## NOTRE DAME JOURNAL OF FORMAL LOGIC

**EDITORS:** Michael Detlefsen Peter Cholak

PRODUCTION EDITOR and MANAGER:
Martha Kummerer

## Volume 49, Number 3, 2008

## **CONTENTS**

Classifying the Branching Degrees in the Medvedev Lattice of $\Pi_1^0$ Classes.	
By Christopher P. Alfeld	227
The Logic of Conditional Negation.	
By John Cantwell	245
Common Knowledge of Rationality in Extensive Games.	
By Boudewijn de Bruin	261
Quantifier Elimination for a Class of Intuitionistic Theories.	
By Ben Ellison, Jonathan Fleischmann,	
Dan McGinn, and Wim Ruitenburg	281
Self-implications in BCI.	
By Tomasz Kowalski	295
Decomposable Ultrafilters and Possible Cofinalities.	
By Paolo Lipparini	307
Causality, Modality, and Explanation.	
By Graham White	313

The *Notre Dame Journal of Formal Logic* is published by Duke University Press on behalf of the University of Notre Dame.