

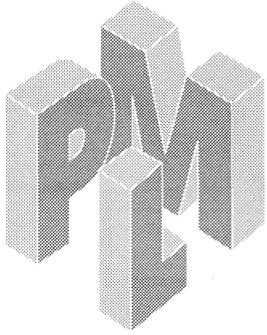
PERSPECTIVES IN MATHEMATICAL LOGIC

Steven Buechler

Essential Stability Theory



Springer



Perspectives
in
Mathematical Logic

Editors

S. Feferman W. A. Hodges
M. Lerman (Managing Editor) A. J. Macintyre
M. Magidor Y. N. Moschovakis

Springer

Berlin

Heidelberg

New York

Barcelona

Budapest

Hong Kong

London

Milan

Paris

Santa Clara

Singapore

Tokyo

Steven Buechler

Essential Stability Theory



Springer

Steven Buechler

Department of Mathematics
University of Notre Dame
Notre Dame, IN 46556, USA
e-mail: steven.a.buechler.1@nd.edu

Cataloging-in-Publication Data applied for

Die Deutsche Bibliothek - CIP-Einheitsaufnahme

Buechler, Steven:
Essential stability theory / Steven Buechler. - Berlin ;
Heidelberg ; New York ; Barcelona ; Budapest ; Hong Kong ;
London ; Milan ; Paris ; Santa Clara ; Singapore ; Tokyo :
Springer, 1996
(Perspectives in mathematical logic)
ISBN 3-540-61011-1

Mathematic Subject Classification (1991): 03C45

ISSN 0172-6641

ISBN 3-540-61011-1 Springer-Verlag Berlin Heidelberg New York

This work is subject to copyright. All rights are reserved, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in any other ways, and storage in data banks. Duplication of this publication or parts thereof is permitted only under the provisions of the German Copyright Law of September 9, 1965, in its current version, and permission for use must always be obtained from Springer-Verlag. Violations are liable for prosecution under the German Copyright Law.

© Springer-Verlag Berlin Heidelberg 1996
Printed in Germany

Typesetting: Camera-ready copy from the authors using a Springer T_EX macro package
SPIN 10478548 41/3143 - 5 4 3 2 1 0 - Printed on acid-free paper

Perspectives in Mathematical Logic

This series was founded in 1969 by the Omega Group consisting of R. O. Gandy, H. Hermes, A. Levy, G. H. Müller, G. E. Sacks and D. S. Scott. Initially sponsored by a grant from the Stiftung Volkswagenwerk, the series appeared under the auspices of the Heidelberger Akademie der Wissenschaften. Since 1986, *Perspectives in Mathematical Logic* is published under the auspices of the Association for Symbolic Logic.

Mathematical Logic is a subject which is both rich and varied. Its origins lie in philosophy and the foundations of mathematics. But during the last half century it has formed deep links with algebra, geometry, analysis and other branches of mathematics. More recently it has become a central theme in theoretical computer science, and its influence in linguistics is growing fast.

The books in the series differ in level. Some are introductory texts suitable for final year undergraduate or first year graduate courses, while others are specialized monographs. Some are expositions of well-established material, some are at the frontiers of research. Each offers an illuminating perspective for its intended audience.

*To my wife, Sally, and our children,
Ian, Jessica, Joel and Jeff*

