

## DAFTAR PUSTAKA

- Angner, E., & Loewenstein, G. (2012). Behavioral economics. In *Philosophy of Economics* (641-690). Elsevier B. V.
- Arenhart, J. R. B., & Arroyo, R. W. (2021). The spectrum of metametaphysics: Mapping the state of art in scientific metaphysics. *Veritas*, 66(1), 1-21.
- Bazzoni, A. (2015). On the concepts of function and dependence. *Principia: an international journal of epistemology*, 19(1), 1-15.
- Benacerraf, P. (1965). What numbers could not be. *The Philosophical Review*, 74(1), 47-73.
- Benacerraf, P. (1973). Mathematical truth. *The Journal of Philosophy*, 70(19), 661-679.
- Bennett, C. (1990). How to define complexity in physics, and why. In W. Zurek (Ed.), *Complexity, Entropy and the Physics of Information* (Boulder: Westview), 137-48.
- Berenstain, N., & Ladyman, J. (2012). Ontic structural realism and modality. In *Structural Realism: Structure, object, and causality* (Dordrecht: Springer Netherlands), 149-168.
- Brown, R., & Ladyman, J. (2009). Physicalism, supervenience and the fundamental level. *The Philosophical Quarterly*, 59(234), 20-38.
- Bryant, A. (2020). Keep the chickens cooped: The epistemic inadequacy of free range metaphysics. *Synthese*, 197(5), 1867-1887.
- Camerer, C., Loewenstein, G., & Prelec, D. (2005). Neuroeconomics: How

- neuroscience can inform economics. *Journal of Economic Literature*, 43(1), 9-64.
- Cartwright, N. (1983). *How the Laws of Physics Lie*. Oxford University Press.
- Cartwright, N. (1989). *Nature's Capacities and their Measurement*. Oxford University Press.
- Cartwright, N. (1999). *The Dappled World: A study of the boundaries of science*. Cambridge University Press.
- Churchland, P. M. (1979). *Scientific Realism and the Plasticity of Mind*. Cambridge University Press.
- Chomsky, N. (1959). Review of skinner's verbal behavior. *Language*, 35(1), 26-58.
- Clark, A. (1997). *Being There: Putting Brain, Body, and World Together Again*. MIT press.
- Collier, J. (1988). Supervenience and reduction in biological hierarchies. *Canadian Journal of Philosophy Supplementary*, 14, 209-34.
- Cummins, R. (1975). Functional Analysis. *Journal of Philosophy* 72(20), 741-764
- Dennett, D. C. (1969). *Content and Consciousness*. Routledge.
- Dennett, D. C. (1971). Intentional systems. *The Journal of Philosophy*, 68(4), 87-106.
- Dennett, D. C. (1981). Why the law of effect will not go away. In Denett, D. C., *Brainstorms: Philosophical Essays on Mind and Psychology* (MIT Press), 70-89.
- Dennett, D. C. (1983). Intentional systems in cognitive ethology: The "Panglossian

paradigm” defended. *Behavioral and Brain Sciences*, 6(3), 343-355.

Dennett, D. C. (1986). The Logical Geography of Computational Approaches: a View from the East Pole. In R. Harnish and M. Brand (Eds.), *The Representation of Knowledge and Belief* (University of Arizona Press), 59-79.

Dennett, D. C. (1987). *The Intentional Stance*. Boston: MIT press.

Dennett, D. C. (1988). Précis of the intentional stance. *Behavioral and brain sciences*, 11(3), 495-505.

Dennett, D. C. (1991a). *Consciousness Explained*. Penguin UK.

Dennett, D. C. (1991b). Real Patterns. *The Journal of Philosophy*, 88(1), 27-51.

Dennett, D. C. (1994). Daniel Dennett. In Guttenplan, S. (Ed.), *A Companion to the Philosophy of Mind* (Oxford: Blackwell), 236-243.

Dennett, D. C. (1995a). Cognitive science as reverse engineering several meanings of “Top-down” and “Bottom-up”. In *Studies in Logic and the Foundations of Mathematics* (Vol. 134, pp. 679-689). Elsevier.

Dennett, D. C. (1995b). *Darwin's Dangerous Idea*. Penguin UK.

Dennett, D. C. (1998). Cognitive wheels: The frame problem of AI. In Dennett, D. C., *Brainchildren: Essays on Designing Minds* (MIT Press), 181-206.

Dennett, D. C. (2000). With a Little Help from My Friends. In Ross, D., Brook, A., & Thompson, D. (Eds.), *Dennett's Philosophy: A Comprehensive Assessment* (MIT Press), 327-388.

Dennett, D. C. (2005). *Sweet Dreams: Philosophical Obstacles to a Science of Consciousness*. Boston: MIT press.

Dennett, D. C. (2009). Intentional systems theory. In McLaughlin, B., Beckermann,

- A., & Walter, S. (Eds.), *The Oxford Handbook of Philosophy of Mind* (Oxford University Press),
- Dennett, D. C. (2013). Kind of Things—Towards a Bestiary of the Manifest Image. In Ross, D., Ladyman, J., & Kincaid, H. (Eds.), *Scientific Metaphysics* (Oxford University Press), 96-107.
- Dennett, D. C. (2017a). A history of qualia. *Topoi*, 39(1), 5-12.
- Dennett, D. C. (2017b). *From Bacteria to Bach and Back: The Evolution of Minds*. WW Norton & Company.
- Duhem, P. (1906). *The aim and structure of physical theory*. Princeton: Princeton University Press.
- Elster, J. (1989). *Nuts and Bolts for the Social Sciences*. Cambridge: Cambridge University Press.
- English, J. (1973). Underdetermination: Craig and Ramsey. *The Journal of Philosophy*, 70(14), 453-462.
- Fodor, J. A. (1975). *The Language of Thought*. Hassocks: Harvester Press.
- Fodor, J. (1980). Methodological solipsism considered as a research strategy in cognitive science. *Behavioral and Brain Sciences* 3: 63–73.
- French, S. (2014). *The Structure of the World: Metaphysics and representation*. Oxford University Press, USA.
- French, S., & Ladyman, J. (2003). Remodelling structural realism: Quantum physics and the metaphysics of structure. *Synthese*, 136, 31-56.
- French, S., & McKenzie, K. (2012). Thinking outside the toolbox: Towards a more productive engagement between metaphysics and philosophy of physics.

*European journal of analytic philosophy*, 8(1), 42-59.

French, S., & McKenzie, K. (2016). Rethinking Outside the Toolbox: Reflecting Again on the Relationship between Philosophy of Science and Metaphysics. In Bigaj, T. & Wüthrich, C. (ed.), *Metaphysics in contemporary physics* (Leiden: Brill Rodopi), 25-54.

French, S., & Redhead, M. (1988). Quantum physics and the identity of indiscernibles. *The British Journal for the Philosophy of Science*, 39(2), 233-246.

Gintis, H. (2004). Towards the unity of the human behavioral sciences. *Politics, Philosophy & Economics*, 3(1), 37-57.

Godfrey-Smith, P. (1993). Functions: Consensus without unity. *Pacific Philosophy Quarterly*, 74, 196-208.

Godfrey-Smith, P. (2001). Three kinds of adaptationism. In Orzack, S. H., & Sober, E. (Eds.), *Adaptationism and Optimality* (Cambridge: Cambridge University Press), 335-357.

Goetz, A. T., Shackelford, T. K., & Platek, S. M. (2009). *Introduction to evolutionary psychology: A Darwinian approach to human behavior and cognition*. In Platek, S. M. & Shackelford, T. K. (Eds.), *Foundations in evolutionary cognitive neuroscience* (Cambridge: Cambridge University Press), 1-21.

Gould, S. J. & Lewontin, R. (1979). *The Spandrels of San Marco and the Panglossian Paradigm: A Critique of the Adaptationist Programme*. *Proceedings of the Royal Society*, B205, 581-98.

- Grayot, J. D. (2022). Economic agency and the subpersonal turn in economics. In *The Routledge Handbook of the Philosophy of Economics* (Routledge), 83-95.
- Grayot, J. (2017). The quasi-economic agency of human selves. *OEconomia. History, Methodology, Philosophy*, 7(4), 481-511.
- Guay, A., & Pradeu, T. (2020). Right out of the box: How to situate metaphysics of science in relation to other metaphysical approaches. *Synthese*, 197(5), 1847-1866.
- Guala, F. (2016). Philosophy of the Social Sciences: Naturalism and Anti-naturalism in the Philosophy of Social Science. In Humphreys, P. (Ed.), *The Oxford Handbook of Philosophy of Science* (Oxford University Press), 43-64.
- Hacking, I. (1990). *The Taming of Chance*. Cambridge: Cambridge University Press.
- Harrison, G., & Ross, D. (2010). The methodologies of neuroeconomics. *Journal of Economic Methodology*, 17(2), 185-196.
- Harrison, G. W., & Ross, D. (2023). Behavioral welfare economics and the quantitative intentional stance. In *Models of Risk Preferences: Descriptive and Normative Challenges* (Emerald Publishing Limited), 7-67.
- Hempel, C.G. and P. Oppenheim (1948). Studies in the Logic of Explanation. *Philosophy of Science*, 15, 135-75.
- Hempel, C. G. (1963). *Implications of Carnap's work for the philosophy of science*. In Paul Arthur Schilpp (ed.), *The philosophy of Rudolf Carnap* (Open Court), 685-709.
- Hempel, C. G. (1973). Rudolf Carnap, logical empiricist. *Synthese*, 256-268.

- Hufendiek, R., James, D., & van Riel, R. (2020). Introduction. In Hufendiek, R., James, D., & van Riel, R. (ed.) *Social Functions in Philosophy* (Routledge), 1-16.
- Hume, D. (1740 [1978]). *A Treatise of Human Nature*. Oxford University Press.
- Jones, C. G., Lawton, J. H., & Shachak, M. (1994). Organisms as Ecosystem Engineers. *Oikos* 69: 373–86.
- Kincaid, H. (2007). Functional explanation and evolutionary social science. In *Philosophy of Anthropology and Sociology* (North Holland: Elsevier B.V.), 213-247.
- Kincaid, H. (2012). Introduction: Doing Philosophy of the Social Sciences. In H. Kincaid (ed.), *The Oxford Handbook of Philosophy of Social Science* (Oxford University Press), 3– 20.
- Kincaid, H. (2013). Introduction: Pursuing a naturalist metaphysics. In Ross, D., Ladyman, J., & Kincaid, H. (Eds.), *Scientific Metaphysics* (Oxford University Press), 1-26.
- Kincaid, H. (1996). *Philosophical Foundations of the Social Sciences: Analyzing controversies in social research*. Cambridge University Press.
- Kincaid, H. (1997). *Individualism and the Unity of Science*. Lanham, MD: Rowman and Littlefield.
- Kincaid, H. (2004). There are laws in the social sciences. In C. Hitchcock (Ed.), *Contemporary Debates in Philosophy of Science* (Oxford: Blackwell), 168–85.
- Kincaid, H. (2020). The Empirical Issues in Functional Explanations in the Social Sciences. In Hufendiek, R., James, D., & van Riel, R. (ed.) *Social Functions in*

*Philosophy* (Routledge), 18-27.

Kleiner, I. (1989). Evolution of the function concept: A brief survey. *The College Mathematics Journal*, 20(4), 282-300.

Knox, E., & Wallace, D. (2023). Functionalism Fit for Physics. Unpublished manuscript. Available at <http://philsci-archive.pitt.edu>

Ladyman, J. (1998). What is structural realism?. *Studies in History and Philosophy of Science Part A*, 29(3), 409-424.

Ladyman, J. (2000). What's really wrong with constructive empiricism? Van Fraassen and the metaphysics of modality. *The British Journal for the Philosophy of Science*, 51(4), 837-856.

Ladyman, J. (2002). *Understanding Philosophy of Science*. Routledge.

Ladyman, J. (2007). Scientific structuralism: On the identity and diversity of objects in a structure. In *Aristotelian Society Supplementary Volume* (Vol. 81, No. 1, 23-43). Oxford: Blackwell Publishing Ltd.

Ladyman, J. (2012). Science, metaphysics and method. *Philosophical Studies*, 160, 31-51.

Ladyman, J. (2017). An Apology for Naturalized Metaphysics. In Slater, M. H., & Yudell, Z. (Eds.), *Metaphysics and the Philosophy of Science: New Essays* (Oxford University Press), 141-162.

Ladyman, J., & Ross, D. (2007). *Every Thing Must Go: Metaphysics Naturalized*. Oxford University Press.

Ladyman, J., & Ross, D. (2013). The World in Data. In Ross, D., Ladyman, J., & Kincaid, H. (Eds.), *Scientific Metaphysics* (Oxford University Press), 108-150.



- Lakoff, G. (1987) *Women, Fire and Dangerous Things*. Chicago: University of Chicago Press.
- Lakoff, G. and Johnson, M. (1980) *Metaphors We Live By*. Chicago: University of Chicago Press.
- Laudan, L. (1981). A confutation of convergent realism. *Philosophy of science*, 48(1), 19-49.
- Lewis, D. (1972). Psychophysical and theoretical identifications. *Australasian Journal of Philosophy*, 50(3), 249–258.
- Lewis, D. 1980. Mad pain and Martian pain. In Block, Ned (ed), *Readings in the Philosophy of Psychology* (Harvard University Press), 216-222.
- McLaughlin, P. (2000). *What Functions Explain: Functional Explanation and Self-Reproducing Systems*. Cambridge: Cambridge University Press.
- McKenzie, K. (2020). Science-guided metaphysics. In *The Routledge Handbook of Metametaphysics* (Routledge), 435-446.
- Millhouse, T. (2021). Compressibility and the Reality of Patterns. *Philosophy of Science*, 88(1), 22-43.
- Montague, M. (2010). Recent work on intentionality. *Analysis*, 70(4), 765-782.
- Muñoz-Suárez, C. (2015). Introduction: Bringing Together Mind, Behavior, and Evolution. In Muñoz-Suárez, C., & De Brigard, F. (Eds.), *Content and Consciousness Revisited: With Replies by Daniel Dennett* (Springer), 1-28.
- Neander, K. (1991). The teleological notion of ‘function’. *Australasian journal of philosophy*, 69(4), 454-468.
- Newman, M. H. A. (1928). Mr Russell’s causal theory of perception. *Mind*, 37,

137–48.

Odling-Smee, F. J., Laland, K. N., & Feldman, M. W. (2003). *Niche Construction: The Neglected Process in Evolution*. Princeton: Princeton University Press.

Psillos, S. (2005). *Scientific Realism: How science tracks truth*. Routledge.

Putnam, H. (1975). *Mathematics, Matter and Method*. Cambridge: Cambridge University Press.

Quine, W. V. (1950). Identity, ostension, and hypostasis. *The Journal of Philosophy*, 47(22), 621-633.

Quine, W. V. (1960). *Word and Object*. Cambridge: The MIT Press.

Reck, E.H., & Price, M.P. (2000). Structures and Structuralism in Contemporary Philosophy of Mathematics. *Synthese*, 125(3): 341–83.

Robbins, L. (1935). *An Essay on the Nature and Significance of Economic Science*. London: Macmillan.

Rosenberg, A. (2017). Functionalism. In McIntyre, L. C., & Rosenberg, A. (ed.), *The Routledge Companion to Philosophy of Social Science* (Routledge), 147-158.

Ross, D. (1994). Dennett's conceptual reform. *Behavior and Philosophy*, 22(1), 41-52.

Ross, D. (1999). The philosophy of science at the turn of the millenium. *South African Journal of Philosophy*, 18(2), 91-99.

Ross, D. (2000). Rainforest realism: A Dennettian theory of existence. In Ross, D., Brook, A., & Thompson, D. (Eds.), *Dennett's Philosophy: A Comprehensive Assessment* (MIT Press), 147-168.

- Ross, D. (2002). Dennettian Behavioural Explanations and the Roles of the Social Sciences. In B. Andrew, D. Ross (ed.), *Daniel Dennett* (Cambridge University Press), 140-186.
- Ross, D. (2005). *Economic Theory and Cognitive Science: Microexplanation*. MIT press.
- Ross, D. (2006). The economic and evolutionary basis of selves. *Cognitive Systems Research*, 7(2-3), 246-258.
- Ross, D. (2008). Two styles of neuroeconomics. *Economics & Philosophy*, 24(3), 473-483.
- Ross, D. (2009). Integrating the dynamics of multiscale economic agency. In *Oxford Handbook of Philosophy of Economics* (245-279). Oxford University Press.
- Ross, D. (2011a). Estranged parents and a schizophrenic child: choice in economics, psychology and neuroeconomics. *Journal of Economic Methodology*, 18(3), 217-231.
- Ross, D. (2011b). Neuroeconomics and economic methodology. In *The Elgar companion to recent economic methodology* (Edward Elgar Publishing), 61-93.
- Ross, D. (2011c). Naturalism: the place of society in nature. In Jarvie and Zamora Bonilla (Eds.), *Sage Handbook of Philosophy of Social Science* (Sage), 121-136.
- Ross, D. (2012a). *Foundations of Neuroeconomic Analysis*, Paul W. Glimcher. Oxford University Press, New York (2010). XX+467 pp., \$69.95 (hc), ISBN:

9780199744251 (hc). *Journal of Economic Psychology*, 33(1): 248-250.

Ross, D. (2012b). The economic agent: not human, but important. In *Philosophy of Economics* (North Holland: Elsevier B. V), 641-690.

Ross, D. (2015). A most rare achievement: Dennett's scientific discovery in Content and Consciousness. In Muñoz-Suárez, C., & De Brigard, F. (Eds.), *Content and Consciousness Revisited: With Replies by Daniel Dennett* (Springer), 29-48.

Ross, D. (2016a). Neoclassicism forever. In Morgan J. (ed.), *What is Neoclassical Economics?* (Routledge), 255-272.

Ross, D. (2016b). Vikings or normans? The radicalism of naturalized metaphysics. *Metaphysica*, 17(2), 213-227.

Ross, D. (2017). Economics and Allegations of Scientism. In Boudry, M., & Pigliucci, M. (ed.), *Science Unlimited? The Challenges of Scientism* (University of Chicago Press), 225-244.

Ross, D. (2018, 24 October). *The elephant as a person: Elephants might have the necessary capacities for personhood – we just need to help them acquire the cognitive scaffolding*. Aeon. <https://aeon.co/essays/if-elephants-arent-persons-yet-could-they-be-one-day>

Ross, D. (2019). Consciousness, language, and the possibility of non-human personhood: Reflections on elephants. *Journal of Consciousness Studies*, 26(3-4), 227-251.

Ross, D. (2022). Economics is converging with sociology but not with psychology. *Journal of Economic Methodology*, 30(2), 135-156.

- Ross, D. (2023a). A Flexible, Sloppy Blob? Ontology, AI, and the Role of Metaphysics. *American Philosophical Quarterly*, 60(1), 5-19.
- Ross, D. (2023b). Scientific metaphysics and social science. *Synthese*, 202(5), 14
- Ross, D. & Kincaid, H. (2009). Introduction: The New Philosophy of Economics. In Ross, D. & Kincaid, H. (ed.), Kincaid, *The Oxford handbook of philosophy of economics* (Oxford University Press), 3-32.
- Ross, D., Ladyman, J., & Kincaid, H. (Eds.). (2013). *Scientific Metaphysics*. Oxford University Press.
- Russell, B. (1913). On the notion of cause. In B. Russell, *Mysticism and Logic* (London: Unwin), 173–99.
- Salmon, W. C. (1984). *Scientific Explanation and the Causal Structure of the World*. Princeton University Press.
- Schaffer, J. (2010). Monism: The priority of the whole. *Philosophical review*, 119(1), 31-76.
- Searle, J. R. (1982). The Chinese room revisited. *Behavioral and brain sciences*, 5(2), 345-348.
- Searle, J. R. (1995). *The Construction of Social Reality*. Simon and Schuster.
- Searle, J. R. (2009). Language and Social Ontology. In C. Mantzavinos (ed.), *Philosophy of the Social Sciences* (Cambridge: Cambridge University Press), 9– 27.
- Sellars, W. (1963 [1991]). *Science, Perception and Reality*. Ridgeview Publishing.
- Shapiro, S. (1997). *Philosophy of mathematics: Structure and ontology*. Oxford University Press.

- Shoemaker, S. (1994). Introspection. In Guttenplan, S. (Ed.), *A Companion to the Philosophy of Mind* (Oxford: Blackwell), 395-400.
- Smith, D. L. (2017). Naturalism. In McIntyre, L. C., & Rosenberg, A. (ed.), *The Routledge companion to philosophy of social science* (Routledge), 159-168.
- Smith, V. L. (2007). *Rationality in economics: Constructivist and ecological forms*. Cambridge University Press.
- Sterelny, K. (2003). *Thought in a Hostile World: The Evolution of Human Cognition*. Willey Blackwell.
- Sterelny, K. (2010). Minds: extended or scaffolded?. *Phenomenology and the Cognitive Sciences*, 9(4), 465-481.
- Supelli, K. (2013). Bingkai Kurus Realisme Struktural Epistemik. *DISKURSUS-JURNAL FILSAFAT DAN TEOLOGI STF DRIYARKARA*, 12(2), 153-190.
- Van Fraassen, B. C. (1980). *The Scientific Image*. Oxford: Oxford University Press.
- Wallace, D. (2001). *Implications of quantum theory in the foundations of statistical mechanics*. Unpublished manuscript. Available at <http://philsci-archive.pitt.edu>
- Wright, L. (1973). Function. *Philosophical Review*, 82(2), 139-168.
- Wright, L. (1976). *Teleological Explanations: An etiological analysis of goals and functions*. University of California Press.
- Worrall, J. (1989). Structural realism: The best of both worlds?. *Dialectica*, 43(1-2), 99-124.
- Zawidzki, T. W. (2013). *Mindshaping: A new framework for understanding human social cognition*. MIT Press.