

## Home Page

The screenshot shows the journal's home page on the World Scientific website. The header includes the World Scientific logo and navigation links like 'Sign in', 'Register', 'Help', and 'Cart'. A search bar is present with options for 'Search', 'Citation', 'DOI / ISSN / ISBN', and 'Advanced Search'. The main content area is titled 'Reviews in Mathematical Physics' and features a 'Featured Articles: Best of 2016' section. Three articles are listed: 'A non-commutative framework for topological insulators' by C. Bourne, A. L. Carey, and A. Rennie; 'A mathematical analysis of the GW method for computing electronic excited energies of molecules' by Eric Cancés, David Gontier, and Gabriel Stoltz; and 'Stability of gas measures under perturbations and discretizations' by Roberto Fernández, Pablo Groisman, and Santiago Saglietti. A 'Superradiance initiated inside the ergoregion' article by Gregory Eskin is also mentioned. The page includes a 'This Journal' sidebar with a cover image and ISSN information, and a 'Site Tools' sidebar with options to recommend to a library or alert on new issues. A 'Related Books' section is also visible.

## Logo



## URL

<http://www.worldscientific.com/worldscinet/rmp>

## Subjects

Mathematics – Reviews – Periodicals  
Physics – Reviews – Periodicals

## Accessibility

On subscription basis

## Language

English

## Publisher

World Scientific Publishing

## Brief History

Reviews in Mathematical Physics is an international, peer reviewed scientific journal in the field of mathematical physics. The name is in references usually abbreviated as Rev. Math. Phys. The first issue appeared in 1989.

## Scope and Coverage

Reviews in Mathematical Physics fills the need for a review journal in the field, but also accepts original research papers of high quality. The review papers - introductory and survey papers - are of relevance not only to mathematical physicists, but also to mathematicians and theoretical physicists interested in interdisciplinary topics.

## Kind of Information

Reviews in Mathematical Physics includes topic like quantum theory, topological insulators, cubic symmetry, asymptotic fields in coulomb scattering, topological insulators, symmetric spaces, mathematical analysis, different operators, adjoint matrices, topological insulators, algebra models, particle quantum graph etc.

The image shows a screenshot of a journal website. At the top, it says "Volume: 28, Number: 10 (November 2016)" and provides links for "Add to Favorites", "Citation Alert", "View Abstracts", and "Send to Citation Mgr". Below this, there is a "Select All" checkbox and a "Review Papers" section. The first article listed is "Trace formulas for a class of non-Fredholm operators: A review" by Alan Carey, Fritz Gesztesy, Harald Grosse, Galina Levitina, Denis Potapov, Fedor Sukochev, and Dmitry Zanin. It includes the DOI, issue information, and links for "Abstract", "References", "PDF (734 KB)", and "PDF Plus (751 KB)". Other articles listed include "Notes on topological insulators", "Stability of gas measures under perturbations and discretizations", "He-McKellar-Wilken-type effect, quantum holonomies and Aharonov-Bohm-type effect for bound states from the Lorentz symmetry breaking effects", and "Generalized Connes-Chern characters in KK-theory with an application to weak invariants of topological insulators".

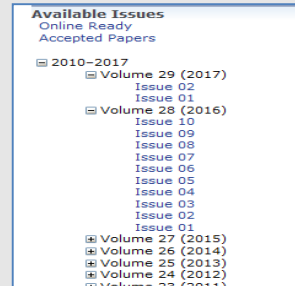
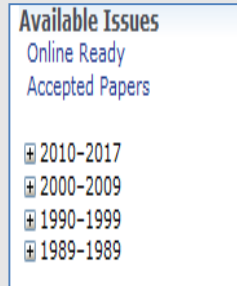
Below the list, a detailed view of the article "Trace formulas for a class of non-Fredholm operators: A review" is shown. It lists the authors: Alan Carey\*, Fritz Gesztesy<sup>†, ††</sup>, Harald Grosse<sup>‡</sup>, Galina Levitina<sup>§</sup>, Denis Potapov<sup>§</sup>, Fedor Sukochev<sup>§</sup>, and Dmitry Zanin<sup>§</sup>. It also provides footnotes for each author's affiliation: \*Mathematical Sciences Institute, Australian National University, Canberra, ACT 0200, Australia; †School of Mathematics and Applied Statistics, University of Wollongong, NSW 2522, Australia; ††Department of Mathematics, University of Missouri, Columbia, MO 65211, USA; ‡Faculty of Physics, University of Vienna, Boltzmanngasse 5, A-1090 Vienna, Austria; §School of Mathematics and Statistics, University of New South Wales, Kensington, NSW 2052, Australia; ††Present address: Department of Mathematics, Baylor University, One Bear Place #97328, Waco, TX 76798-7328, USA.

Articles are presented with reviewer's name & details, different equations, abstract, references, DOI number etc. The full text of an article can be seen after subscription. Each article can be downloaded in PDF format & even in PDF plus format.

## Special Features

- ❖ Linked with different scientific books.
- ❖ Connect with all the resources of World Scientific.
- ❖ Linked with Scientific write speaking guides.

**Arrangement Pattern** Volumes are arranged era wise (such as...2010's contains volumes from 2010-2017). Under a volume, issues are arranged chronologically. There are ten issues in a volume. Articles in an issue are arranged under 'Research Paper' & 'Review Papers'.



**Remarks** Reviews in Mathematical Physics is not only a valuable tool for mathematical physicists but also to others who are related to Science & whose works are related to Mathematics & also theoretical physicists.

- Comparable Tools**
- Annual Reviews ( <http://www.annualreviews.org/> )
  - Nature Reviews ( <http://www.nature.com/reviews/index.html> )
  - Journal of Scientific Review ( <http://www.srbmag.org/index.php/srbmag> )

**Date of Access** 8<sup>th</sup> March, 2017