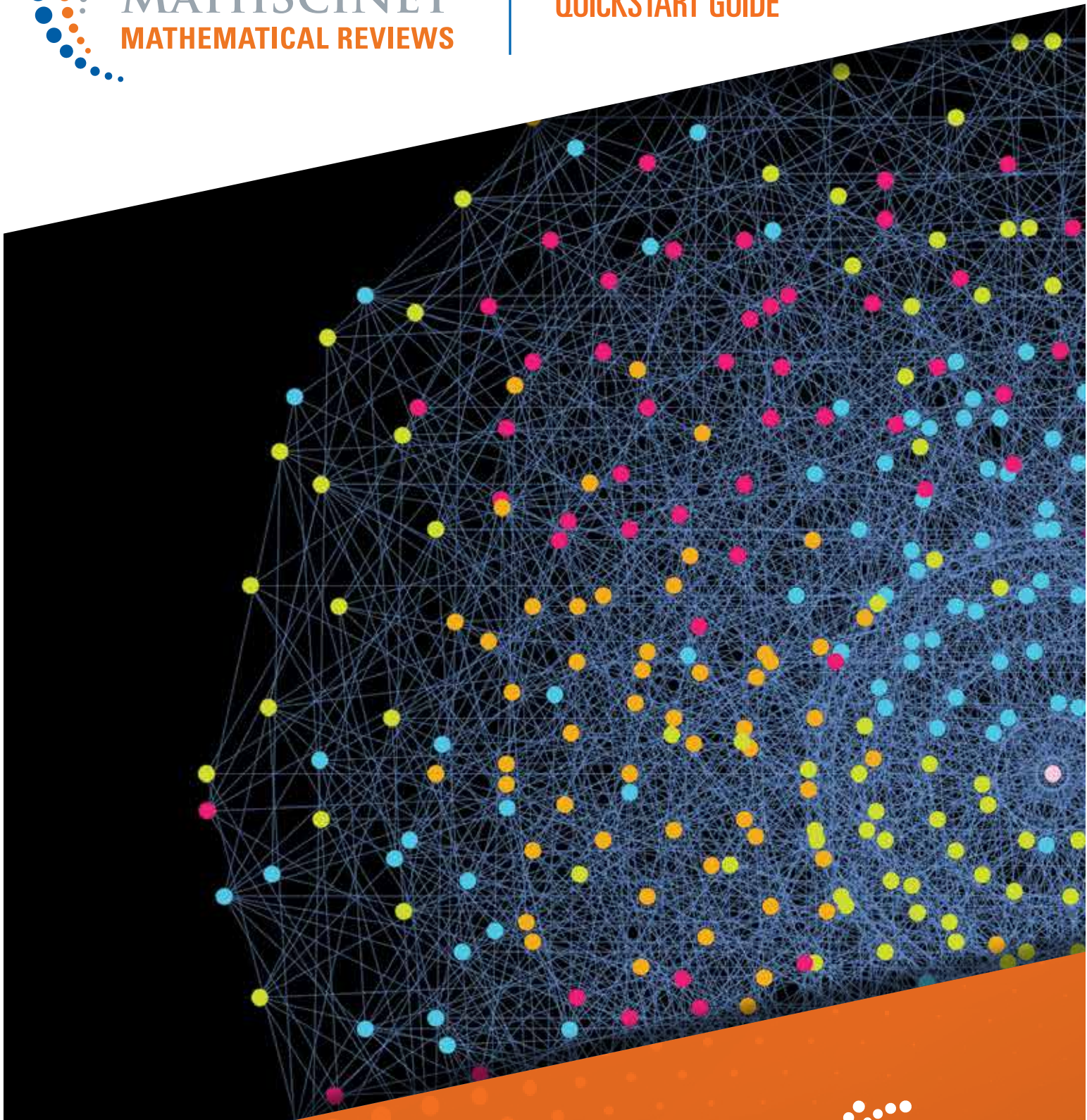


QUICKSTART GUIDE



1 FIND AN ARTICLE OR BOOK

MathSciNet uses a fielded search. You can use one field or any combination of up to four fields on the Publications tab search.

The pull-down menus give you access to additional fields and Boolean operators not seen here.



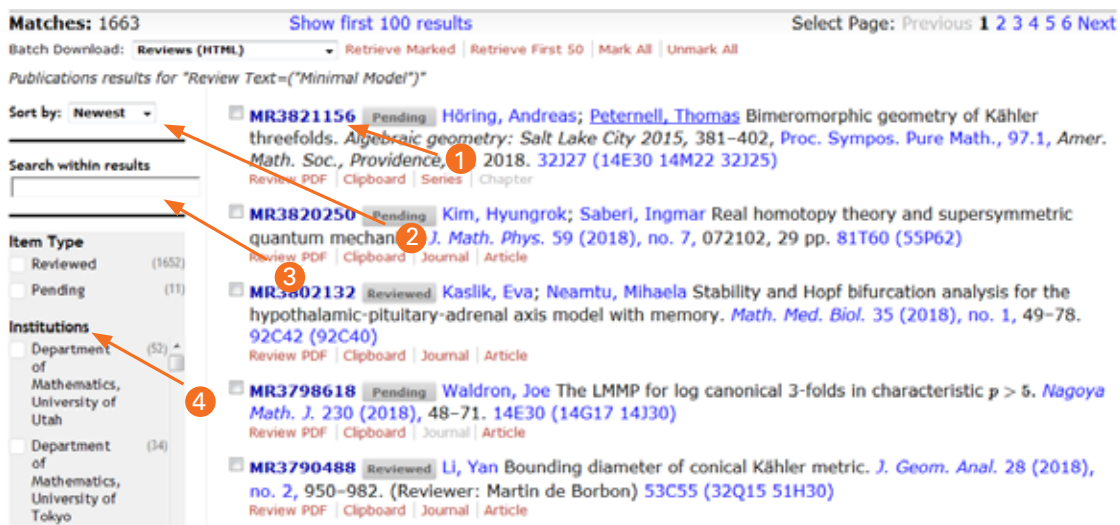
The screenshot shows the 'Publications' search interface. It has four tabs: 'Publications', 'Authors', 'Journals', and 'Citations'. Below the tabs is a 'Search Terms' section with four rows. Each row has a dropdown menu for the search field (Author, Title, MSC Primary, Anywhere), an empty text input box, and a dropdown menu for the Boolean operator (and).

Quick tip: Reviews are one of MathSciNet's most useful features. Written by invited, expert mathematicians, they describe and evaluate an article or book and put it into the context of other published research.

From the results list **1**, click on the MR Number (which appears at the beginning of each result) to see detailed information about the publication, including a review (in most cases), citation information, and a direct link to the original article.

Sort **2** your results list by publication date (oldest or newest), number of citations, or number of authors.

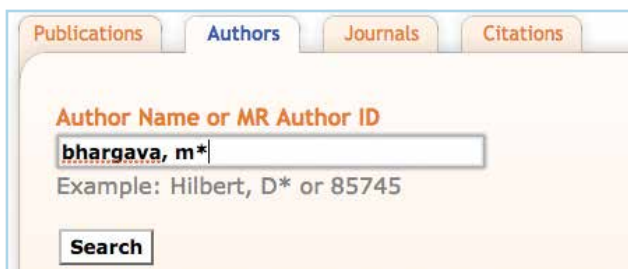
Use the "Search within results" field **3** to refine any search result set, or use the search results facets **4** to narrow your results by item type, institution, author, subject classification, journal, or year.



The screenshot shows a search results page for "Review Text=(Minimal Model)". At the top, it says "Matches: 1663" and "Show first 100 results". There are navigation links for "Select Page: Previous 1 2 3 4 5 6 Next". Below that, there are links for "Batch Download: Reviews (HTML)", "Retrieve Marked", "Retrieve First 50", "Mark All", and "Unmark All". The search results are sorted by "Newest". The first result is "MR3821156" by Høring, Andreas; Peternell, Thomas. The second result is "MR3820250" by Kim, Hyungrok; Saberi, Ingmar. The third result is "MR3802132" by Kaslik, Eva; Neamtu, Mihaela. The fourth result is "MR3798618" by Waldron, Joe. The fifth result is "MR3790488" by Li, Yan. On the left side, there are facets for "Item Type" (Reviewed: 1652, Pending: 11) and "Institutions" (Department of Mathematics, University of Utah: 52, Department of Mathematics, University of Tokyo: 34). Red arrows point to: 1. The MR number "MR3821156" in the first result. 2. The "Sort by: Newest" dropdown menu. 3. The "Search within results" input field. 4. The "Institutions" facet sidebar.

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.



Publications Authors Journals Citations

Author Name or MR Author ID

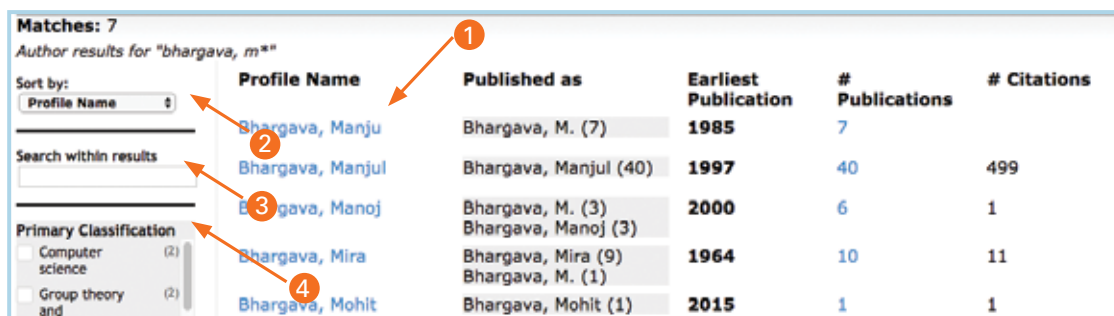
Example: Hilbert, D* or 85745

Search

From the results list **1**, click on an author's name to view their author profile.

You may sort **2** your results list by name, number of publications, number of citations, or earliest publication.

Use the "Search within results" field **3** to refine the search within the result set, or use the search results facets **4** to narrow your results by primary classification.



Matches: 7

Author results for "bhargava, m*"

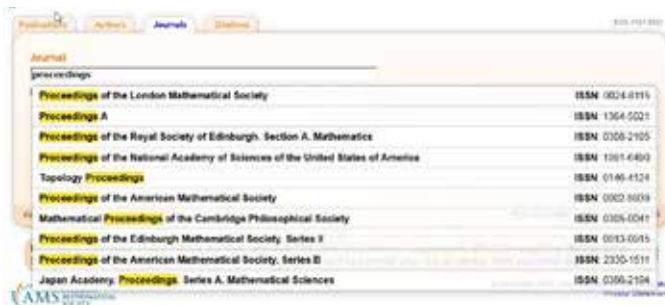
Sort by:	Profile Name	Published as	Earliest Publication	# Publications	# Citations
Profile Name	Bhargava, Manju	Bhargava, M. (7)	1985	7	
Search within results	Bhargava, Manjul	Bhargava, Manjul (40)	1997	40	499
Primary Classification	Bhargava, Manoj	Bhargava, M. (3) Bhargava, Manoj (3)	2000	6	1
Computer science (2)	Bhargava, Mira	Bhargava, Mira (9) Bhargava, M. (1)	1964	10	11
Group theory and	Bhargava, Mohit	Bhargava, Mohit (1)	2015	1	1

WANT TO LEARN MORE?

- These simple tasks are just the beginning—your local librarian can help you take full advantage of the power of MathSciNet.
- Find more complete search help via the Help link on any MathSciNet page.
- Visit *Beyond Reviews* (blogs.ams.org/beyondreviews), the official blog of MathSciNet, where the Executive Editor shares the best new reviews, extra information about MathSciNet, and some pro tips on how to get the most from the database.
- Learn more about MathSciNet at www.ams.org/mr-database.

3 LOOK UP A JOURNAL

Use the Journals tab to search for a particular journal. You can enter title terms in any order. The auto-suggest feature will begin suggesting up to ten completions, based on the journals in our database. Here is a search starting with just the word "Proceedings":



You can either hit "Enter" and search for all journals with the word "Proceedings" in the title, or you can click on one of the completions suggested, which will search for the journal title chosen. In this example, clicking on "Proceedings of the London Mathematical Society" yields:

Matches: 7

Journal results for "Proceedings of the London Mathematical Society"

- [Proc. Lond. Math. Soc. Proceedings of the London Mathematical Society](#) [No longer indexed]
- [Proc. Lond. Math. Soc. \(3\) Proceedings of the London Mathematical Society. Third Series](#) [Indexed cover-to-cover; Reference List Journal]
- [Proc. London Math. Soc. \(2\) Proceedings of the London Mathematical Society. Second Series](#) [No longer indexed]
- [Proc. London Math. Soc. \(3\) Proceedings of the London Mathematical Society. Third Series](#) [Indexed cover-to-cover; No longer indexed; Reference List Journal]
- [Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci. Proceedings of The Royal Society of London. Series A. Mathematical, Physical and Engineering Sciences](#) [No longer indexed]
- [Proc. Roy. Soc. London Ser. A Proceedings of the Royal Society. London. Series A. Mathematical, Physical and Engineering Sciences](#) [No longer indexed]
- [R. Soc. Lond. Proc. Ser. A Math. Phys. Eng. Sci. The Royal Society of London. Proceedings. Series A. Mathematical, Physical and Engineering Sciences](#) [No longer indexed]

Note that this matches all journals with the words "Proceedings of the London Mathematical Society" in their titles, including several versions of some of them. Clicking on "Proc. Lond. Math. Soc. (3)" brings you to the journal profile page for the current version of the Proceedings of the London Mathematical Society.

The redesigned journal profile page provides bibliographic information about the journal in the Journal Details section. Additional sections provide more in-depth information:

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

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

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

Citations presents data on the citations to the journal, 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 journal, and **Top Authors**.

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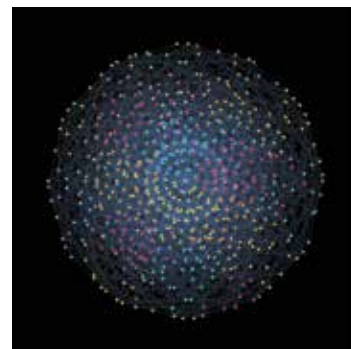
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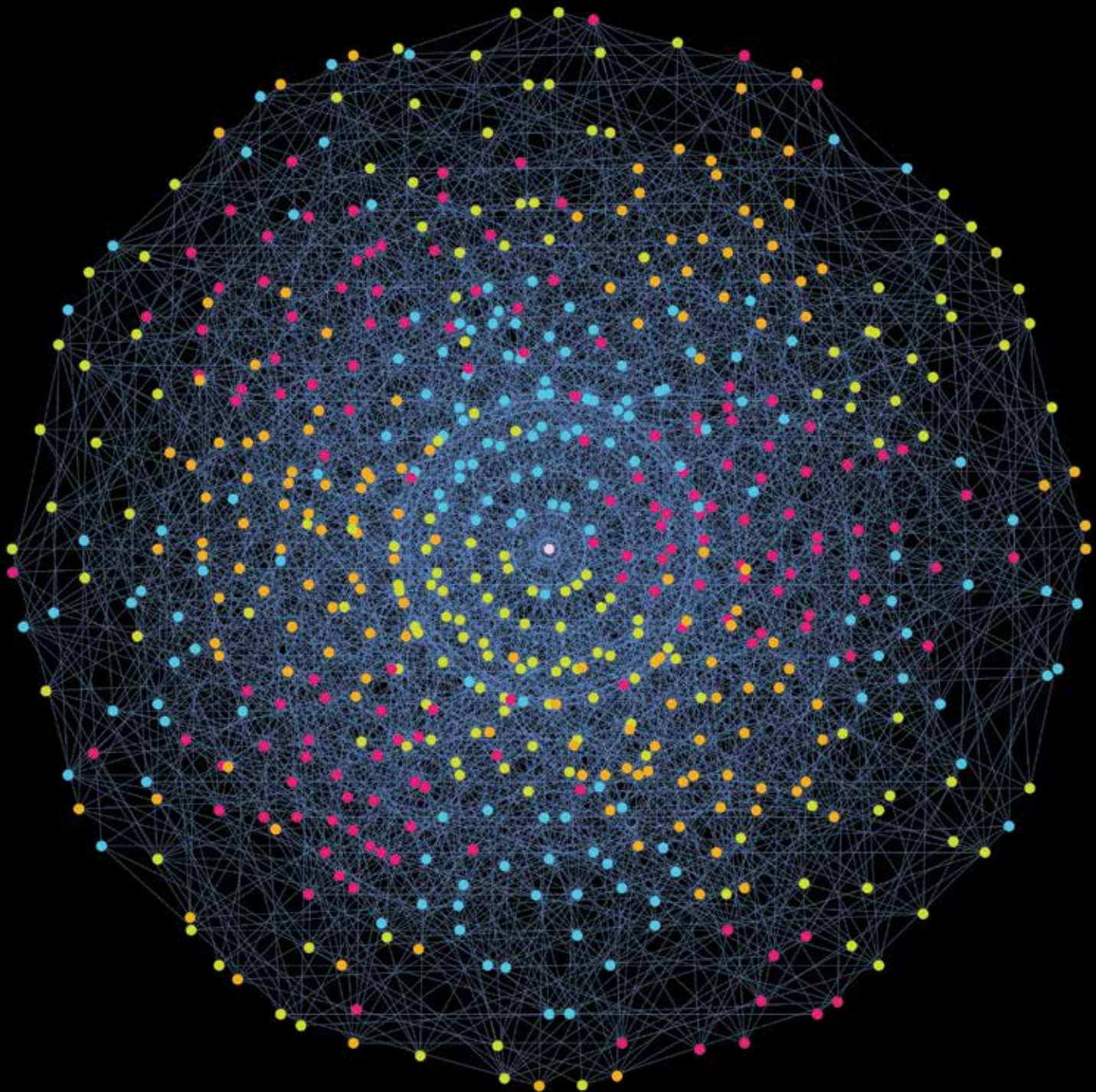
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The poster image is a 610-vertex unit-distance graph with chromatic number five created by Marijn Heule.





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