

# MathSciNet

## [Connect to MathSciNet](#)

MathSciNet is the major search tool for journal articles on mathematics and statistics topics. The resource also indexes books and proceedings.

Here is the search screen. Various aspects of the page are pointed out:

The screenshot shows the MathSciNet search interface with several callout boxes pointing to specific features:

- Search to see who has cited a specific author.** Points to the **Authors** tab.
- Change display and language options.** Points to the **Preferences** link in the top navigation bar.
- Search Mathematics Subject Classification, collaborative distance (publication relationships), list journals indexed within past 6, or view items with a specific classification indexed within the past 6 months.** Points to the **Other Tools** link.
- Search for journals cited in other MathSciNet – indexed articles.** Points to the **Journal Citations** tab.
- Search by journal name** points to the **Journals** tab.
- Search by author name.** points to the **Authors** tab.
- Use and, or, & not to limit or expand your search.** Points to the **and** dropdown menus in the search terms section.
- Limit to a specific publication type.** Points to the **Publication Type** section with radio buttons for All, Books, Journals, and Proceedings.
- Limit to a year, before/after a year, or range of years.** Points to the **Time Frame** section with options for Year and Year Range.
- The dropdown box allows you to search a variety of fields.** Points to the dropdown menu in the bottom left corner.

**Search Terms**

Anywhere [dropdown] [input] and [dropdown]  
Title [dropdown] [input] and [dropdown]  
MSC Primary [dropdown] [input] and [dropdown]  
Anywhere [dropdown] [input]

**Time Frame**

Entire Database  
 Year = [dropdown] [input]  
 Year Range: [input] to [input]

**Publication Type**

All  Books  Journals  Proceedings

**Search Tips**

- Use AND, OR, and NOT to refine your search.
- Use the wildcard \* to find all words with the same base. For example:  
spher\* will find: sphere, spheres, spherical, spheroid, and others.
- Authors may be cited differently from journal to journal. For example, Stephen Hawking may appear as:  
Hawking, Stephen      Hawking, Stephen W.  
Hawking S              Hawking SW  
Hawking, Stephen William  
You can find all the above by doing the author search:  
Hawking, S\*

**Search Fields**

- Author
- Author/Related
- Title
- Review Text
- Journal
- Institution Code
- Series
- MSC Primary/Secondary
- MSC Primary
- MR Number
- Reviewer
- Anywhere
- References

When you do a search, you will get a results screen that looks like this. Any items that are linked (such as authors, journal titles, issue numbers, or subject classification), will take you to items with that same criterion.

Here is where you find information about the results. You will see the search done, number of matches, and options for marked items.

Don't forget to use the help area if needed!

The screenshot shows the MathSciNet search results interface. At the top, there are navigation links: Home, Help, and Support Mail. Below this, the American Mathematical Society logo and 'MathSciNet Mathematical Reviews on the Web' are displayed. The search results section shows 'Matches: 21' and a 'Show all results' link. There are also links for 'Select Page: Previous 1 2 Next'. A 'Batch Download' dropdown menu is set to 'Reviews (HTML)', with options for 'Retrieve Marked', 'Retrieve First 50', and 'Unmark All'. The search query is 'Publications results for "Anywhere=(evolute) AND Anywhere=(sphere)"'. Two search results are listed, each with a checkbox, a 'Find It!' button, and a 'FIND' icon. The first result is 'MR2316715 Izumiya, Shyuichi; Takahashi, Masatomo Spacelike parallels and evolutes in Minkowski pseudo-spheres. J. Geom. Phys. 57 (2007), no. 8, 1569--1600. 53Axx (57R45 58Kxx)'. The second result is 'MR2239287 (2007a:70003) Das, Tuhin; Mukherjee, Ranjan Reconfiguration of a rolling sphere: a problem in evolute-involute geometry. Trans. ASME J. Appl. Mech. 73 (2006), no. 4, 590--597. 70B10 (70E18 70E60 70F25)'. Callout boxes provide instructions: one points to the search summary area, another to the 'Find It!' button, and a third to the 'MR...' link in the first result.

Click on the **MR...** to get more information about the item, including a review, subject headings, etc.

Clicking **Find It!** will take you to a screen that shows availability of electronic/print access, or a link to request the item via interlibrary loan.

## Suggestions

- When looking at an individual item, you sometimes have the option to look at the item's references, which are linked to the items' entries (if covered) in MathSciNet.
- Use the classification number on a good result to find similar items.
- Use the help (found in the upper left-hand corner of every page) if you are having difficulty.
- Use the check boxes to mark items and the menu above the results for retrieving a list of marked items.
- You can contact the Mathematical Sciences Librarian at [dotson.77@osu.edu](mailto:dotson.77@osu.edu) for further assistance.