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MathSciNet® is an electronic publication offering access to a carefully maintained and easily searchable database of reviews, abstracts and bibliographic information for much of the mathematical sciences literature. Over 125,000 new items are added each year, most of them classified according to the Mathematics Subject Classification. Authors are uniquely identified (by their MR Author ID), enabling a search for publications by individual author rather than by name string. Continuing in the tradition of the paper publication, *Mathematical Reviews* (MR), which was first published in 1940, expert reviewers are selected by a staff of professional mathematicians to write reviews of the current published literature; over 90,000 reviews are added to the database each year. Extending the MR tradition, MathSciNet® contains over 3.6 million items and over 2.3 million direct links to original articles. Bibliographic data from retrodigitized articles dates back to the early 1800s. Reference lists are collected and matched internally from approximately 650 journals, and citation data for journals, authors, articles and reviews is provided. This web of citations allows users to track the history and influence of research publications in the mathematical sciences.

What's new

March 22, 2019

- Two New Search Features Were Added

  The ability to search by DOI has been added to the Publications tab search.

  Lists of publications resulting from a search can now be sorted by number of authors.

  See the Beyond Reviews blog for full details

January 6, 2018

- Auto-suggest in Author Tab and Journal Tab Searches

  Both the search through the author database offered in the Authors tab and the search through the journal database offered in the Journals tab now include an auto-suggest feature. Typing a few characters produces a list of options in each search, with sorting that makes it more likely that one of the top few results offered is the one you want. Read more on the Beyond Reviews blog.

January 3, 2017

- Search Result Sorting and Faceting

  Search result lists are now sortable in a number of different ways, such as forward and reverse chronologically and by citations.

  Search result lists now include facets that allow users to filter and refine searches by author, journal, or year. Users are able to "search within results" to refine their queries even further.

  Watch a video explaining some of the new sorting and faceting improvements.

January 1, 2016

- New Author Profile personalization element added

  A new element of personalization is now available: Full name in native script. You may enter your name in any script encoded in UTF-8. This personalization element adds to the three personalization elements added in 2014: personal photograph, personal e-mail address, and personal URL.

- Public Author Profile page

  A portion of the information available on a MathSciNet Author Profile page is now freely available outside of a MathSciNet subscription. Any personalization added to the profile is part of the freely available data. The URL that points to an MR Author Profile page is of the form

  http://www.ams.org/mathscinet/MRAuthorID/<MR Author ID Number>

  For example, the link to David Hilbert's page is:

  http://www.ams.org/mathscinet/MRAuthorID/85745

  When someone who has access to MathSciNet clicks a link of this form, they are taken to the full author profile in MathSciNet. Everyone else is taken to the freely available short version of the MR Author Profile. It is an ideal link to place on your personal home page.

June 5, 2015

- Complete run of Crelle's journal added

  MathSciNet now contains DML entries for Crelle's Journal (Journal für die Reine und Angewandte Mathematik) from 1826 through 1939, adding to the regular entries from when coverage in Mathematical Reviews began in 1940. This is thanks to the generosity of the publisher, de Gruyter, who contributed to MR the metadata that made construction of DML entries possible. The contribution of data from de Gruyter joins the contributions from the American Mathematical Society, JSTOR, Oxford University Press, Project Euclid, NUMDAM, and Springer-Verlag, making a total of 79,910 DML entries added since 2003.

For the history of MathSciNet® versions please see the What's New Archive.

Searching in MathSciNet®

The home page has tabs for searching the five main areas of the database. These tabs are as follows.

Publications searches the review database and returns bibliographic data, reviews and (when available) linked reference lists for article and book listings.

Authors searches the author database and returns authors identified uniquely according to their publications as well as a listing of name variations.
To help identify an individual, there is now a sample publication visible by sliding the cursor over an icon. This publication is either a frequently cited or a recently published item.
Once an author is selected, one may view the author/related publications, do a publications search with the author automatically entered in the author search field, find coauthors or collaboration distances and make a link to all of an author's MathSciNet® listings.

Journals searches the MR journal database and returns a journal or list of journals with links to bibliographic information, publisher websites, and issues listed in MathSciNet®.

Author Citations returns up to 10 items ordered by the number of matched references in MathSciNet® reference lists.

Journal Citations returns information about citations to the journal of interest based on matched reference lists from MathSciNet®.

The four tabs on the Free Tools page are the following:

Search MSC offers a search of the Mathematics Subject Classification scheme.
Collaboration Distance finds a shortest publications-path between two authors.
Current Journals lists those journals indexed in MathSciNet® within the past six weeks.
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A list of the serials and journals from which bibliographic data is currently being added to the database is available as a PDF file or in CSV file for Excel. See the MR Editorial Statement for a fuller description of the scope of the database.

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The Guide for Reviewers gives guidelines on content and style of reviews as well as instructions for submitting reviews. Reviews may easily be submitted via the Review Submissions webpage.

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