NOTRE DAME JOURNAL OF FORMAL LOGIC

EDITORS: Michael Detlefsen Peter Cholak

PRODUCTION EDITOR and MANAGER:
Martha Kummerer

Volume 53, Number 2, 2012

CONTENTS

Provability and Interpretability Logics with Restricted Realizations. By Thomas F. Icard and Joost J. Joosten	133
Iteratively Changing the Heights of Automorphism Towers. By Gunter Fuchs and Philipp Lücke	155
The Set of Restricted Complex Exponents for Expansions of the Reals. By Michael A. Tychonievich	175
A Note on Induction, Abstraction, and Dedekind-Finiteness. By G. Aldo Antonelli	187
Definable Operators on Hilbert Spaces. By Isaac Goldbring	193
Weak Theories of Concatenation and Arithmetic. By Yoshihiro Horihata	203
A General Characterization of the Variable-Sharing Property by Means of Logical Matrices.	
By <i>Gemma Robles and José M. Méndez</i> Primitive Recursion and the Chain Antichain Principle.	223
By Alexander P. Kreuzer	245

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