Cambridge Elements

Elements in Philosophy and Logic
edited by
Bradley Armour-Garb
SUNY Albany
Frederick Kroon
The University of Auckland

PROPOSITIONAL QUANTIFIERS

Peter Fritz
University of Oslo

CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE
UNIVERSITY PRESS

Propositional Quantifiers

Elements in Philosophy and Logic

Peter Fritz
University of Oslo

Author for correspondence: Peter Fritz, peter.fritz@ifikk.uio.no

Abstract: Propositional quantifiers are quantifiers binding proposition letters, understood as variables. This Element introduces propositional quantifiers and explains why they are especially interesting in the context of propositional modal logics. It surveys the main results on propositionally quantified modal logics which have been obtained in the literature, presents a number of open questions, and provides examples of applications of such logics to philosophical problems.

Keywords: modal logic, propositional quantifier, propositionally quantified modal logic, second-order propositional modal logic, sentential quantifier

Contents