

Home Page

Springer Link

Sign up / Log in English Academic edition

Search

Home • Contact Us

Browse Volumes & Issues

Search within this journal

Living Reviews in Relativity

ISSN: 2367-3613 (Print) 1433-8351 (Online)

Description

Living Reviews in Relativity is a peer-reviewed, full open access, and exclusively online journal, publishing freely available reviews of research in all areas of relativity. Articles are solicited from leading authorities and are directed towards the scientific community at or above the graduate-student level. The articles in *Living Reviews* provide critical reviews of the current state of research in the fields they cover. A ... [show all](#)

Browse Volumes & Issues

Impact Factor	Available
32.000	1998 - 2016

Latest

We use cookies to improve your experience with our site. [More information](#) [Accept](#)

Explore Must-Read Content for the Chinese New Year!

Logo

URL

<http://link.springer.com/journal/41114>

Subject

Physics – Reviews - Periodicals

Accessibility

Free

Language

English

Publisher

Springer International Publishing AG. Part of Springer Nature

Brief History

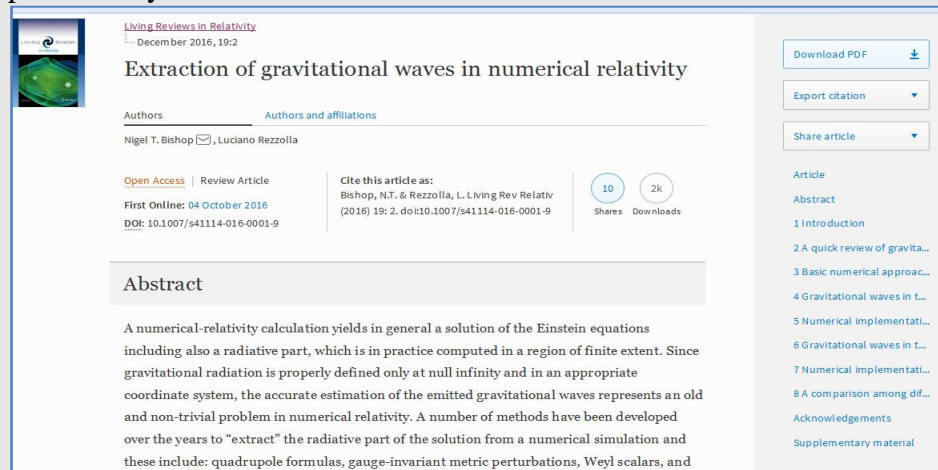
It was founded and published at the Max Planck Institute for Gravitational Physics from 1998-2015. After it was sold by Max Planck Society in June 2015, it is now published by the academic publisher Springer Science & Business Media.

Scope and Coverage

Living Reviews in Relativity is a peer-reviewed open-access scientific journal publishing reviews on relativity in the areas of physics and astrophysics. Articles are solicited from leading authorities and are directed towards the scientific community at or above the graduate-student level. The articles in Living Reviews provide critical reviews of the current state of research in the fields they cover.

Kind of Information

Living Reviews in Relativity is exclusively online journal, publishing freely available reviews of research in all areas of relativity. Review articles offers annotated insights into the key literature and describe other available resources. Living Reviews is unique in maintaining a suite of high-quality reviews, which are kept up-to-date by the authors.



The screenshot shows the article page for "Extraction of gravitational waves in numerical relativity" by Nigel T. Bishop and Luciano Rezzolla. The page includes a cover image, the title, authors, and a table of contents. The table of contents lists sections such as Introduction, a quick review of gravitational waves, basic numerical approaches, and various numerical implementations of the Cauchy-perturbative and characteristic approaches. It also includes acknowledgements and supplementary material.

After selecting a particular article from the journal, visitors can see the title, cover picture, authors, authors and affiliations, citation, review article, DOI number etc. All the review comes with various categories of information containing in content. Such as....

"Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo" ← this review article shows the categories like....

Article Abstract

1 Introduction

2 A quick review of gravitational waves

3 Basic numerical approaches

4 Gravitational waves in the Cauchy-perturbative approach

5 Numerical implementations of the Cauchy-perturbative approach

6 Gravitational waves in the characteristic approach

7 Numerical implementations of the characteristic approach

8 A comparison among different methods

Acknowledgements

Supplementary material

Appendix 1: Notation

Appendix 2: Spin-weighted spherical harmonics and the δ operator

Appendix 3: Computer codes and scripts

References
Copyright information
About this article

Visitors can download review articles in PDF format. Even citations can be export in .RIS, .ENW, .BIB format.

Special Features

- ❖ Links with journals like Classical and Quantum Gravitation, Relativity Theory Cosmology & Astrophysics and Astroparticles.
- ❖ Latest content is alerted to the users through RSS.

Arrangement Pattern

All the volumes & issues are arranged chronologically. In each issue review articles are arranged date of upload wise (chronologically).

The screenshot displays three main sections of the journal's interface. On the left, under 'All Volumes & Issues', there is a list of volumes from 13 to 19, each corresponding to a December issue. The middle section, 'In this issue (3 articles)', lists three review articles: 'Terrestrial Gravity Fluctuations' by Jan Harms, 'The Hubble Constant' by Neal Jackson, and 'Exploring New Physics Frontiers Through Numerical Relativity' by Vitor Cardoso, Leonardo Gualtieri, and Carlos Herdeiro. Each article has a 'Download PDF' and 'View Article' link. On the right, a box highlights 'Open Access | Review Article', 'First Online: 02 December 2015', and the DOI: 10.1007/lrr-2015-3.

Remarks

Living Review in Relativity is the part of the portal of Living Reviews. Its unique concept allows authors to regularly update their articles to incorporate the latest developments.

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>)
- Applied Physics Review (<http://aip.scitation.org/journal/are>)

Date of Access

31st January, 2017.