

## Philosophy Faculty Reading List 2011-2012

### PART IA PAPER 01: METAPHYSICS AND PHILOSOPHY OF MIND

#### SYLLABUS

God: existence of; the problem of evil; miracles.  
Causation: regularity; necessitation; determinism and fatalism.  
Free will: concepts of freedom.  
Mind and matter; personal identity.  
Knowledge and scepticism; induction.

An **asterisk\*** indicates a classic or important item.

Articles in the Stanford Encyclopedia (<http://plato.stanford.edu>) and Routledge Encyclopedia ([www.rep.routledge.com](http://www.rep.routledge.com)) are good introductions on all of these topics.

#### GOD

##### The Existence of God

###### (i) General introductions

- \*HUME, D., *Dialogues Concerning Natural Religion*. [A Classic]  
HICK, J., *Philosophy of Religion*. 4th ed. (Englewood Cliffs, New Jersey: Prentice-Hall, 1989). [chs. 1-4. Clear and readable, but very brief.]  
LEPOIDEVIN, R., *Arguing for Atheism* (London: Routledge, 1996). [More difficult, but still introductory.]  
MACKIE, J.L., *The Miracle of Theism* (Oxford: Oxford University Press, 1982).  
ROWE, W., *The Philosophy of Religion: An Introduction* (Belmont, Ca.: Wadsworth/Thomson Learning, 1993; 4th ed.: 2006).  
YANDELL, K., *Philosophy of Religion: A Contemporary Introduction* (London: Routledge, 1999). [chs. 9 & 10. More difficult.]

###### (ii) Cosmological arguments

- \*AQUINAS. 'Summa Theologiae, Part 1, Question 2, Article 3', in *Philosophy of Religion: Selected Readings*, edited by M. Peterson (Oxford: Oxford University Press, 1996; 3rd ed.: 2006). Also on [Camtools](http://Camtools). [The famous 'five ways'.]

- LEPOIDEVIN, R., *Arguing for Atheism* (London: Routledge, 1996). [chs. 1, 3].  
MACKIE, J.L., *The Miracle of Theism* (Oxford: Oxford University Press, 1982). [ch. 5. Also available on [Camtools](http://Camtools). Partly reprinted in M. Peterson et al., *Philosophy of Religion* (Oxford: Oxford University Press, 1996)].  
ROWE, W., 'The Cosmological Argument', in *The Philosophy of Religion: An Introduction* (Belmont, California: Wadsworth/Thompson Learning, 1993). Reprinted as 'The cosmological argument' in E. Stump and M. J. Murray, eds., *Philosophy of Religion: The Big Questions* (Oxford: Blackwell, 1999).  
VAN INWAGEN, P., *Metaphysics*. 2nd ed. (Boulder, Co.: Westview, 2002). [ch. 6. Highly recommended.]

###### (iii) Ontological arguments

- \*VAN INWAGEN, P., 'Necessary Being: The Ontological Argument', in *Metaphysics* (Boulder, Co.: Westview, 2002). [ch. 6 (ch. 5 in 1st edition). Also in E. Stump and M. J. Murray, eds., *Philosophy of Religion: The Big Questions* (Oxford: Blackwell, 1999) pp. 69-83. A good place to start. Also available on [Camtools](http://Camtools)]  
ANSELM. 'Proslogion'. [Relevant bits reprinted in E. Stump and M. Murray, eds., *Philosophy of Religion: The Big Questions* (Oxford: Blackwell, 1999). Also in P. van Inwagen and D. W. Zimmerman, eds., *Metaphysics: The Big Questions* (Oxford: Blackwell, 1998). Difficult, but brief.]  
MACKIE, J.L., *The Miracle of Theism* (Oxford: Oxford University Press, 1982) [ch. 3]  
MALCOLM, N., 'Anselm's Ontological Arguments.' *Philosophical Review* 69 (1960). Repr. in P. van Inwagen and D. W. Zimmerman, eds., *Metaphysics: The Big Questions* (Oxford: Blackwell, 1998).  
PLANTINGA, A., *The Nature of Necessity* (Oxford: Oxford University Press, 1974), ch.10. A similar discussion is 'A contemporary modal version of the ontological argument' in M. Peterson, et al., *Philosophy of Religion* (Oxford: Oxford University Press, 1996). [Influential revival of modal argument, criticized by Mackie. Rather difficult. Also available online at [www.oxfordscholarship.com](http://www.oxfordscholarship.com).]

###### (iv) Teleological arguments

- \*HUME, D., *Dialogues Concerning Natural Religion*. [A Classic]  
LEPOIDEVIN, R., *Arguing for Atheism* (London: Routledge, 1996). [chs. 4 & 5. A good critical discussion, very readable.]  
MACKIE, J.L., *The Miracle of Theism* (Oxford: Oxford University Press, 1982). [ch. 8].  
VAN INWAGEN, P., *Metaphysics*. 2nd ed. (Boulder, Co.: Westview, 2002), chs. 8 & 9 (chs. 7 & 8 in 1st ed.) [A very clear, sympathetic discussion]

## The Problem of Evil

- \*HICK, J., 'Soul-Making and Suffering', in *The Problem of Evil*, edited by M.M. Adams and R.M. Adams (Oxford: Oxford University Press, 1990). Also available on [Camtools](#). [See also his *Philosophy of Religion*, 4th ed. (Englewood Cliffs, New Jersey: Prentice-Hall, 1989), ch. 4.]
- \*MACKIE, J.L., 'Evil and Omnipotence.' *Mind* 64 (1955): 200-12. Reprinted in B. Mitchell, ed., *The Philosophy of Religion* (Oxford University Press, 1971); and in M. M. Adams and R. M. Adams, eds., *The Problem of Evil* (Oxford: Oxford University Press, 1990). For a later version, see ch. 9 of his *The Miracle of Theism* (Oxford: Oxford University Press 1982). [An important witness for the prosecution]
- PLANTINGA, A., and B. MITCHELL. 'The Free Will Defence', in *The Philosophy of Religion* (Oxford: Oxford University Press, 1971). [For a later version see his *The Nature of Necessity* (Oxford University Press, 1974), ch. 9. Reprinted in M.M. Adams and R.M. Adams, eds., *The Problem of Evil* (Oxford: Oxford University Press, 1990). Yet another version is 'The Free Will Defense' M. Peterson et al., *Philosophy of Religion* (Oxford University Press, 1996).
- ROWE, W., 'The Problem of Evil and Some Varieties of Atheism.' *American Philosophical Quarterly* 16, no. 4 (1979): 335-41. Reprinted in M.M. Adams and R.M. Adams, eds., *The Problem of Evil* (Oxford: Oxford University Press, 1990); and in E. Stump and M. Murray, eds., *Philosophy of Religion: The Big Questions* (Oxford: Blackwell, 1999). [Highly recommended discussion of the evidential problem of evil.]
- ST. AUGUSTINE., *Freedom of the Will, Book 1* (Indianapolis: Bobbs-Merrill, 1964).
- VAN INWAGEN, P., 'The Magnitude, Duration, and Distribution of Evil: A Theodicy.' *Philosophical Topics* 16 (1988): 161-87. Reprinted in his *God, Knowledge and Mystery* (Ithaca, New York: Cornell University Press, 1995); and in E. Stump and M. J. Murray, eds., *Philosophy of Religion: The Big Questions* (Oxford: Blackwell, 1999).

## Miracles

- \*HUME, D., 'Of Miracles', in *An Enquiry Concerning Human Understanding*, Sect. IX.
- HOLLAND, R.F. 'The Miraculous.' *American Philosophical Quarterly*, 2 (1965): 43-51.
- MILLICAN, P., 'Hume's Theorem' Concerning Miracles' *Philosophical Quarterly* 43 (1993): 489-495.
- SWINBURNE, R., ed., *Miracles*. (London: Collier Macmillan, 1989).

For further reading see the useful *Stanford Encyclopedia* entry on miracles:

LEVINE, M., 'Miracles', in *Stanford Encyclopedia of Philosophy* edited by E.N. Zalta. <http://plato.stanford.edu/archives/spr2009/entries/miracles>.

## CAUSATION

### Introductory

- CRANE, T., 'Causation', in A. C. Grayling, ed., *Philosophy 1: A Guide through the Subject* (Oxford: Oxford University Press, 1998), pp. 184-94.
- SALMON, W., 'Causation', in *The Blackwell Guide to Metaphysics*, edited by R. Gale. (Oxford: Blackwell, 2002).

The basic readings for this topic can be found in:

- SOSA, E., and M. TOOLEY, eds., *Causation* (Oxford: Oxford University Press, 1993).

### Regularity and Necessitation

The classic, essential readings for this topic are:

- \*HUME, D., *Enquiry Concerning Human Understanding*. [§ iv].
- \*HUME, D., *Treatise of Human Nature, Book 1.iii. Sections 1, 2 & 14*.
- \*RUSSELL, B., 'On the Notion of Cause' in his *Mysticism and Logic* (London : Allen & Unwin, 1963) ; or New ed., (London: Routledge, 1994).

Hume's account is contested in:

- ANSCOMBE, G.E.M., *Causality and Determination* (Cambridge: Cambridge University Press, 1971) Reprinted in P. van Inwagen and D.W. Zimmerman, eds., *Metaphysics: The Big Questions* (Oxford: Blackwell, 1998); also in E. Sosa and M. Tooley, eds., *Causation* (Oxford: Oxford University Press, 1993). [More difficult]
- DUCASSE, C. J., 'On the Nature and Observability of the Causal Relation'. *Journal of Philosophy* 23, (1926): 57-68. Reprinted in E. Sosa, ed., *Causation and Conditionals*, (Oxford: Oxford University Press, 1975), pp. 114-25.

An influential attempt to analyse causation in terms of necessary and sufficient conditions is advanced by Mackie in:

- MACKIE, J. L., 'Causes and Conditions.' *American Philosophical Quarterly* 2 (1965): 245-64. Reprinted in E. Sosa ed., *Causation and Conditionals*, (Oxford: Oxford University Press, 1975), pp. 15-38.

KIM, J., 'Causes and Events: Mackie on Causation', *Journal of Philosophy*, 68, (1971): 426-441. Reprinted in E. Sosa, ed., *Causation and Conditionals*, (Oxford: Oxford University Press, 1975), pp. 48-62.

An alternative Humean account of causation is developed by:

LEWIS, D., 'Causation.' *Journal of Philosophy*, 70: (1973): 556-567. Reprinted in Sosa and Tooley, eds., *Causation (Oxford Readings in Philosophy)* (Oxford: Oxford University Press, 1993).

For criticism see:

KIM, J., 'Causes and Counterfactuals', *Journal of Philosophy*, 70 (1973): 570–72.  
HORWICH 'Lewis's Programme', in Sosa and Tooley, eds., *Causation (Oxford Readings in Philosophy)* (Oxford: Oxford University Press, 1993).

A very different approach to causation is found in:

GASKING, D., 'Causation and Recipes', *Mind*, 64 (1955): 479-487.

### Determinism and Fatalism

The classic papers here are:

\*ARISTOTLE. *De Interpretatione* Reprinted in R. Gale, ed., *The Philosophy of Time* (London: Macmillan, 1968), pp. 179-182. [Also on [Camtools](#)]

\*CICERO, M.T., 'De Fato', in *Cicero in Twenty-Eight Volumes, Vol. 4* (London: Loeb Classical Library, 1942).

AYER, A.J., 'Fatalism', in *The Concept of a Person and Other Essays* (London: Macmillan, 1963).

MAYO, B., 'The Open Future.' *Mind* 71 (1962): 1-14. R. Gale, ed., *The Philosophy of Time* (London: Macmillan, 1968). [Defends Aristotelian view.]

RYLE, G., 'It Was to Be', in *Dilemmas* (Cambridge: Cambridge University Press, 1964). [Also on [Camtools](#)]

TAYLOR, R., 'Fate', in *Metaphysics* (Englewood Cliffs, New Jersey: Prentice-Hall, 1992). An earlier version is 'Fatalism', *Philosophical Review*, 71 (1962), 56-66. Also in R. Gale, ed., *The Philosophy of Time* (London: Macmillan, 1968). [Readable defence of fatalism.]

VAN INWAGEN, P., *An Essay on Free Will* (Oxford: Oxford University Press, 1983). [ch. 2. Difficult but worth attempting.]

A demanding but important paper is:

DUMMETT, M., 'Bringing About the Past.' *Philosophical Review* 73 (1964): 338-59. Reprinted in his *Truth and Other Enigmas* (Duckworth, 1978); and in R. LePoidevin and M. MacBeath, eds., *The Philosophy of Time* (Oxford: Oxford University Press, 1993).

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### FREE WILL

#### Concepts of Freedom

Useful introductory works include:

\*HUME, D., *Enquiry Concerning Human Understanding*. [§viii. Classic statement of compatibilism.]

\*VAN INWAGEN, P., *Metaphysics*. 2nd ed. (Boulder, Co.: Westview, 2002), ch. 12 (ch. 11; 1st ed.) [A good introduction]

AYER, A.J., 'Freedom and Necessity', in *Philosophical Essays*, edited by A.J. Ayer (London: Macmillan, 2003). Reprinted in G. Watson, ed., *Free Will*, 2nd ed. (Oxford: Oxford University Press, 2003). [Brief defence of compatibilism.]

HOBART, R.E., 'Free Will as Involving Determinism and Inconceivable without It.' *Mind* 43 (1934). Reprinted in P. van Inwagen and D. W. Zimmerman, eds., *Metaphysics: The Big Questions* (Oxford: Blackwell, 1998); and in B. Berofsky, ed., *Free Will and Determinism* (New York: Harper & Row, 1966).

The essential readings for this topic are:

\*CHISHOLM, R., 'Human Freedom and the Self', in *Free Will*, edited by G. Watson (Oxford: Oxford University Press, 2003). Also in P. van Inwagen and D. W. Zimmerman, eds., *Metaphysics: The Big Questions* (Oxford: Blackwell, 1998). [Classic statement of agent-causation view.]

\*FRANKFURT, H., 'Freedom of the Will and the Concept of a Person.' *Journal of Philosophy* 68 (1971): 5-20. Reprinted in G. Watson, ed., *Free Will*, 2nd ed. (Oxford: Oxford University Press, 2003). [Influential attempt to account for freedom in terms of second-order desires.]

\*SCHLICK, M., 'When Is a Man Responsible?' in *Free Will and Determinism*, edited by B. Berofsky (New York: Harper & Row, 1966) [Another version of compatibilism. Quite readable.]

\*STRAWSON, P.F., 'Freedom and Resentment.' In his *Freedom and Resentment and Other Essays* (London: Methuen, 1974). Reprinted in *Free Will*, edited by G. Watson (Oxford: Oxford University Press, 2003).

\*VAN INWAGEN, P., 'The Incompatibility of Free Will and Determinism.' *Philosophical Studies* 27 (1975): 185-99. Reprinted in G. Watson, ed., *Free Will*, 2nd ed. (Oxford: Oxford University Press, 2003). [Fairly difficult. More

ambitious readers may want to consult his *An Essay on Free Will* (Oxford: Oxford University Press, 1983).]

For further reading see:

- FISCHER, J.M., *The Metaphysics of Free Will* (Oxford: Blackwell, 1994). [ch. 4. Readable defence of compatibilism against P. van Inwagen-style arguments.]  
HAYEK, F., *The Constitution of Liberty* (London: Routledge, 1960), chs. 1 & 5. [Liberty is freedom from coercion.]  
KANE, R., *The Significance of Free Will* (Oxford: Oxford University Press, 1993). [Also available online at: [www.oxfordscholarship.com](http://www.oxfordscholarship.com)]

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## MIND AND MATTER

### Philosophy of Mind

Useful introductory works include:

- MCGINN, C., *The Character of Mind* (Oxford: Oxford University Press, 1982). [ch. 2]  
SMITH, P., and O.R. JONES, *The Philosophy of Mind* (Cambridge: Cambridge University Press, 1986).  
VAN INWAGEN, P., *Metaphysics*. 2nd ed. (Boulder, Co.: Westview, 2002). [chs. 10 & 11 (chs. 9 & 10 in 1st ed.). Critical but fair; very clear]

Seminal works in this area include:

- \*DESCARTES, R., *Meditations on First Philosophy*. The relevant bits are reprinted in D. M. Rosenthal, ed., *The Nature of Mind* (Oxford: Oxford University Press, 1991). [2, 6. Classic source on dualism.]  
\*NAGEL, T., 'What is it like to be a Bat?.' *Philosophical Review* 83 (1974): 435-50. Reprinted in his *Mortal Questions* (Cambridge: Cambridge University Press, 1979), pp. 165-80.  
\*PUTNAM, H., 'Brains and Behaviour', in *Analytical Philosophy, 2nd Series*, edited by R.J. Butler (Oxford: Blackwell, 1965). Also in N. Block, ed., *Readings in the Philosophy of Psychology*, vol. 1 (London: Methuen, 1980); and in D. M. Rosenthal, ed., *The Nature of Mind* (Oxford: Oxford University Press, 1991), 151-59. 1-19 [Important essay, fairly difficult. Also on [Camtools](http://Camtools)]  
\*RYLE, G., *The Concept of Mind* (London: Hutchinson, 1949). [Esp. chs. 1, 2, 4. Highly influential, but not very clear as a statement of behaviourism.]  
\*SMART, J.J.C., 'Sensations and Brain Processes.' *Philosophical Review* 68 (1959): 141-56. Reprinted in D. M. Rosenthal, *The Nature of Mind* (Oxford: Oxford University Press, 1991) and in W. Lyons, ed., *Modern Philosophy of Mind*

(London: Dent, 1995); and in C. V. Borst, ed., *Mind-brain Identity Theory: a collection of papers* (London: Macmillan, 1970).

For further reading see:

- JACKSON, F., 'Epiphenomenal Qualia', *Philosophical Quarterly* 32 (1982):127-36.  
LEWIS, D., 'An Argument for the Identity Theory.' *Journal of Philosophy* 63 (1966): 17-25. Reprinted in his *Philosophical Papers* Vol. I (Oxford: Oxford University Press, 1983). Also available online at: [www.oxfordscholarship.com](http://www.oxfordscholarship.com).

### Personal Identity

The classic readings here are:

- \*HUME, D., *Treatise of Human Nature*. [i, iv, 5-6 and appendix.]  
\*LOCKE, J., *Essay Concerning Human Understanding*. Partly reprinted in J. Perry, ed., *Personal Identity* (Berkeley: California University Press, 1975). [Book II, ch. I, §§10-12, and ch. xxvii. Important historical source. Difficult.]  
\*PARFIT, D., 'Personal Identity.' *Philosophical Review* 80 (1971): 3-27. Reprinted in J. Perry, ed., *Personal Identity* (Berkeley: California University Press, 1975). [Classic statement of the view that 'identity doesn't matter'. More ambitious readers can consult his *Reasons and Persons* (Oxford: Oxford University Press, 1984), chs. 10-13. Also available at [www.oxfordscholarship.com](http://www.oxfordscholarship.com)]  
\*WILLIAMS, B., 'The Self and the Future.' *Philosophical Review* 79 (1970): 161-80. Also in his *Problems of the Self: Philosophical Papers 1956-1972* (Cambridge: Cambridge University Press, 1973); and in J. Barresi and R. Martin, eds., *Personal Identity* (Oxford: Blackwell, 2002).

Useful additional material may be found in:

- PERRY, J., ed., *Personal Identity* (Berkeley: California University Press, 1975). [Selections from Locke, Butler, Reid, and Hume.]  
SHOEMAKER, S., and R. SWINBURNE, *Personal Identity* (Oxford: Blackwell, 1984) Excerpts also in P. van Inwagen and D. W. Zimmerman, eds., *Metaphysics: The Big Questions* (Oxford: Blackwell, 1998).  
WILLIAMS, B., 'Personal Identity and Individuation', *Proceedings of the Aristotelian Society* 57 (1956). Reprinted in his *Problems of the Self: Philosophical Papers 1956-1972* (Cambridge: Cambridge University Press, 1973).

More recent helpful introductory readings include:

- GARRETT, B., *Personal Identity and Self-Consciousness*. (London: Routledge, 1998). [A very readable account of the recent debate.]

OLSON, E., 'Personal Identity', in *The Blackwell Guide to Philosophy of Mind*, edited by S. Stich and T. Warfield (Oxford: Blackwell, 2002). [A useful overview. A similar essay can be found on-line in the *Stanford Encyclopedia of Philosophy*: <http://plato.stanford.edu/entries/identity-personal>.]

For further reading see:

NOONAN, H., *Personal Identity*. 2nd ed. (London: Routledge, 2003). [chs. 1, 7, 10. A useful survey, but difficult in places. Also available online at: [www.myilibrary.com/?id=9511](http://www.myilibrary.com/?id=9511)]

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## KNOWLEDGE AND SCEPTICISM

Useful general introductory texts, which include chapters on specific topics:

AUDI, R., *Epistemology* (London: Routledge, 1998, 2nd ed.: 2002).  
AYER, A.J., *The Problem of Knowledge* (London: Macmillan, 1956). [ch. 1].  
DANCY, J., *Introduction to Contemporary Epistemology* (Oxford: Blackwell, 1985), chs. 1-3.  
MORTON, A., *A Guide through the Theory of Knowledge*. 2<sup>nd</sup> ed. (Oxford: Blackwell, 1997).  
WILLIAMS, M., *Problems of Knowledge: A Critical Introduction*. (Oxford: Oxford University Press, 2001).

### Definition of Knowledge

Essential readings include:

\*GETTIER, E., 'Is Justified True Belief Knowledge?' *Analysis* 23 (1963): 121-123.  
\*RADFORD, C., 'Knowledge- By Examples.' *Analysis* 27 (1966): 1-11.

Some interesting responses include:

SOSA, E. 'The Analysis of "Knowledge that P"', *Analysis* 25 (1964): 1-8.  
ARMSTRONG, D.M., *Belief, Truth, and Knowledge*. (Cambridge: Cambridge University Press, 1973).  
HARMAN, G., *Thought* (Princeton, NJ.: Princeton University Press, 1973), pp.120-41.

## Scepticism

The classic and essential readings on skepticism are:

\*DESCARTES, R., *Meditations*, 1.  
\*HUME, D., *A Treatise of Human Nature*. [Book I, part IV, section 2. Also available online at: [www.gutenberg.org/etext/4705](http://www.gutenberg.org/etext/4705)]  
\*MOORE, G.E., 'A Defence of Common Sense', in his *Philosophical Papers*, (London: Allen & Unwin, 1959). [Also on [Camtools](http://Camtools)]  
\*RUSSELL, B., *The Problems of Philosophy* (Oxford: Oxford University Press, 1912). [chs. 1-3].

A useful introductory discussion is to be found in:

WILLIAMS, M., 'Skepticism', in *The Blackwell Guide to Epistemology*, edited by J. Greco and E. Sosa (Oxford: Blackwell, 1999). [Excellent introduction. Also available on [Camtools](http://Camtools)]

For discussion of the basic Cartesian problem see:

WILLIAMS, B., *Descartes: the Project of Pure Enquiry* (Hassocks: Harvester Press, 1978), ch. 2 & appendix 3. Available online at [www.myilibrary.com/?id=15513](http://www.myilibrary.com/?id=15513)  
STROUD, B., *The Significance of Philosophical Scepticism* (Oxford: Clarendon Press, 1984). [Particularly ch 1. Also available online at: [www.oxfordscholarship.com](http://www.oxfordscholarship.com)]

For an influential attempt to undermine Cartesian skepticism see:

NOZICK, R., *Philosophical Explanations* (Oxford: Clarendon Press, 1981), ch. 3, §§ I & II. [Also an abridged version available in J. Dancy, ed., *Perceptual Knowledge* (Oxford: Oxford University Press, 1988)]  
CRAIG, E., 'Nozick and the Sceptic.' *Analysis* 49 (1989): 161-62.

An influential defence of skepticism is to be found in:

UNGER, P., 'A Defense of Skepticism.' *Philosophical Review* 80 (1971): 198-219. Reprinted in S. Bernecker and F. Dretske, eds, *Knowledge* (Oxford: Oxford University Press, 2000). [Fairly difficult. Ambitious students can consult his *Ignorance* (Oxford: Oxford University Press, 1975)]

## Induction

The classic readings for this topic are:

- \*HUME, D., *Enquiry Concerning Human Understanding*. [§ 4. Classic source on the 'old riddle' of induction. Ebook available from: [www.bartleby.com/37/3/](http://www.bartleby.com/37/3/)]
- \*RUSSELL, B., *The Problems of Philosophy* (Oxford: Oxford University Press, 1912). [ch. 6. Also available on [Camtools](#)].
- \*GOODMAN, N., *Fact, Fiction and Forecast*. 4th ed. (Cambridge, Mass.: Harvard University Press, 1983). [chs. 3-4. Classic source on the 'new riddle' of induction.]

A very useful introduction to this material is to be found in:

PAPINEAU, D. 'Methodology: The Elements of the Philosophy of Science' in A. Grayling (ed.) *Philosophy 1: A Guide Through the Subject* (Oxford : Oxford University Press, 1998).

Attempts to solve the problem of induction include:

BLACK, M., *Problems of Analysis* (London: Routledge & Kegan Paul, 1954). [ch. 11. A readable defence of the bootstrapping approach. Also available on [Camtools](#)]

STRAWSON, P., *Introduction to Logical Theory* (London: Methuen, 1952). [§ 9.2].

An excellent and sophisticated account of various attempts to deal with the problem of induction:

SKYRMS, B., *Choice and Chance: An Introduction to Inductive Logic*. 3rd ed (Belmont, California: Wadsworth, 1986). [chs. 1-3].

Other helpful sources include:

- KAPLAN, M., 'Induction, Epistemic Issues in.', in E. Craig, ed., *Routledge Encyclopedia of Philosophy* (London: Routledge, 1998). Retrieved September 13, 2011, from [www.rep.routledge.com/article/P024](http://www.rep.routledge.com/article/P024) [A useful survey]
- SAINSBURY, R.M., *Russell* (London: Routledge & Kegan Paul, 1979). [§ 6.1].