

CONTEMPORARY MATHEMATICS

751

Categorical, Homological and Combinatorial Methods in Algebra

AMS Special Session in honor of S.K. Jain's 80th Birthday
Categorical, Homological
and Combinatorial Methods in Algebra
March 16–18, 2018
Ohio State University, Columbus, Ohio

Ashish K. Srivastava
André Leroy
Ivo Herzog
Pedro A. Guil Asensio
Editors

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2010 *Mathematics Subject Classification*. Primary 16-06, 18-06.

Library of Congress Cataloging-in-Publication Data

Names: American Mathematical Society. Sectional meeting (2018: Columbus, Ohio) | Jain, S. K. (Surender Kumar), 1938– honoree. | Srivastava, Ashish K., editor. | Leroy, Andre (Andre Gerard), 1955– editor. | Herzog, Ivo, 1961– editor. | Guil Asensio, Pedro A., 1964– editor.

Title: Categorical, homological and combinatorial methods in algebra: AMS sectional meeting in honor of S.K. Jain's 80th birthday: Categorical, homological and combinatorial methods in algebra, March 16–18, 2018, Ohio State University, Columbus, Ohio / Ashish K. Srivastava, Andre Leroy, Ivo Herzog, Pedro A. Guil Asensio, editors.

Description: Providence, Rhode Island: American Mathematical Society, [2020] | Series: Contemporary mathematics, 0271-4132; volume 751 | Includes bibliographical references.

Identifiers: LCCN 2019056297 | ISBN 9781470443689 (paperback) | ISBN 9781470456085 (ebook)

Subjects: LCSH: Jain, S. K. (Surender Kumar), 1938—Congresses. | Categories (Mathematics)—Congresses. | Algebra, Homological—Congresses. | Combinatorial analysis—Congresses. | AMS: Associative rings and algebras – Proceedings, conferences, collections, etc. | Category theory; homological algebra

Classification: LCC QA169 .A474 2020 | DDC 512/.6–dc23

LC record available at <https://lccn.loc.gov/2019056297>

DOI: <https://doi.org/10.1090/conm/751>

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Dedicated to Prof. S. K. Jain on his 80th Birthday

Contents

Preface	ix
On the Morita equivalence class of a finitely presented algebra ADEL ALAHMADI, HAMED ALSULAMI, and EFIM ZELMANOV	1
Quillen–Suslin theory for classical groups: Revisited over graded rings RABEYA BASU and MANISH KUMAR SINGH	5
Natural elements of center of generalized quantum groups PUNITA BATRA and HIROYUKI YAMANE	19
The global dimension of the generalized Weyl algebras $S^{-1}K[H, C][X, Y; \sigma, a]$ V. V. BAVULA and K. ALNEFAIE	33
Quasi-quantum groups obtained from the Tannaka-Krein reconstruction theorem D. BULACU and B. TORRECILLAS	61
Homotopy categories of totally acyclic complexes with applications to the flat-cotorsion theory LARS WINTHER CHRISTENSEN, SERGIO ESTRADA, and PEDER THOMPSON	99
Tor-pairs: Products and approximations MANUEL CORTÉS-IZURDIAGA	119
Model structures and relative Gorenstein flat modules and chain complexes SERGIO ESTRADA, ALINA IACOB, and MARCO A. PÉREZ	135
Strongly flat modules and right noetherian chain domains ALBERTO FACCHINI and ZAHRA NAZEMIAN	177
Structure theory of graded regular graded self-injective rings and applications ROOZBEH HAZRAT, KULUMANI M. RANGASWAMY, and ASHISH K. SRIVASTAVA	191
On the bijectivity of the antipode and serial quantum groups MIODRAG CRISTIAN IOVANOV	205
Categories with negation JAIUNG JUN and LOUIS ROWEN	221
Quasi-Baer module hulls and their examples JAE KEOL PARK and S. TARIQ RIZVI	271

Strict Mittag-Leffler modules and purely generated classes PHILIPP ROTHMALER	303
Rings over which cyclic modules are almost self-injective SURJEET SINGH	329
On isoclasses of maximal subalgebras determined by automorphisms ALEX SISTKO	341

Preface

This volume contains the proceedings of the Special Session on Categorical, Homological and Combinatorial Methods in Algebra in the Sectional Meeting of the American Mathematical Society held on March 16-18, 2018, at the Ohio State University, Columbus, Ohio. This Special Session was dedicated to the 80th birthday celebrations of Professor S. K. Jain. The speakers at the Special Session included Fields medalist Professor Efim Zelmanov. Just like the session itself, the volume is dedicated to Professor Jain. S. K. Jain is a prolific researcher and has contributed immensely to the study of noncommutative rings and modules over them. We feel honored to do our small part to celebrate his life and accomplishments.

The articles of this volume aim to showcase the current state of art in categorical, homological and combinatorial aspects of algebra. For the most part, contributors to this volume delivered related talks at the Special Session. All papers were subject to a rigorous process of refereeing. We are thankful to all the participants and, in particular, to every contributor to this volume. We would like to thank all the anonymous referees for their careful reports submitted in a timely manner.

Finally, we would like to express our gratitude to Christine Thivierge for her help and support in the preparation of this volume.

Ashish K. Srivastava
André Leroy
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ISBN 978-1-4704-4368-9



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CONM/751