

Library of Mathematical Sciences
Aarhus University

Title	MathSciNet
Contents	<p>Bibliographical database in mathematics.</p> <p>The database is international with emphasis on U.S. literature. It covers pure and applied mathematics, theoretical statistics and probability theory, though pure mathematics is best covered.</p> <p>The database contains over 2 million references to scientific literature published in journals, books, conference proceedings and doctoral theses from ProQuest.</p> <p>There is a brief review of most publications and many references contain direct links to the full text publication. Recent references to articles from selected journals contain bibliographies.</p> <p>Indexed journals and serials: http://www.ams.org/msnhtml/serials.pdf</p>
Search options	<p>The database offers the standard search options (AMS guide, Tutorials). However, you should note that:</p> <ul style="list-style-type: none">• If you write more than one word in the search box, the system considers it as a phrase, i.e. the words have to be in exactly the same sequence in the reference. If you want to avoid this, you can either use AND / OR / NOT between keywords, or use multiple search fields.• When you use the search field "Author / Related" you are searching for authors, editors, translators and the like.• When you use the search fields "Author", "Author/Related" and the "Author" tab, they correspond to a registry entry (indexed by last name). If you e.g. want to find Jens Ledet Jensen, do not search on "Ledet", but "Jensen, Jens Ledet" or "Jensen, J * L *". <p>For subject searches you can use Mathematics Subject Classification (MSC), which is THE classification system for mathematics.</p> <p>MathSciNet has a very impressive author database in which all the authors are identified uniquely. For each author you can find publications, citations, co-authors and topics.</p> <p>MathSciNet offers various search facilities and charts based on citations for publications, journals and authors.</p>
Periode covered	<p>1940 – (limited digitisation back to the early 1800s)</p> <p>It may take some time before new publications are registered in the database.</p>
Notes	<p>MathSciNet and Zentralblatt MATH cover largely the same. However, where MathSciNet is best in relation to American literature, Zentralblatt MATH is best in relation to European literature.</p>

	<p>New publications are indexed sooner in Zentralblatt MATH.</p> <p>MathSciNet only links directly to a part of the full text journals and e-books at Aarhus University. It may therefore be worthwhile to check the library database for the journal/book, if there is no direct link to the full text in MathSciNet.</p>
Export formats	The database provides various reference formats, incl. BibTeX, EndNote og ASCII.
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Type	Bibliography