

Bibliography

LOGIC I
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Philosophical Logic

1. Boolos and Jeffrey (1999) – essays in philosophical logic and the philosophy of mathematics (some more advanced than others).

Modal Logic

1. Sider (2010) – logical toolkit for philosophy (accessible).
2. Hughes and Cresswell (1996) – classic text in modal logic (intermediate).
3. Blackburn et al. (2002) – modern text in modal logic (advanced).

Mathematical Logic

1. Enderton (2001) – classic introduction to metalogic (intermediate).
2. Boolos et al. (2007) – computability and incompleteness (intermediate).
3. Mendelson (2015) – extensive textbook in metalogic (intermediate).

Type Theory and Lambda Calculus

1. Hindley (2008a) – austere treatment of type theory (advanced).
2. Hindley (2008b) – textbook in lambda calculus (advanced).

Higher-Order Logic

1. Bacon (2023) – philosophical take on higher-order logic (intermediate).

Plural Logic

1. Oliver and Smiley (2013) – introduction to plural logic (intermediate).

Nonclassical Logic

1. Priest (2008) – textbook covering nonclassical logics (intermediate).

References

- Bacon, Andrew. 2023. *A Philosophical Introduction to Higher-order Logics*. New York London: Routledge, 1st edition edition. ISBN 978-0-367-48301-2.
- Blackburn, Patrick, de Rijke, Maarten, and Venema, Yde. 2002. *Modal Logic*. Cambridge University Press. ISBN 978-0-521-52714-9.
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- Boolos, George S., Burgess, John P., and Jeffrey, Richard C. 2007. *Computability and Logic*. Cambridge ; New York: Cambridge University Press, 5th edition edition. ISBN 978-0-521-70146-4.
- Enderton, Herbert B. 2001. *A Mathematical Introduction to Logic*. San Diego: Academic Press, 2 edition edition. ISBN 978-0-12-238452-3.
- Hindley, J. Roger. 2008a. *Basic Simple Type Theory*. Cambridge, U.K.: Cambridge University Press, 1 edition edition. ISBN 978-0-521-05422-5.
- Hindley, Jonathan P. Seldin J. Roger. 2008b. *Lambda-Calculus and Combinators: An Introduction*. Cambridge, UK ; New York: Cambridge University Press, 2 edition edition. ISBN 978-0-521-89885-0.
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- Priest, Graham. 2008. *An Introduction to Non-Classical Logic, Second Edition: From If to Is*. Cambridge ; New York: Cambridge University Press, 2nd revised ed. edition edition. ISBN 978-0-521-67026-5.
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