*, 25, 1: 46-69. DOI: 10.1177/1474474016680106

Goodrich, C.L. and F.A. Stanley. *Accurate Tool Work*. McGraw Hill 1907

Groth, C. (2017) *Making sense through hands*, Aalto University

Heidegger., Martin. *Being and Time* (1927) Albany, N.Y. State University of New York Press 2010

Holmes, Nicholas P., Daniel Sanabria, Gemma A. Calvert, Charles Spence. *Tool-use: Capturing multisensory spatial attention or extending multisensory peripersonal space? Cortex*. 2007 April; 43(3): 469–489.

Hutchins, Edwin. (1995) *Cognition in the Wild*. Cambridge, Mass.: MIT Press.

Hutchins, Edwin. *Imagining the Cognitive Life of Things*. (2006). Lambros Malafouris, and Colin Renfrew (eds) *Cognitive Life of Things: Recasting the Boundaries of the Mind*. McDonald Institute for Archaeological Research.

Hutchins, Edwin. *Cognitive Ecology*. *Topics in Cognitive Science* ,2 (2010) 705–715

Hodder, Ian. *Entangled: an archaeology of the relationships between humans and things*, John Wiley, Chichester, 2012

Gibson, James. (1979). *The Ecological Approach to Visual Perception*. Boston: Houghton Mifflin.

Ingold, Timothy. *Making: Anthropology, Archaeology, Art and Architecture*, Routledge 2013.

James, William (1910) *The principles of psychology*, 2 vols, New York, Henry Holt and Company

Kirsh, David. and Paul Maglio. (1995) On Distinguishing Epistemic from Pragmatic Actions. *Cognitive Science*. 18, 513-549

Latour, Bruno, 'The Berlin Key, or How to Do Words with Things', in Paul Graves-Brown (ed), *Matter, Materiality and Modern Culture*, pp 10 – 21, Routledge, London, 2000.

Leroi-Gourhan, Andre. *Gesture and Speech*. MIT Press 1993.

Malafouris, Lambros. (2004) "The Cognitive Basis of Material Engagement: Where Brain, Body and Culture Conflate." DeMarrais, Elizabeth, et al., eds. *Rethinking Materiality: The Engagement of Mind with the Material World*. Cambridge: McDonald Institute for Archaeological Research. 53-62.

Marchand, Trevor H.J. Embodied cognition and communication: studies with British fine woodworkers. *Journal of the Royal Anthropological Institute (N.S.)*, S100-S120

Maravita, Angelo and Atsushi Iriki. Tools for the body (schema). *TRENDS in Cognitive Sciences* Vol.8 No.2 February 2004 Elsevier.

Martel, Marie Lucilla Cardinali, Alice C. Roy, Alessandro Farnè. Tool-use: An open window into body representation and its plasticity. *COGNITIVE NEUROPSYCHOLOGY*, 2016, VOL. 33, NOS. 1–2, 82–101

Merleau Ponty, Maurice. *Phenomenology of Perception*, (1965) Routledge and Kegan Paul. 2002

Moore, Wayne. *Foundations of Mechanical Accuracy*. Moore Special Tool Company, Bridgeport Conn, 1970

Nimkulrat, N. (2012). Hands-on intellect: Integrating craft practice into design research. *International Journal of Design*, 6(3), 1-14.

Osuriak, Francois, Christoph Jarry, Didier Le Gall. Grasping the Affordances, Understanding the Reasoning: Toward a Dialectical Theory of Human Tool Use. *Psychological Review* 117(2):517-40, March 2010

Penny, Simon. *Making Sense: Computing, Cognition, Art and Embodiment*. MIT Press. 2017.

Polanyi. Michael. (1966). *The Tacit Dimension*. Garden City, N.Y., Doubleday.

Polanyi, Michael, *Personal Knowledge: towards a post-critical philosophy*, Routledge, London, 2002 (1958/62)

Piper, A. (2016). 'Code, recode, decode: Constructing, deconstructing and reconstructing knowledge through making'. In P. Lloyd & E. Bohemia (eds). *Proceedings of DRS2016: Design+Research+Society – Future-Focused Thinking*, Volume 7, pp 2959-2963 DOI: 10.21606/drs.2016.415.

Piper, A. and Townsend, K. (2015). 'Crafting the composite garment: the role of hand weaving in digital creation'. *Journal of Textile Research and Practice*. 3, (1-2): 3-26.

Ryle, Gilbert. (1949) *The concept of mind*. University of Chicago Press.

Samuel, Raphael. (1977). 'The workshop of the world: steam power and hand technology in mid-Victorian Britain'. *History Workshop Journal*, 3.

Shapiro, Lawrence, *Embodied Cognition*, Routledge, Abingdon, 2011.

Simondon, Gilbert. *On the Mode of Existence of Technical Objects*. (Trans Cecile Malaspina and John Rogove). University of Minnesota Press, 2016.

Suchman, Lucille Alice. (1987) *Plans and Situated Actions: The Problem of Human-Machine Communication*, 2nd ed. (Cambridge. Cambridge University Press.

Vaesen Krist. The cognitive bases of human tool use. *Behavioral and Brain Sciences* Vol 35:4, 2012

Varela, Francisco, Evan Thompson and Eleanore Rosch. (1992) *The Embodied Mind: cognitive science and human experience*. MIT Press.

Vygotsky, Lev. *Mind and Society*. Trans - Andy Blunden and Nate Schmolze. Harvard University Press 1930.

Whitworth, Joseph. *Miscellaneous Papers on Mechanical Subjects*. Longmans, Brown, Green, Longmans and Roberts, Manchester 1858

Wilson, Frank R. *The Hand: how its use shapes the brain, language and human culture*, Pantheon Books, New York, 1998

Woelert, Peter. Tool use and the human mind: From basic to materially mediated operative intentionality *Cognitive Semiotics* vol7issue2 De Gruyter 2014.