PH123: Elements of Scientific Method



Bird, Alexander. 1998. Philosophy of Science. Vol. Fundamentals of philosophy. London: UCL Press.

Boyd, Richard. n.d. 'Scientific Realism (Stanford Encyclopedia of Philosophy)'. http://plato.stanford.edu/entries/scientific-realism/.

Eddington, Arthur Stanley. 1935. The Nature of the Physical World. Vol. Everyman's library. London: J.M. Dent & Sons.

Feigl, Herbert, and Grover Maxwell. 1962. Scientific Explanation, Space, and Time. Vol. Minnesota studies in the philosophy of science. Minneapolis: Univ. of Minnesota Press.

Gerald Holton. n.d. 'Science, Technology, & Human Values' 7 (40). http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/i227969.

Godfrey-Smith, Peter. 2003a. Theory and Reality: An Introduction to the Philosophy of Science. Vol. Science and its conceptual foundations. Chicago: University of Chicago Press.

———. 2003b. Theory and Reality: An Introduction to the Philosophy of Science. Electronic resource. Vol. Science and its conceptual foundations. Chicago: University of Chicago Press.

https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://idp.warwick.ac.uk/ idp/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/Abstract View/S9780226300610.

———. 2003c. Theory and Reality: An Introduction to the Philosophy of Science. Vol. Science and its conceptual foundations. Chicago: University of Chicago Press.

———. 2003d. Theory and Reality: An Introduction to the Philosophy of Science. Electronic resource. Vol. Science and its conceptual foundations. Chicago: University of Chicago Press.

https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://idp.warwick.ac.uk/ idp/shibboleth&dest=http://www.dawsonera.com/abstract/9780226300610.

———. 2003e. Theory and Reality: An Introduction to the Philosophy of Science. Vol. Science and its conceptual foundations. Chicago: University of Chicago Press.

———. 2003f. Theory and Reality: An Introduction to the Philosophy of Science. Electronic resource. Vol. Science and its conceptual foundations. Chicago: University of Chicago Press.

https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://idp.warwick.ac.uk/ idp/shibboleth&dest=http://www.dawsonera.com/abstract/9780226300610.

———. 2003g. Theory and Reality: An Introduction to the Philosophy of Science. Vol. Science and its conceptual foundations. Chicago: University of Chicago Press.

———. 2003h. Theory and Reality: An Introduction to the Philosophy of Science. Electronic resource. Vol. Science and its conceptual foundations. Chicago: University of Chicago Press.

https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://idp.warwick.ac.uk/ idp/shibboleth&dest=http://www.dawsonera.com/abstract/9780226300610.

Godfrey-Smith, Peter. 2007. 'Popper's Philosophy of Science: Looking Ahead'. http://petergodfreysmith.com/science-me.

Goodman, Nelson. n.d. Fact, Fiction, and Forecast. 3rd ed. Indianapolis: Bobbs-Merrill.

Hansson, Sven Ove. n.d. 'Science and Pseudo-Science (Stanford Encyclopedia of Philosophy)'. http://plato.stanford.edu/entries/pseudo-science/.

Jackson, Frank and Smith, Michael. 2005. The Oxford Handbook of Contemporary Philosophy. Vol. Oxford handbooks. Oxford: Oxford University Press.

Kuhn, T. S. 2012a. 'The Nature and Necessity of Scientific Revolutions'. In The Structure of Scientific Revolutions, Fourth edition, 92–110. Chicago: The University of Chicago Press. https://contentstore.cla.co.uk/secure/link?id=7b5645f5-a743-e611-80bd-0cc47a6bddeb.

———. 2012b. 'The Nature and Necessity of Scientific Revolutions'. In The Structure of Scientific Revolutions, Fourth edition, 92–110. Chicago: The University of Chicago Press. https://contentstore.cla.co.uk/secure/link?id=7b5645f5-a743-e611-80bd-0cc47a6bddeb.

Ladyman, James. 2002a. Understanding Philosophy of Science. London: Routledge.

———. 2002b. Understanding Philosophy of Science. Electronic resource. London: Routledge.

http://lib.myilibrary.com/browse/open.asp?id=277859&entityid=https://idp.warwick.ac.uk/i dp/shibboleth.

-----. 2002c. Understanding Philosophy of Science. London: Routledge.

———. 2002d. Understanding Philosophy of Science. Electronic resource. London: Routledge.

http://lib.myilibrary.com/browse/open.asp?id=277859&entityid=https://idp.warwick.ac.uk/i dp/shibboleth.

———. 2002e. Understanding Philosophy of Science. London: Routledge.

———. 2002f. Understanding Philosophy of Science. Electronic resource. London: Routledge.

http://lib.myilibrary.com/browse/open.asp?id=277859&entityid=https://idp.warwick.ac.uk/i dp/shibboleth.

———. 2002g. Understanding Philosophy of Science. London: Routledge.

———. 2002h. Understanding Philosophy of Science. Electronic resource. London:

Routledge. http://lib.myilibrary.com/browse/open.asp?id=277859&entityid=https://idp.warwick.ac.uk/i dp/shibboleth.

———. 2002i. Understanding Philosophy of Science. London: Routledge.

———. 2002j. Understanding Philosophy of Science. Electronic resource. London: Routledge.

http://lib.myilibrary.com/browse/open.asp?id=277859&entityid=https://idp.warwick.ac.uk/i dp/shibboleth.

———. 2002k. Understanding Philosophy of Science. London: Routledge.

———. 2002I. Understanding Philosophy of Science. Electronic resource. London: Routledge.

http://lib.myilibrary.com/browse/open.asp?id=277859&entityid=https://idp.warwick.ac.uk/i dp/shibboleth.

Ladyman, James. n.d. 'Structural Realism (Stanford Encyclopedia of Philosophy)'. http://plato.stanford.edu/entries/structural-realism/.

Lakatos, Imre. 1973. 'Science and Pseudoscience'. http://www.lse.ac.uk/philosophy/About/lakatos/scienceandpseudoscience.aspx.

Laudan, L. 1998. 'Demystifying Underdetermination'. In Philosophy of Science: The Central Issues, 1st ed, 320–53. New York: W.W. Norton. https://contentstore.cla.co.uk/secure/link?id=c3067e34-a943-e611-80bd-0cc47a6bddeb.

Laudan, Larry. 1998. 'Demystifying Underdetermination'. In Philosophy of Science: The Central Issues, 1st ed, 320–53. New York: W.W. Norton. https://contentstore.cla.co.uk/secure/link?id=c3067e34-a943-e611-80bd-0cc47a6bddeb.

Lipton, Peter. 2004a. Inference to the Best Explanation. 2nd ed. Vol. International library of philosophy. London: Routledge/Taylor and Francis Group.

———. 2004b. Inference to the Best Explanation. 2nd ed. Vol. International library of philosophy. London: Routledge/Taylor and Francis Group.

Newton-Smith, W. 1981a. The Rationality of Science. Vol. International library of philosophy. Boston, Mass: Routledge & Kegan Paul.

———. 1981b. The Rationality of Science. Vol. International library of philosophy. Boston, Mass: Routledge & Kegan Paul.

Nickles, Thomas. n.d. 'Scientific Revolutions (Stanford Encyclopedia of Philosophy)'. http://plato.stanford.edu/entries/scientific-revolutions/.

Oberheim, Eric, and Paul Hoyningen-Huene. n.d. 'The Incommensurability of Scientific Theories (Stanford Encyclopedia of Philosophy)'.

http://plato.stanford.edu/entries/incommensurability/.

Paul R. Thagard. 1978. 'Why Astrology Is a Pseudoscience'. PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association 1978: 223–34. http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/192639.

Popper, K. 2002a. 'Conjectures and Refutations'. In Conjectures and Refutations: The Growth of Scientific Knowledge, Routledge classics:43–51. London: Routledge. https://contentstore.cla.co.uk/secure/link?id=14e00f7e-c143-e611-80bd-0cc47a6bddeb.

———. 2002b. 'Conjectures and Refutations'. In Conjectures and Refutations: The Growth of Scientific Knowledge, Routledge classics:43–51. London: Routledge. https://contentstore.cla.co.uk/secure/link?id=14e00f7e-c143-e611-80bd-0cc47a6bddeb.

———. 2002c. 'The Problem of Induction'. In The Logic of Scientific Discovery, 3–10. London: Routledge.

https://contentstore.cla.co.uk/secure/link?id=9b483484-c143-e611-80bd-0cc47a6bddeb.

———. 2002d. 'The Problem of Induction'. In The Logic of Scientific Discovery, 3–10. London: Routledge.

https://contentstore.cla.co.uk/secure/link?id=9b483484-c143-e611-80bd-0cc47a6bddeb.

Popper, Karl R. 2002a. The Logic of Scientific Discovery. Electronic resource. Vol. Routledge classics. London: Routledge.

http://lib.myilibrary.com/browse/open.asp?id=23930&entityid=https://idp.warwick.ac.uk/id p/shibboleth.

———. 2002b. The Logic of Scientific Discovery. Electronic resource. Vol. Routledge classics. London: Routledge.

http://lib.myilibrary.com/browse/open.asp?id=23930&entityid=https://idp.warwick.ac.uk/id p/shibboleth.

Quine, W. V. 1963. 'Two Dogmas of Empiricism'. In From a Logical Point of View: 9 Logico-Philosophical Essays, 2d ed., rev, 20–46. Cambridge, Mass: Harvard University Press.

https://contentstore.cla.co.uk/secure/link?id=c800855f-c343-e611-80bd-0cc47a6bddeb.

Stanford, Kyle. n.d. 'Underdetermination of Scientific Theory (Stanford Encyclopedia of Philosophy)'. http://plato.stanford.edu/entries/scientific-underdetermination/.

Van Fraassen, Bas C. 1980. The Scientific Image. Vol. Clarendon library of logic and philosophy. Oxford: Clarendon.

http://0-www.oxfordscholarship.com.pugwash.lib.warwick.ac.uk/view/10.1093/0198244274 .001.0001/acprof-9780198244271-chapter-2.

Vickers, John. n.d. 'The Problem of Induction (Stanford Encyclopedia of Philosophy)'. http://plato.stanford.edu/entries/induction-problem/.

Worrall, John. 1989. 'Structural Realism: The Best of Both Worlds'. Dialectica 43 (1/2): 99–124. http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/42970613.