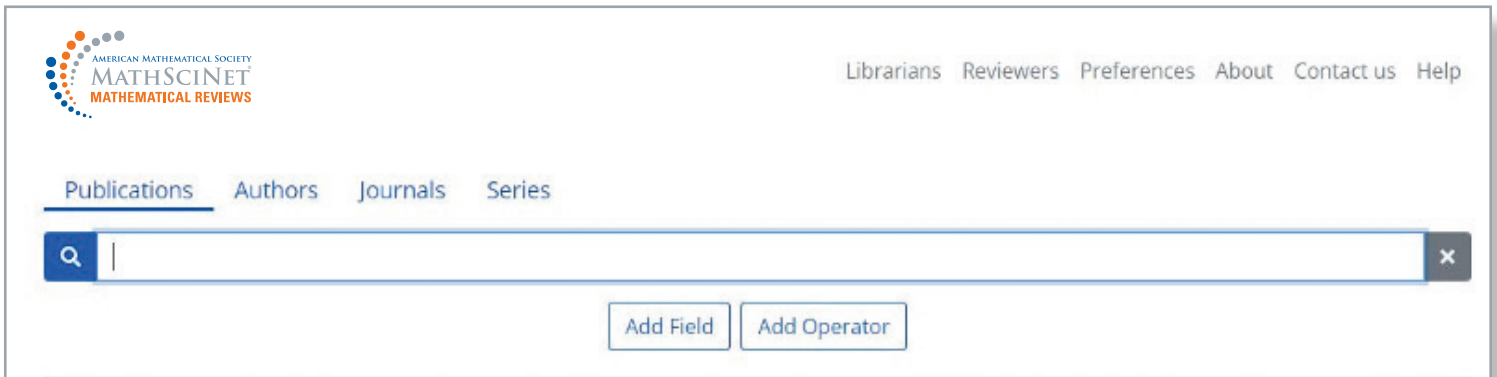


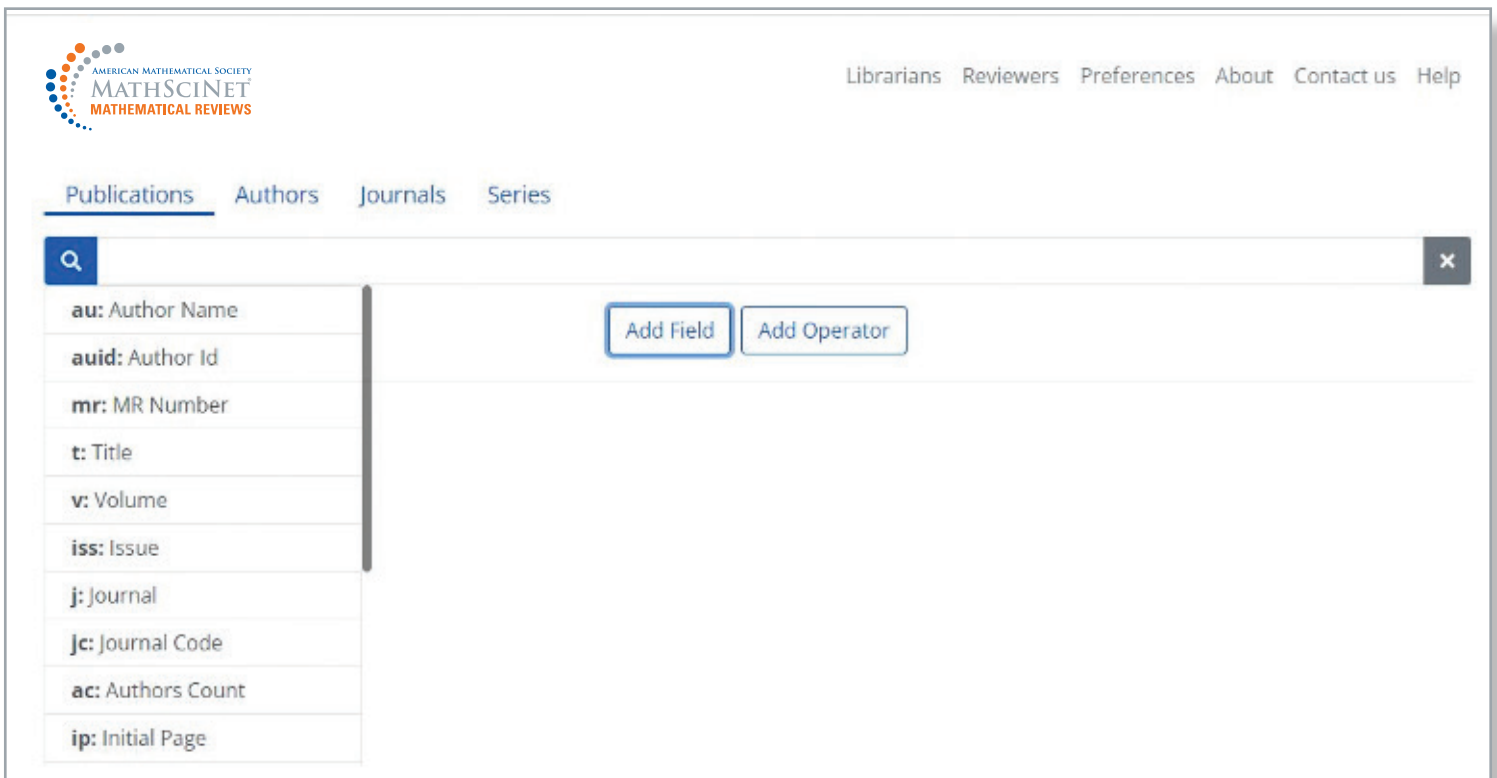
1 FIND AN ARTICLE OR BOOK

With the **new MathSciNet interface**, you can now simply enter a value to begin your search.



The screenshot shows the MathSciNet search interface. At the top left is the logo. On the right, there are links for Librarians, Reviewers, Preferences, About, Contact us, and Help. Below these are navigation tabs for Publications, Authors, Journals, and Series. A search bar is present with a magnifying glass icon on the left and a close icon on the right. Below the search bar are two buttons: "Add Field" and "Add Operator".

Or you can add a field (or several) to narrow your search.

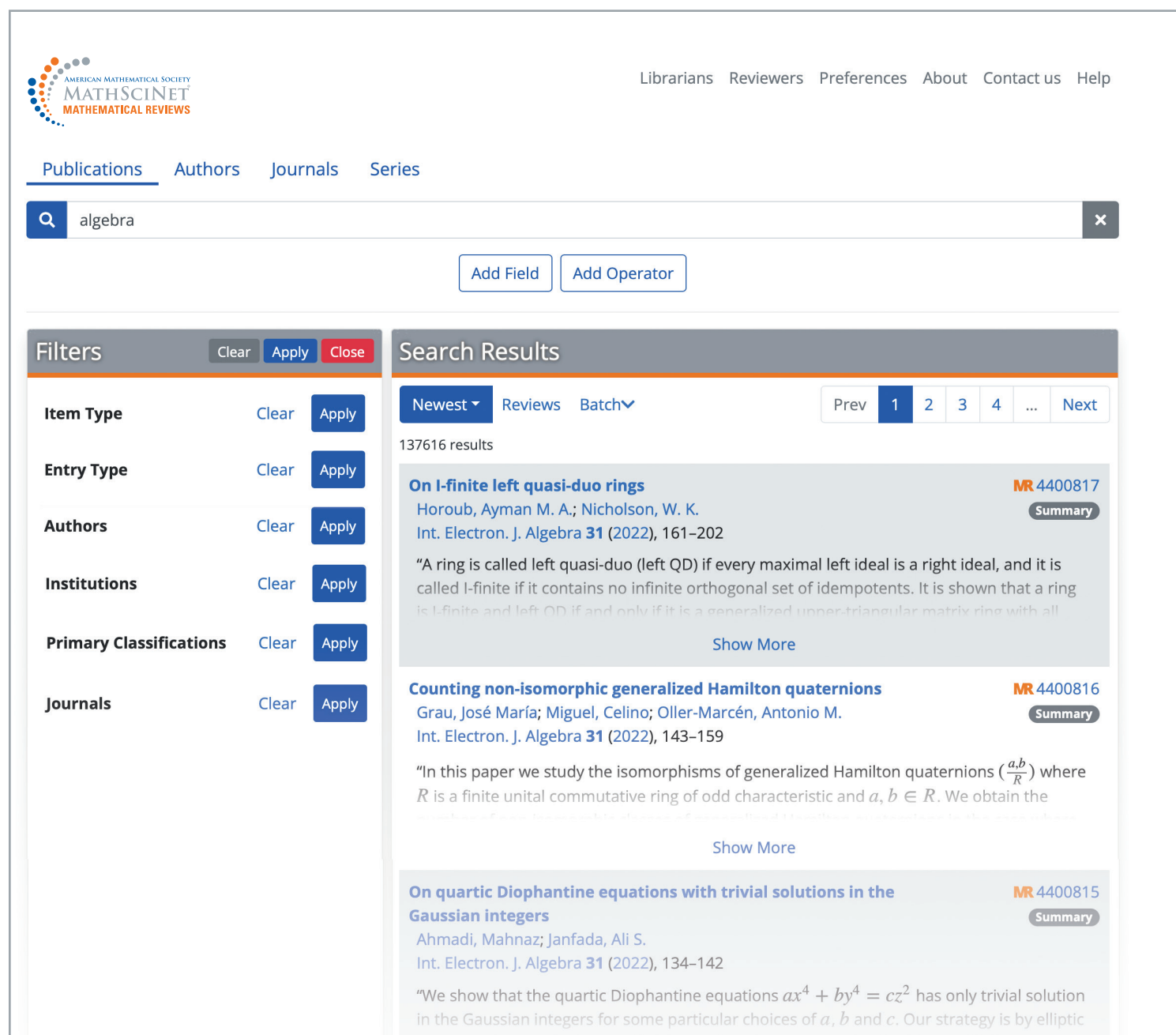


This screenshot shows the same search interface as above, but with a dropdown menu open below the search bar. The dropdown menu lists the following search fields: au: Author Name, auid: Author Id, mr: MR Number, t: Title, v: Volume, iss: Issue, j: Journal, jc: Journal Code, ac: Authors Count, and ip: Initial Page. The "Add Field" and "Add Operator" buttons are still visible to the right of the dropdown menu.

From the results list, click on the MR Number to see detailed information about the publication, including a review (where available), citation information, and a direct link to the original article.

Sort your results list by publication date (oldest or newest), number of citations, or number of authors.

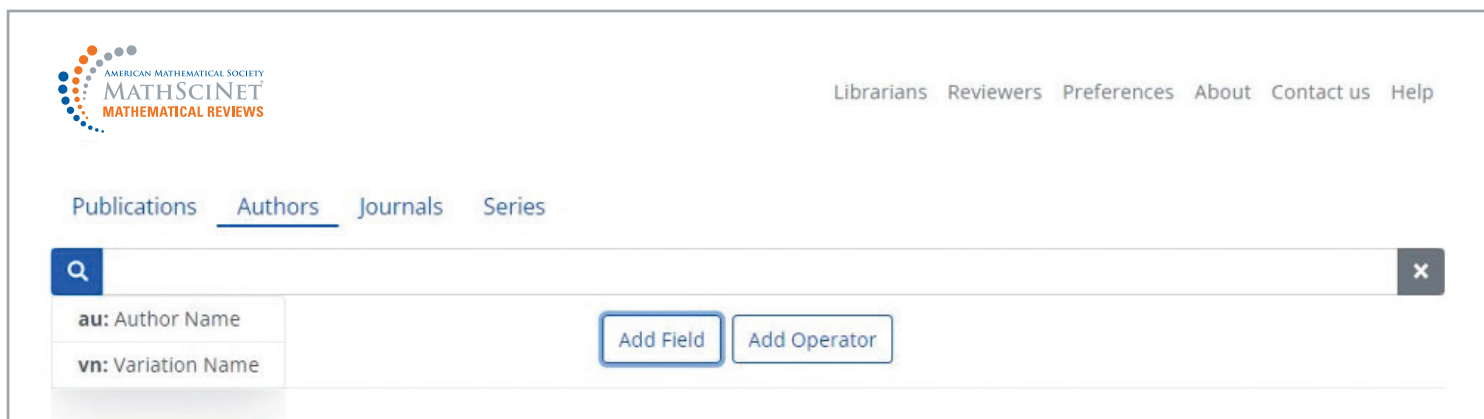
Use the filters to refine any search results by item type, institution, author, subject classification, journal, or year.



The screenshot shows the MathSciNet search interface. At the top left is the MathSciNet logo. On the right, there are navigation links: Librarians, Reviewers, Preferences, About, Contact us, and Help. Below the logo is a navigation menu with 'Publications' selected, and other options: Authors, Journals, and Series. A search bar contains the text 'algebra'. Below the search bar are buttons for 'Add Field' and 'Add Operator'. The main content area is divided into two sections: 'Filters' on the left and 'Search Results' on the right. The 'Filters' section has a 'Clear' button and 'Apply' and 'Close' buttons. It lists several filter categories: Item Type, Entry Type, Authors, Institutions, Primary Classifications, and Journals, each with a 'Clear' button and an 'Apply' button. The 'Search Results' section has a 'Newest' dropdown menu, 'Reviews', and 'Batch' options. It shows a pagination bar with 'Prev', '1', '2', '3', '4', '...', and 'Next'. Below this, it indicates '137616 results'. The first result is titled 'On I-finite left quasi-duo rings' with MR number 4400817. The author is Horoub, Ayman M. A.; Nicholson, W. K. The journal is Int. Electron. J. Algebra 31 (2022), 161-202. A 'Summary' button is next to the MR number. The abstract text is partially visible: "A ring is called left quasi-duo (left QD) if every maximal left ideal is a right ideal, and it is called I-finite if it contains no infinite orthogonal set of idempotents. It is shown that a ring is I-finite and left QD if and only if it is a generalized upper-triangular matrix ring with all...". A 'Show More' button is at the bottom of the abstract. The second result is titled 'Counting non-isomorphic generalized Hamilton quaternions' with MR number 4400816. The authors are Grau, José María; Miguel, Celino; Oller-Marcén, Antonio M. The journal is Int. Electron. J. Algebra 31 (2022), 143-159. A 'Summary' button is next to the MR number. The abstract text is partially visible: "In this paper we study the isomorphisms of generalized Hamilton quaternions $(\frac{a,b}{R})$ where R is a finite unital commutative ring of odd characteristic and $a, b \in R$. We obtain the...". A 'Show More' button is at the bottom of the abstract. The third result is titled 'On quartic Diophantine equations with trivial solutions in the Gaussian integers' with MR number 4400815. The authors are Ahmadi, Mahnaz; Janfada, Ali S. The journal is Int. Electron. J. Algebra 31 (2022), 134-142. A 'Summary' button is next to the MR number. The abstract text is partially visible: "We show that the quartic Diophantine equations $ax^4 + by^4 = cz^2$ has only trivial solution in the Gaussian integers for some particular choices of a, b and c . Our strategy is by elliptic...".

2 LOOK UP AN AUTHOR

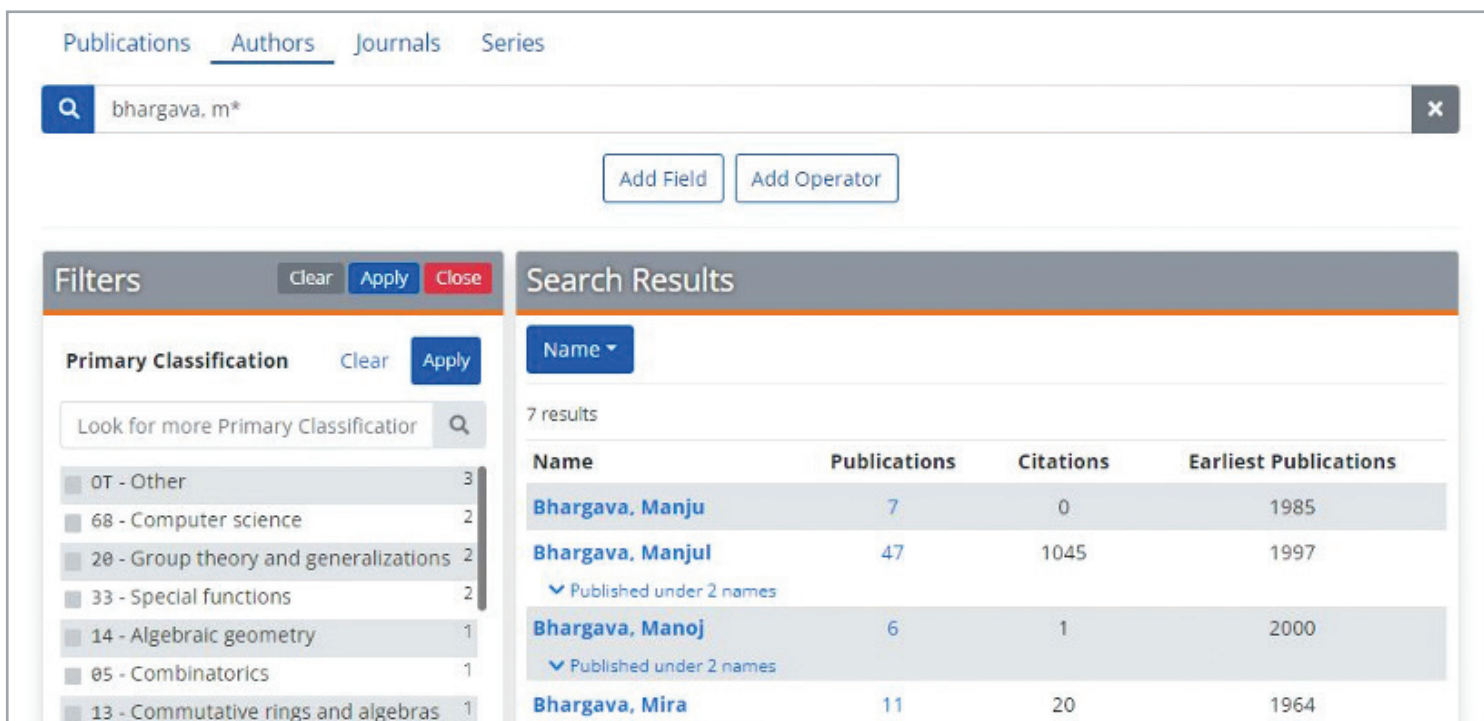
Head to the Authors tab to search for a specific author. In Author Searches, the order of the names does not matter. As you type, the auto-suggest feature will suggest possible matches.



From the results list, click on an author's name to view their author profile.

You may sort your results list by name, number of publications, number of citations, or earliest publication.

Use the filters to narrow your results by primary classification.



3 LOOK UP A JOURNAL OR BOOK SERIES

Book series pages are a new addition to MathSciNet and the journal and series searches function similarly. You can enter title terms in any order. The auto-suggest feature will begin suggesting up to ten completions. Here is a book series search starting with just the word "Proceedings":

The screenshot shows the search interface with the 'Series' tab selected. The search term 'proceedings' is entered, and a list of suggestions is shown. A callout box explains that users can either hit 'Enter' to search for all series with the word in the title, or click on a suggestion to search for that specific series title.

The detailed profile for the 'IFAC Proceedings Series' is shown below. It includes a 'Series Details' table and sections for 'Recent Volumes' and 'Series Title History'.

Series Details	
Title	IFAC Proceedings Series
Abbreviation	IFAC Proc. Ser.
Publisher	IFAC
Websites	N/A
ISSN	N/A
Publications Listed	350
Reference Lists	N/A
Latest Volume	1997
Earliest Volume	1982
Publications Cited	33 (9.4% of publications)
Citations	110 from 109 publications

Recent Volumes

- 1997, Singular solutions and perturbations in control systems. [Status History](#)
- 1984, Fuzzy information, knowledge representation and decision analysis. [Status History](#)
- 1984, Large scale systems: theory and applications 1983. [Status History](#)

[List All Volumes](#)

Series Title History

Title	Start	End
IFAC Proc. Ser.	1982	1997

[View Details](#)

Both the journal and series profile pages provide bibliographic information and details. Additional sections provide more in-depth information:

Recent Volumes/Issues displays the most recent issues covered in the database, with a link to all available issues.

Title History brings together information on past incarnations of the title, with a complete title history.

Mathematical Citation Quotient displays information about citations to publications in the title from reference list in the MR database, in graphical or tabular form.

Citations presents data on the citations to the publication, with options to look at the data by publication year of the cited papers or by the year of the citations.

Additional sections display **Publications per Year**, top **Mathematics Subject Classifications** in the title, and **Top Authors**.

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