

Official Publication of the Mathematical Society of Japan



JAPANESE JOURNAL OF MATHEMATICS

Editors

Yasuyuki
KAWAHIGASHI
The University of Tokyo

Toshiyuki
KOBAYASHI
The University of Tokyo

Hiraku NAKAJIMA
RIMS, Kyoto University

Kaoru ONO
Hokkaido University

Takeshi SAITO
The University of Tokyo

Volume 4 Number 1 2009

Special Feature:

The 5th Takagi Lectures

M. Kontsevich

Holonomic D -modules and positive characteristic

J.-P. Bourguignon

Ricci curvature and measures

É. Ghys

Right-handed vector fields & the Lorenz attractor

N.A. Nekrasov

Instanton partition functions and M-theory

Volume 3 2008

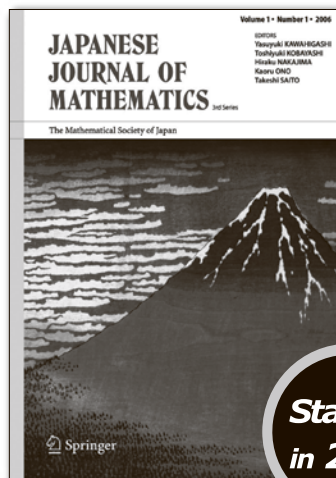
**A.A. Davydov, C.F. Dunkl, G. Ishikawa, S. Izumiya,
D. Lenz, J. Makino, P. Malliavin, M. Pevzner,
N. Peyerimhoff, O. Post, W.-Z. Sun, I. Veselić,
O. Viro, D.-V. Voiculescu**

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. Roynette, P. Vallois, M. Yor**



**Started
in 2006**

The Mathematical Society of Japan is proud to announce the debut of the third series of the *Japanese Journal of Mathematics* (JJM), the oldest continuously published mathematical journal in Japan.

From 2006, JJM will publish research survey articles of highest scientific level.

**Visit
Now!**

<http://www.math.or.jp/JJM/>

Submissions

The journal encourages authors to submit electronically prepared manuscripts (PDF or Postscript) to the editor by e-mail at

jjm@math.or.jp

or by postal mail at

Editorial Office of JJM
Mathematical Society of Japan
1-34-8 Taito, Taito-ku, Tokyo 110-0016, Japan
<http://www.math.or.jp/JJM/>

Orders

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

Subscription Information

ISSN print edition 0289-2316
ISSN electronic edition 1861-3624

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

The Mathematical Society of Japan, Tokyo