



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

Steven Dale Cutkosky

Alberto Elduque

Dihua Jiang

Masaki Kashiwara

E.I. Khukhro

Shrawan Kumar

Kazuhiko Kurano

Gus I. Lehrer

Martin Liebeck

Volodymyr Mazorchuk

Louis Rowen

Leonard L. Scott, Jr.

Vera Serganova

Aner Shalev

Ronald Solomon

V. Srinivas

J.T. Stafford

Gernot Stroth

Bernd Ulrich

Michel Van den Bergh

Changchang Xi

Efim Zelmanov

Section on Computational Algebra

Jon Carlson

John Cremona

Patrick Dehornoy

Harm Derksen

Derek Holt

William M. Kantor

Reinhard Laubenbacher

Gunter Malle

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 SciVerse Scopus®. Full text available on SciVerse ScienceDirect®.

CONTENTS

General Section

The universal associative envelope of the anti-Jordan triple system of $n \times n$ matrices	1
Hader A. Elgendy	
Uniform bounds on symbolic powers	29
Ajinkya A. More	
Cohomology of affine Deligne–Lusztig varieties for GL_2	42
A. Ivanov	
About Leibniz cohomology and deformations of Lie algebras	63
A. Fialowski, L. Magnin, and A. Mandal	
Rings whose pure-injective right modules are direct sums of lifting modules	78
Pedro A. Guil Asensio and Derya Keskin Tütüncü	
Graded maximal Cohen–Macaulay modules over noncommutative graded Gorenstein isolated singularities	85
Kenta Ueyama	
Hyperringes and α^*-relations. A general approach	104
Cosmin Pelea	
Induction and restriction of characters and Hall subgroups	129
J.P. Cossey, I.M. Isaacs, and Mark L. Lewis	
Finitely generated algebras with involution and their identities	144
Irina Sviridova	
An analogue of the Kac–Weisfeiler conjecture	168
Akaki Tikaradze	
A constructive notion of codimension	178
Davide Rinaldi	
Nil clean rings	197
Alexander J. Diers	
On the quiver presentation of the descent algebra of the symmetric group	212
Marcus Bishop and Götz Pfeiffer	
The monomial conjecture and order ideals	232
S.P. Dutta	

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

