



# JAPANESE JOURNAL OF MATHEMATICS

## Editors

Yasuyuki  
KAWAHIGASHI  
The University of Tokyo

Toshiyuki  
KOBAYASHI  
The University of Tokyo

Hiraku NAKAJIMA  
RIMS, Kyoto University

Kaoru ONO  
RIMS, Kyoto University

Takeshi SAITO  
The University of Tokyo

Creative Research Surveys  
Peer reviewed

© 2011 Thomson Reuters, 2010 Journal Citation Reports®

Ranked 12th of 277 Math Journals  
for 5-year Impact Factor : 1.786

## Volume 8 2013

**Alberto De Sole, Victor G. Kac**

The Variational Poisson Cohomology

**Narutaka Ozawa**

About the Connes Embedding Conjecture:  
Algebraic Approaches

**Robert Seiringer**

Hot Topics in Cold Gases:  
A Mathematical Physics Perspective

**Alberto De Sole, Victor G. Kac**

Non-local Poisson Structures and Applications to the Theory  
of Integrable Systems

## Volume 7 2012

Y. Benoist, M. Gorelik, V.G. Kac, P. Möseneder Frajria, A. Naor,  
P. Papi, J.-F. Quint, I.E. Shparlinski, T. Sunada

## Volume 6 2011

S. Brendle, A. Connes, S. Gukov, C. Kenig, M. Mazur,  
B.V. Petrenko

## Volume 5 2010

M. Harris, U. Jannsen, C. Khare, M. Khovanov, M. Mazur,  
J. McKernan, B.V. Petrenko

## Volume 4 2009

A. Barakat, J.-P. Bourguignon, A. De Sole, É. Ghys, V.G. Kac,  
M. Kontsevich, D. McDuff, N.A. Nekrasov, H. Ooguri

## Volume 3 2008

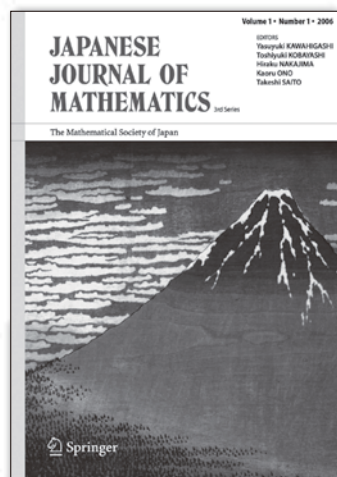
A.A. Davydov, C.F. Dunkl, G. Ishikawa, S. Izumiya, D. Lenz,  
J. Makino, P. Malliavin, M. Pevzner, N. Peyerimhoff, O. Post,  
W.-Z. Sun, I. Veselić, O. Viro, D.-V. Voiculescu

## Volume 2 2007

S. Bloch, F. Cucker, M. Fukushima, K. Itô, T. Kobayashi, S. Kojima,  
B. Krötz, J.-M. Lasry, P.-L. Lions, P. Malliavin, M.E. Mancino,  
H. McKean, K. Miyake, J. Pitman, M.C. Recchioni, P. Salminen,  
Ya.G. Sinai, S. Smale, D.W. Stroock, V. Turaev, P. Vallois,  
E.B. Vinberg, C. Voisin, M. Yor

## Volume 1 2006

V.I. Arnold, A. De Sole, S. Gindikin, L. Illusie, S. Iyanaga, V.G. Kac,  
S. Kojima, Y. Morita, K.-H. Neeb, B. Royquette, P. Vallois, M. Yor



Visit  
Now!

<http://www.springer.jp/JJM/>

Papers by TAKAGI LECTURERS  
are included.

## Submissions

Electronically prepared manuscripts (PDF or Postscript)  
to the editor by e-mail at

[jjm@mathsoc.jp](mailto:jjm@mathsoc.jp)

## For Libraries

Orders can either be placed via a bookseller or  
subscription agency or sent directly to Springer Japan.  
e-mail: [orders@springer.jp](mailto:orders@springer.jp)

## Subscription Information

ISSN print edition 0289-2316

ISSN electronic edition 1861-3624

List Price: **EUR198** (2 issues per year)