

An introduction to non-classical logic

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Abstrak

This revised and considerably expanded edition of *An Introduction to Non-Classical Logic* brings together a wide range of topics, including modal, tense, conditional, intuitionist, many-valued, paraconsistent, relevant and fuzzy logics. Part I, on propositional logic, is the old Introduction, but contains much new material. Part II is entirely novel, and covers quantification and identity for all the logics in Part I. The material is unified by the underlying theme of world semantics. All of the topics are explained clearly and accessibly, using devices such as tableau proofs, and their relations to current philosophical issues and debates is discussed. Students with a basic understanding of classical logic will find this book an invaluable introduction to an area that has become of central importance in both logic and philosophy. It will also interest people working in mathematics and computer science who wish to know about the area. graham priest is Boyce Gibson Professor of Philosophy, University of Melbourne and Arché Professorial Fellow, Departments of Philosophy, University of St Andrews. His most recent publications include *Towards Non-Being* (2005) and *Doubt Truth to be a Liar* (2006). Published online