University of San Carlos
LIBRARY SYSTEM

OPEN ACCESS RESOURCES: Mathematics

1. **American Mathematical Society**

    AMS Publishing is a non-profit publisher committed to serving the mathematical community by providing unrestricted electronic access to AMS peer-reviewed scholarly journals. The AMS research journals fall under three open-access models: Diamond, Green, and Gold.

    From: https://www.ams.org/publications/journals/journals

2. **ATA Library**

    The Alberta Teacher's Association Library offers a large collection of professional development materials for teachers in both French and English languages, this includes open-access resources for Mathematics and other STEM-related education.

    From: https://teachers-ab.libguides.com/c.php?g=711542&p=5071244

3. **arXiv**

    arXiv is a free distribution service and an open-access archive, holding 1,967,618 scholarly articles in the fields of physics, mathematics, computer science, quantitative biology, finance, statistics, economics, and electrical engineering.

    From: https://arxiv.org/archive/math

4. **CIMPA**

    The Centre International de Mathématiques Pures et Appliquées (CIMPA) is a non-profit organization that promotes research in Mathematics in developing countries. It aims to encourage authors to publish their works in open-access scientific journals, to be deposited in open-access repositories. Some of the Mathematical Resources found in CIMPA include journals that apply a diamond open-access policy, general digital repositories, subject repositories, and other links of interest.

    From: https://www.cimpa.info/en/node/62

5. **Cornell University Library**

   The Cornell University Library's Historical Math Monographs Collection offers 576 digital surrogates of math books (512 titles, 576 volumes) for open access. All materials within the site were part of the joint digital preservation study between Cornell University and Xerox Corporation.

   From: http://historical.library.cornell.edu/math/browse/title/a.php

6. **ELibM**

   The Electronic Library of Mathematics (ELibM) consists of online journals, article collections, monographs, and other electronic resources in the field of mathematics. All materials are free for access except for some periodicals that may take a while before they become freely available.

   From: https://www.emis.de/ELibM.html

7. **EMS Publishing House**

   The European Mathematical Society Publishing House is a non-profit organization dedicated to publishing high-quality peer-reviewed journals and books on all academic levels, particularly in the field of pure and applied mathematics.

   From: https://www.ems-ph.org/journals/journals.php

8. **Frontiers in Applied Mathematics and Statistics**

   Frontiers in Applied Mathematics and Statistics publishes peer-reviewed research in the multidisciplinary areas of applied and applicable mathematics and statistics. Led by Prof. Charles K. Chui from Stanford University, this database disseminates and communicates scientific knowledge and impactful discoveries worldwide.

   From: https://www.frontiersin.org/journals/applied-mathematics-and-statistics#articles

9. **Mathematics**

   Mathematics is a peer-reviewed open access journal that provides an advanced forum for math-related studies. Published semimonthly by MDPI online, most of its journals are indexed within Scopus, SCIE (Web of Science), and many other databases.

   From: https://www.mdpi.com/journal/mathematics

10. Merlot Mathematics

MERLOT provides access to curated online learning materials and content creation tools, led by an international community of researchers, educators, and learners. MERLOT's mathematical portal offers the best mathematical resources hosted on the Internet.

From: https://www.merlot.org/merlot/Mathematics.htm

11. Modestum

Modestum is one of the leading scientific platforms for scholars around the globe, delivering articles of the highest standards, accessible to all readers or libraries without any additional subscription charges. In 2017, Modestum started publishing *EURASIA Journal of Mathematics, Science and Technology Education* and *Journal of Clinical and Experimental Investigations*. In 2018, the *Electronic Journal of General Medicine*, and in 2019, the *International Electronic Journal of Mathematics Education*, and *Pedagogical Research*.

From: https://www.modestum.co.uk/journals

12. Open Mathematics

Open Mathematics is a fully peer-reviewed, open-access, e-journal that publishes significant, original, and relevant works in all areas of mathematics. The journal provides its readers with free, instant, and permanent access to all contents located worldwide.

From: https://www.degruyter.com/journal/key/math/html?lang=en

13. SCIRP

Scientific Research Publishing (SCIRP) is one of the largest open-access journal publishers with more than 200 open-access, online, and peer-reviewed journals that cover a wide range of academic disciplines. Some of the subjects it caters to are biomedical & life sciences, business & economics, chemistry & material science, computer science & communications, earth & environmental sciences, engineering, medicine & healthcare, physic & mathematics, and social sciences & humanities.

From: https://www.scirp.org/journal/categoryofjournal.aspx?categoryid=8

14. **SpringerOpen**

   SpringerOpen is Springer's portfolio of fully open-access journals and books, covering all areas of science. Publishing a lead collection of nearly twenty mathematical journals, SpringerOpen offers some of the oldest and largest open access journals in mathematics for free.

   From: https://www.springeropen.com/p/mathematics

15. **zbMATH Open**

   zbMATH Open (formerly known as Zentralblatt MATH) is the world's most comprehensive and longest-running abstracting and reviewing service in pure and applied mathematics. Currently, it contains around 4.2 million bibliographic entries with reviews or abstracts from more than 3,000 journals and 190,000 books from the 18th century to the present day.

   From: https://zbmath.org/classification/