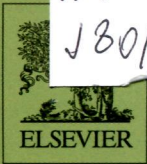


774
J80/ad



JOURNAL OF ALGEBRA

Editor-in-Chief

Michel Broué

**Editor of the section
on Computational
Algebra**

Gerhard Hiss

Founding Editor

G. Higman, 1964–1984

Editor-in-Chief

W. Feit, 1985–2000

Editorial Board

Nicolás Andruskiewitsch
Luchezar L. Avramov
Paul Balmer
Eva Bayer-Fluckiger
Inna Capdeboscq
Steven Dale Cutkosky
Alberto Elduque
Masaki Kashiwara
E.I. Khukhro

Shrawan Kumar
Kazuhiko Kurano
Gus I. Lehrer
Martin Liebeck
Gunter Malle
Volodymyr Mazorchuk
Louis Rowen
Leonard L. Scott, Jr.
Vera Serganova

Aner Shalev
V. Srinivas
J.T. Stafford
Gernot Stroth
Bernd Ulrich
Michel Van den Bergh
Changchang Xi

Section on Computational Algebra

Jon Carlson
John Cremona
Patrick Dehornoy
Derek Holt

William M. Kantor
Reinhard Laubenbacher
Eamonn O'Brien
Bruno Salvy

Seth Sullivant
Jean-Yves Thibon



Abstracted/indexed in Mathematical Reviews, Science Citation Index (ISI), Compumath Citation Index, Zentralblatt MATH, Current Contents: (PC & ES). Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.

CONTENTS

General Section

τ-Tilting theory and $*$-modules	1
Jiaqun Wei	
The homological theory of quasi-resolving subcategories	6
Xiaosheng Zhu	
Left 3-Engel elements in groups of exponent 5	41
Gunnar Traustason	
New simple groups with a BN-pair	72
Z. Ghadernezhad and K. Tent	
p-Supersolvability and actions on p-groups stabilizing certain subgroups	82
Yakov Berkovich and I.M. Isaacs	
Fratini argument for Hall subgroups	95
Danila Olegovitch Revin and Evgeny Petrovitch Vdovin	
\mathbb{P}^1-bundles admitting another smooth morphism of relative dimension one	105
Kiwamu Watanabe	
Lie monads and dualities	120
I. Goyvaerts and J. Vercruyssen	
Minkowski decomposition of Okounkov bodies on surfaces	159
Patrycja Łuszcz-Świdecka and David Schmitz	
Homological dimensions and strongly idempotent ideals	175
Dengming Xu	
The geometry of arithmetic noncommutative projective lines	190
A. Nyman	
Canonical bases and quantum coordinate algebras	241
Bin Li and Hechun Zhang	
Exact couples in semiabelian categories revisited	264
Yaroslav Kopylov and Sven-Ake Wegner	
Irreducible Virasoro modules from irreducible Weyl modules	271
Rencai Lu and Kaiming Zhao	

Continued on inside back cover

The Guide for Authors appears online on the journal homepage at <http://www.elsevier.com/locate/jalgebra>

Available online at www.sciencedirect.com

ScienceDirect



0021-8693(20140915)414:C;1-M

Continued from outside back cover

Modules with small Loewy length

Dave Benson and Fergus Reid

288

Addendum to “Frobenius and Cartier algebras of Stanley–Reisner rings” [J. Algebra 358 (2012) 162–177]

Josep Àlvarez Montaner and Kohji Yanagawa

300