

DAFTAR PUSTAKA

- Ainsworth, Peter Mark. 2009. "Newman's Objection" dalam *The British Journal for the Philosophy of Science*, Vol. 60, No. 1. Hal. 135-171.
- _____. 2010. "What is Ontic Structural Realism?" dalam *Studies in History and Philosophy of Modern Physics*, Vol. 41. Hal. 50-57.
- Bain, Jonathan. 2004. "Theories of Newtonian Gravity and Empirical Indistinguishability" dalam *Studies in History and Philosophy of Modern Physics*, Vol. 35. Hal. 345-376.
- Balzer, Wolfgang, C. Ulises Moulines, dan Joseph D. Sneed. 1987. *An Architectonic for Science: the Structuralist Program*. Reidel: Springer, Dordrecht.
- Bakker, Anton dan A. C. Zubair. 2013. *Metode Penelitian Filsafat*. Yogyakarta: Kanisius.
- Benacerraf, Paul. 1965. "What Numbers Could Not Be" dalam Paul Benacerraf dan Hilary Putnam (ed.), *Philosophy of Mathematics*. New York: Cambridge University Press. Hal. 272-294.
- Bennett, Karen. 2017. *Making Things Up*. Oxford: Oxford University Press.
- Berto, Francesco dan Matteo Plebani. 2015. *Ontology and Metaontology*. London, New York: Bloomsbury.
- Bigaj, Tomasz dan Christian Wüthrich. 2016. "Introduction" dalam Tomasz Bigaj dan Christian Wüthrich (ed.), *Metaphysics in Contemporary Physics*. Leiden, Boston: Brill Rodopi.
- Bliss, Ricki dan Graham Priest (ed.). 2018. *Reality and Its Structure*. Oxford: Oxford University Press.
- _____. 2018a. "The Geography of Fundamentality: An Overview" dalam Ricki Bliss dan Graham Priest (ed.), *Reality and Its Structure*. Oxford: Oxford University Press. Hal. 1-36.
- _____. 2018b. "Metaphysical Dependence, East and West" dalam Steven M. Emmanuel (ed.), *Buddhist Philosophy*. Hoboken: Wiley Blackwell. Hal. 63-86.
- Bliss, Ricki dan J. T. M. Miller (ed.). 2021. *The Routledge Handbook of Metametaphysics*. Oxon: Routledge.

- _____. 2021. "Introduction: What is Metametaphysics?" dalam Ricki Bliss dan J. T. M. Miller (ed.), *The Routledge Handbook of Metametaphysics*. Oxon: Routledge. Hal. 1-10.
- Bliss, Ricki. 2021. "Fundamentality" dalam Ricki Bliss dan J. T. M. Miller (ed.), *The Routledge Handbook of Metametaphysics*. Oxon: Routledge. Hal. 211-221.
- Bokulich, Alisa dan Peter Bokulich. 2011. "Introduction to Scientific Structuralism" dalam Alisa Bokulich dan Peter Bokulich (ed.), *Scientific Structuralism*. Dordrecht, Heidelberg, London, New York: Springer. Hal. xi-xvii.
- Boolos, George S., dkk. 2007. *Computability and Logic*. Cambridge: Cambridge University Press.
- Brading, Katherine dan Elaine Landry. 2006. "Scientific Structuralism: Presentation and Representation" dalam *The Philosophy of Science Association*, Vol. 73. Hal. 571-581.
- Brading, Katherine dan Alexander Skiles. 2012. "Underdetermination as a Path to Structural Realism" dalam Elaine M. Landry dan Dean P. Rickles (ed.), *Structural Realism: Structure, Object, and Causality*. Dordrecht, Heidelberg, London, New York: Springer. Hal. 99-116.
- Bungin, Burhan. 2007. *Metode Penelitian Kualitatif*. Jakarta: Kencana Prenama Media.
- Callender, Craig. 2011. "Philosophy of Science and Metaphysics" dalam Steven French dan Juha Saatsi (ed.), *The Continuum Companion to Philosophy of Science*. London, New York: Continuum. Hal. 33-54.
- Cameron, R. P.. 2008. "Turtles All the Way Down: Regress, Priority and Fundamentality" dalam *Philosophical Quarterly*, Vol. 58 (230). Hal. 1-14.
- Cao, Tian Yu. 2006. "Structural Realism and Quantum Gravity" dalam Dean Rickles, dkk. (ed.), *The Structural Foundations of Quantum Gravity*. Oxford: Oxford University Press. Hal. 40-52.
- Cao, Tian Yu dan Silvan S. Schweber. 1993. "The Conceptual Foundations and the Philosophical Aspects of Renormalization Theory" dalam *Synthese*, Vol. 97. Hal. 33-108.
- Carnap, Rudolf. 1963. "Replies and Systematic Expositions" dalam P. A. Schilpp (ed.), *The Philosophy of Rudolf Carnap*. LaSalle: Open Court. Hal. 859-999.
- _____. 1963b. "Intellectual Autobiography" dalam P. A. Schilpp (ed.), *The Philosophy of Rudolf Carnap*. La Salle, IL: Open Court. Hal. 3-84.

- Cartwright, Nancy. 1999. *The Dappled World*. Cambridge: Cambridge University Press.
- Cassirer, Ernst. 1956. *Determinism and Indeterminism in Modern Physics*. New Haven: Yale University Press.
- _____. 1953. *Substance and Function and Einstein's Theory of Relativity*. New York: Dover Publishing.
- Chalmers, David. 2009. "Ontological Anti-Realism" dalam David Chalmers, dkk. (ed.), *Metametaphysics: New Essays on the Foundations of Ontology*. Oxford: Oxford University Press. Hal. 77-129.
- Chalmers, David, dkk. (ed.). 2009. *Metametaphysics: New Essays on the Foundations of Ontology*. Oxford: Oxford University Press.
- Crilly, T..1999. "The Emergence of Topological Dimension Theory" dalam I. M. James (ed.), *History of Topology*. Amsterdam: North-Holland. Hal. 1-25.
- Da Costa, Newton C. A. dan Steven French. 2003. *Science and Partial Truth*. Oxford, New York: Oxford University Press.
- Demopoulos, W dan M. Friedman, 1985, "Critical Notice: Bertrand Russell's The Analysis of Matter: Its Historical Context and Contemporary interest" dalam *Philosophy of Science*, Vol. 52. Hal. 621-639.
- deRosset, Louis. 2010. "Getting Priority Straight" dalam *Philosophical Study*, Vol. 149. Hal. 73-97.
- Dilworth, Craig. 2006. *The Metaphysics of Science*. Dordrecht: Springer.
- Dupre, John. 1993. *The Disorder of Things*. Cambridge, MA: Harvard University Press.
- Eddington, Arthur. 1920. "The Philosophical Aspect of the Theory of Relativity" dalam *Mind*, Vol. 29. Hal. 415-422.
- _____. 1928. *The Nature of the Physical World*. Cambridge: Cambridge University Press.
- _____. 1939. *The Philosophy of Physical Science*. New York: Macmillan.
- _____. 1941. "Discussion: Group Structure in Physical Science" dalam *Mind*, Vol. 50. Hal. 268-279.
- Eklund, Matti. 2013. "Carnap's Metaontology" dalam *Nous*, Vol. 47, No. 2. Hal. 229-249.

- Esfeld, Michael. 2004. "Quantum Entanglement and A Metaphysics of Relations" dalam *Studies in History dan Philosophy of Modern Physics*, Vol. 35. Hal. 601-617.
- Esfeld, Michael dan Vincent Lam. 2008. "Moderate Structural Realism about Space-time" dalam *Synthese*, Vol. 160. Hal. 27-46.
- _____. 2011. "Ontic Structural Realism as a Metaphysics of Objects" dalam Alisa Bokulich dan Peter Bokulich (ed.), *Scientific Structuralism*. Dordrecht, Heidelberg, London, New York: Springer. Hal. 143-160.
- Fine, Kit. 1994. "Essence and Modality" dalam *Philosophical Perspectives*, Vol. 8. Hal. 1-16.
- _____. 1995. "Ontological Dependency" dalam *Proceedings of the Aristotelian Society*, Vol. 95. Hal. 241-273.
- _____. 2001. "The Question of Realism" dalam *Philosopher's Imprint*, Vol. 1. Hal. 1-30.
- Floridi, Luciano. 2008. "A Defense of Informational Structural Realism" dalam *Synthese*, Vol. 161. Hal. 219-253.
- Forge, John. 2002. "Reflection On Structuralisme and Scientific Explanation" dalam *Synthese*, Vol. 130. Hal. 109-121.
- French, Steven. 1998. "On the Withering Away of Physical Objects" dalam Ellena Castellani (ed.), *Interpreting bodies: Classical and Quantum Objects in Modern Physics*. Princeton: Princeton University Press. Hal. 93-113.
- _____. 1999. "Models and Mathematics in Physics: the Role of Group Theory" dalam Jeremy Butterfield dan Constantine Pagonis (ed.), *From Physics to Philosophy*. Cambridge: Cambridge University Press. Hal. 187-207.
- _____. 2006. "Structure as A Weapon of the Realist" dalam *Proceedings of the Aristotelian Society*, Vol. 106. Hal. 169-187.
- _____. 2010. "The Interdependence of Object, Structure and Dependence" dalam *Synthese*, Vol. 175. Hal. 89-109.
- _____. 2014. *The Structure of the World: Metaphysics and Representation*. Oxford: Oxford University Press.
- _____. 2019, "What is This Thing Called Structure? (Rummaging in the Toolbox of Metaphysics for an Answer)" dalam konferensi *The Structure of Reality and the Reality of Structure* di Rotterdam.

- _____. 2022. "Fundamentality" dalam Eleanor Knox dan Alastair Wilson (ed.), *The Routledge Companion to Philosophy of Physics*. New York, London: Routledge. Hal. 879-688.
- French, Steven dan Décio Krause. 2006. *Identity in Physics: A Historical, Philosophical, and Formal Analysis*. Oxford: Clarendon Press.
- French, Steven dan James Ladyman. 2003a. "Remodelling Structural Realism: Quantum Physics and the Metaphysics of Structure" dalam *Synthese*, Vol. 136. Hal. 31-56.
- _____. 2003b. "The Dissolution of Objects: Between Platonism and Phenomenalism" dalam *Synthese*, Vol. 136. Hal. 73-77.
- _____. 2010. "The Interdependence of Objects, Structure, and Dependence" dalam *Synthese*, Vol. 175. Hal. 89-109.
- _____. 2011. "In Defence of Ontic Structural Realism" dalam Alisa Bokulich dan Peter Bokulich (ed.), *Scientific Structuralism*. Dordrecht, Heidelberg, London, New York: Springer. Hal. 25-42.
- French, Steven dan Juha Saatsi (ed.), *The Continuum Companion to Philosophy of Science*. London, New York: Continuum.
- French, Steven dan Michael Redhead. 1988. "Quantum Physics and the Identity of Indiscernibles" dalam *The British Journal of the Philosophy of Science*, Vol. 39. Hal. 233-246.
- Frigg, Roman dan Ioannis Votsis. 2011. "Everything You Always Wanted to Know about Structural Realism but were Afraid to Ask" dalam *European Journal for Philosophy of Science*, Vol. 1, No. 2. Hal. 227-276.
- Gibb, Sophie, Robin Findlay Hendry, dan Tom Lancaster (ed.), *The Routledge Handbook of Emergence*. Oxon, New York: Routledge.
- Heil, John. 2021. *Relations* (Elements in Metaphysics). Cambridge: Cambridge University Press.
- Harouny, Jonathan Egeland. 2015. "Metaontological Deflationism in the Aftermath of the Quine-Carnap Debate" dalam *Kriterion – Journal of Philosophy*, Vol. 29. Hal. 33-52.
- Heisenberg, Werner. 1975. "Development of Concepts in the History of Quantum Theory" dalam *American Journal of Physics*, Vol. 43. Hal. 389-394.
- Hoeltje, Miguel, Benjamin Schnieder, dan Alex Steinberg (ed.). 2013. *Varieties of Dependence: Ontological Dependence, Grounding, Supervenience, Response-Dependence*. Munich: Philosophia.
- Hodges, Wilfrid. 1997. *A Shorter Model Theory*. Cambridge: Cambridge University Press.
- Ihmig, Karol-Nobert. 1999. "Ernst Cassirer and the Structural Conception of Objects in Modern Science: The Importance of the "Erlanger Program"" dalam *Science in Context*, Vol. 12. Hal. 513-529.

- James, I.M. (ed.). 2006. *History of Topology*. Amsterdam: North-Holland.
- Jannes, Gil. 2009. "Some Comments on "The Mathematical Universe"" dalam *Foundations of Physics*, Vol. 39. Hal. 397-406.
- Jeevanjee, Nadir. 2011. *An Introduction to Tensors and Group Theory for Physicists*. New York, Dordrecht, Heidelberg, London: Springer.
- Kantorovich, Aharon. 2003. "The Priority of Internal Symmetries in Particle Physics" dalam *Studies in History and Philosophy of Modern Physics*, Vol. 34. Hal. 351-375.
- Ketland, Jeffrey. 2004. "Empirical Adequacy amd Ramsification" dalam *British Journal for the Philosophy of Science*, Vol. 55. Hal. 287-300.
- Kim, Jaegwon. 1993. "Supervenience as a Philosophical Concept" dalam Jaegwon Kim dan Ernest Sosa (ed.), *Supervenience and Mind: Selected Philosophical Essays*. Cambridge: Cambridge University Press. Hal. 131-160.
- Kim, Jaegwon dan Ernest Sosa (ed.). 1993. *Supervenience and Mind: Selected Philosophical Essays*. Cambridge: Cambridge University Press.
- _____. 1999. *Metaphysics: An Anthology*. Malden, Oxford, Carlton: Blackwell Publishing Ltd.
- _____. 2008. *Physicalism, or Something Near Enough*. Princeton: Princeton University Press.
- Knox, Eleanor dan Alastair Wilson (ed.), *The Routledge Companion to Philosophy of Physics*. New York, London: Routledge.
- Ladyman, James. 1998. "What is Structural Realism?" dalam *Study of History and Philosophy of Science*, Vol. 29, No. 3. Hal. 409-424.
- _____. 2001. "Science, Metaphysics, and Structural Realism" dalam *Philosophica*, Vol. 67. Hal. 57-76.
- _____. 2007. "Structural Realism" dalam *Stanford Encyclopaedia of Philosophy*. <<http://plato.stanford.edu>>.
- _____. 2012. "Science, Metaphysics and Method" dalam *Philosophical Studies: And International Journal for Philosophy in the Analytic Tradition*, Vol. 160, No. 1, Metaphysics and Science, Agustus 2012. Hal. 31-51.
- _____. 2018. "Introduction: Structuralist of the World Unite" dalam *Studies in History and Philosophy of Science*. <https://doi.org/10.1016/j.shpsa.2018.12.004>.
- Ladyman, James, Don Ross. 2007. *Every Thing Must Go*. Oxford: Oxford University Press.

- Landry, Elaine M. dan Dean P. Rickles (ed.), *Structural Realism: Structure, Object, and Causality*. Dordrecht, Heidelberg, London, New York: Springer.
- Laudan, Lary. 1981. *Science and Hypothesis*. Dordrecht: D. Reidel.
- Lowe, E. J.. 1998. *The Possibility of Metaphysics: Substanane, Identity, and Time*. Oxford: Oxford University Press.
- Massimi, Michela. 2011. "Structural Realism: A Neo-Kantian Perspective" dalam Alisa Bokulich dan Peter Bokulich (ed.), *Scientific Structuralism*. Dordrecht, Heidelberg, London, New York: Springer. Hal. 1-24.
- Maulana, Moh. Gema. 2019. *Representasi Ilmiah dalam Perspektif Ralisme Struktural Ontik*. Skripsi. Universitas Gadjah Mada. Yogyakarta.
- McKenzie, Kerry. 2011. "Arguing Against Fundamentality" dalam *Studies in History and Philosophy of Modern Physics*, Vol. 42. Hal. 244-255.
- _____. 2012. *Physics Without Fundamentality*. Disertasi. University of Leeds. Leeds.
- _____. 2014. "Priority and Particle Physics: Ontic Structural Realism as a Fundamentality Thesis" dalam *British Journal for the Philosophy of Science*, 65 (2). Hal. 353-380.
- _____. 2017. "Ontic Structural Realism" dalam *Philosophy Compass*, Vol. 12. Hal. e12399. <https://doi.org/10.1111/phc3.12399>.
- _____. 2019. "Fundamentality" dalam Sophie Gibb, Robin Findlay Hendry, dan Tom Lancaster (ed.), *The Routledge Handbook of Emergence*. Oxon, New York: Routledge. Hal. 54-64.
- _____. 2022. *Fundamentality and Grounding* (Elements in the Philosophy of Science). Cambridge: Cambridge University Press.
doi:10.1017/9781108657617.
- Morganti, Matteo. 2018. "The Structure of Physical Reality: Beyond Foundationalism" dalam Ricki Bliss dan Graham Priest (ed.), *Reality and Its Structure*. Oxford: Oxford University Press. Hal. 254-272.
- _____. 2019. "From Ontic Structural Realism to Metaphysical Coherentism" dalam *European Journal for Philosophy of Science* (9). Hal. 1-20. doi.org/10.1007/s13194-018-0233-5.
- _____. 2020. "Fundamentality in Metaphysics and the Philosophy of Physics. Part I: Metaphysics" dalam *Philosophy Compass* 15 (7). Hal. 1-10.
- _____. 2020a. "Fundamentality in Metaphysics and the Philosophy of Physics. Part II: the Philosophy of Physics" dalam *Philosophy Compass* 15 (10). Hal. 1-14.

- Newman, Mark. 1928. "Mr. Russell's "Causal Theory of Perception"" dalam *Mind*, Vol. 37. Hal. 26-43.
- _____. 2005. "Ramsey Sentence Realism as an Answer to the the Pessimistic Meta-Induction" dalam *Philosophy of Science*, Vol. 72, No. 5, *Proceedings of the 2004 Biennial Meeting of the Philosophy of Science Association Part I: Contributed Papers*. Hal. 1373-1384.
- Papineau, David. 1996. "Introduction" dalam David Papineau (ed.), *The Philosophy of Science*. Oxford: Oxford University Press. Hal. 1-20.
- Paul, L. A.. 2012. "Metaphysics as Modelling: the Handmaiden's tale" dalam *Philo Stud*, Vol. 160. Hal. 1-29.
- Plank, Max. 1992. "Die Einheit des physikalischen Weltbildes" dalam *Physikalisches Zeitschrift* 10 (1909). Hal 62-75. Seksi 4, diterjemahkan dalam Blackmore 1992.
- Poincaré, Henry. 1952. *Science and Hypothesis*. New York: Dover Publications.
- Price, Huw. 2009. "Metaphysics after Carnap: The Ghost Who Walks?" dalam David Chalmers, dkk. (ed.), *Metametaphysics: New Essays on the Foundations of Ontology*. Oxford: Oxford University Press. Hal. 320-346.
- Psillos, Stathis. 2001. "Is Structural Realism Possible?" dalam *Philosophy of Science* Vol. 68. Hal. S13-S24.
- _____. 2009. *Knowing the Structure of Nature*. New York: Palgrave Macmillan.
- Putnam, Hilary. 1975. *Mathematics, Matter and Method*. Cambridge: Cambridge University Press.
- Quine, W. V. O.. 1951. "Two Dogmas of Empiricism" dalam *The Philosophical Review*, Vol. 60. Hal. 20-43.
- _____. 1999. "On What There Is" dalam Jaegwon Kim dan Ernest Sosa (ed.), *Metaphysics: An Anthology*. Malden, Oxford, Carlton: Blackwell Publishing Ltd. Hal. 4-12.
- Raven, Michael J.. 2015. "Fundamentality without Foundations" dalam *Philosophy and Phenomenological Research*. doi:10.1111/phpr.12200.
- Redhead, M. L. G.. 2001. "The Intelligibility of the Universe", dalam O'Hear (ed.). Hal. 73-90.
- Rudolph, Enno. 1994. "Substance as Function: Ernst Cassirer's Interpretation of Leibniz as Criticism of Kant" dalam Enno Rudolph and Ion-Olimpiu Stamatescu

- (ed.), *Philosophy, Mathematics and Modern Physics: A Dialogue*. Heidelberg: Springer-Verlag. Hal. 235-242.
- Russell, Bertrand. 1912. *The Analysis of Matter*. New York: Harcourt, Brace & Co.
- _____. 1959. *The Problems of Philosophy*. New York: Oxford University Press.
- Sellars, Wilfrid. 1962. "Philosophy and Scientific Image of Man" dalam R. Colodony (ed.), *Frontiers of Science and Philosophy*. Pittsburgh: University of Pittsburgh Press. Hal. 35-75.
- Schaffer, Jonathan. 2003. "Is There a Fundamental Level?" dalam *Nous*, Vol. 37. Hal. 498-517.
- _____. 2009. "On What Grounds What" dalam David Chalmers dkk. (ed.), *Metametaphysics*. Oxford: Oxford University Press. Hal. 347-383.
- _____. 2010. "Monism: The Priority of the Whole" dalam *The Philosophical Review*, Vol. 119. Hal. 37-76.
- Sider, Theodore. 2011. *Writing the Book of the World*. Oxford: Oxford University Press.
- _____. 2020. *The Tools of Metaphysics and the Metaphysics of Science*. Oxford: Oxford University Press.
- Slater, Matthew H. dan Zanja Yudell, *Metaphysics and the Philosophy of Science: New Essays*. New York: Oxford University Press.
- Sneed, Joseph D.. 1983. "Structuralism and Scientific Realism" dalam *Erkenntnis*, Vol. 19. Hal. 345-370.
- Soames, Scott. 2009. "Ontology, Analyticity, and Meaning: the Quine-Carnap Dispute" dalam David Chalmers, dkk. (ed.), *Metametaphysics: New Essays on the Foundations of Ontology*. Oxford: Oxford University Press. Hal. 424-443.
- Stachel, John. 2002. "'The Relations between Things' versus 'The Things between Relations': the Deeper Meaning of the hole argument" dalam David Malament (ed.), *Reading Natural Philosophy: Essays in the History and Philosophy of Science and Mathematics*. Chicago: Open Court. Hal. 231-266.
- _____. 2006. "Structure, Individuality, and Quantum Gravity" dalam Dean Rickles, Steven French, dan Juha Saatsi (ed.), *Structural Foundations of Quantum Gravity*. Oxford: Oxford University Press. Hal. 53-82.
- Stanford, P. Kyle. 2017. "So Long, and Thanks for All the Fish: Metaphysics and the Philosophy of Science" dalam Matthew H. Slater dan Zanja Yudell,

- Metaphysics and the Philosophy of Science: New Essays*. New York: Oxford University Press. Hal. 127-140.
- Surovell, Jonathan. 2017. "Language, Ontology, and the Carnap-Quine Debate" dalam *Philosophia*, Vol. 45. Hal. 811-833.
- Sugiyono. 2012. *Memahami Penelitian Kualitatif*. Bandung: Alfabeta.
- Tahko, Tuomas E.. 2015. *An Introduction to metametaphysics*. Cambridge: Cambridge University Press.
- Tegmark, Maz. 2006. "The Mathematical Universe" dalam *Foundations of Physics*, Vol. 38. Hal. 101-150.
- Thomson-Jones, Martin. 2017. "Against Bracketing and Complacency: Metaphysics and the Methodology of Sciences" dalam Slater, Matthew H. dan Zanja Yudell, *Metaphysics and the Philosophy of Science: New Essays*. New York: Oxford University Press. Hal. 229-250.
- Van Fraassen, Bas. 2008. *Scientific Representation*. Oxford: Oxford University Press.
- Van Inwagen, Peter. 1998. "Meta-ontology" dalam *Erkenntnis*, Vol. 48. Hal. 233-250.
- Weinberg, Steven dan Richard Feynman. 1987. *Elementary Particles and the Laws of Physics: The 1986 Dirac Memorial Lectures*. Cambridge: Cambridge University Press.
- Werkmeister, William H.. 1949. "Cassirer's Advance Beyond Neo-Kantianism" dalam Paul Schilpp (ed.), *The Philosophy of Ernst Cassirer*. Evanston, Illionis: Library of Living Philosophers. Hal. 759-798.
- Wilson, Jessica. 2014. "No Work for a Theory of Ground" dalam *Inquiry*, Vol. 57. Hal. 535-579.
- Wolff, Johanna. 2011. "Do Objects Depend on Structures?" dalam *British Journal for the Philosophy of Science*. Doi: 10.1093/bjps/axrQ41.
- Worrall, John. 1998. "Structural Realism: the Best of Both Worlds?" dalam *Dialectica*, 43. Hal. 99-124. 233-250.