

# Lecture 6: Proof-Theoretic Consequence

Philosophy of Logic and Language — HT 2016-17

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## Selected Bibliography

Starred items (\*) are more introductory. Macfarlane (2005/2015) introduces the problem of logical constants. See also Sainsbury (2001) and Gómez-Torrente (2002). For inferentialist approaches to the problem, see Hacking (1979), Hodes (2004), and Peacocke's (1976) and (1987). For the problem of tonk, see Prior (1960). For replies, see Stevenson (1961), Belnap (1962), and Dummett (1991). Belnap appeals to conservativeness, Dummett to harmony. For Prawitz's views, the best place to start is his (2008).

Nuel Belnap (1962) '[Tonk, Plonk and Plink](#)' in *Analysis* 22(6), pp. 130-134.

Michael Dummett (1991) *The Logical Basis of Metaphysics* (Harvard University Press), Ch. 11.

Mario Gómez-Torrente (2002) '[The Problem of Logical Constants](#)' in *The Bulletin of Symbolic Logic* 8(1), pp. 1-37.

Ian Hacking (1979) '[What is Logic?](#)' in *Journal of Philosophy* 76(6), pp. 285.

Harold Hodes (2004) '[On the Sense and Reference of a Logical Constant](#)' in *The Philosophical Quarterly* 54(214), pp. 134-165.

\*John Macfarlane (2005/2015) 'Logical Constants' in E. Zalta, ed. *Stanford Encyclopedia of Philosophy*: <https://plato.stanford.edu/entries/logical-constants/>

Christopher Peacocke (1976) '[What is a Logical Constant?](#)' in *Journal of Philosophy* 73(9), pp. 221-240.

Christopher Peacocke (1987) '[Understanding Logical Constants: A Realist's Account](#)' in *Proceedings of the British Academy* 73, pp. 153-200.

Dag Prawitz (2008) '[Logical Consequence from a Constructivist Point of View](#)' in Stewart Shapiro, ed. *The Oxford Handbook of Philosophy of Mathematics and Logic* (OUP).

Arthur Prior (1960) '[The Runabout Inference-Ticket](#)' in *Analysis* 21(2), pp. 38-39.

\*Mark Sainsbury (2001) *Logical Forms*, 2nd edition (Blackwell), Ch. 1 and 6.

J. T. Stevenson (1961) '[Roundabout the Runabout Inference-Ticket](#)' in *Analysis* 21(6), pp. 124-128.