

A PUBLICATION TO INFORM
 MEMBERS ABOUT SOCIETY
 ACTIVITIES. THIS ISSUE
 COVERS AMS ONLINE
 TOOLS AND RESOURCES
 FOR AUTHORS.

Online Tools and Resources for Authors

As the Web has increasingly become a primary source for searching and disseminating mathematical research, the AMS has invested in the research and development of many free online tools and resources available on the AMS website at www.ams.org. Some of the resources are accessible to members only, while others are available to everyone.

MRef

MRef, a new MR Database tool for creating standard references with links, makes it easy for authors to add links to **MathSciNet** in their bibliographic references, while at the same time verifying their accuracy and standardizing their form. In many cases a link to MathSciNet provides a link to the original paper.

MRef (www.ams.org/mref) and the previously released MR Lookup (www.ams.org/mrlookup) have similar end results but different methods of inputting data. Both exist in an interactive version primarily aimed at authors (and those assisting authors) and a batch version is available for publishers. The tools are free and are based on the **Mathematical Reviews (MR) Database**, renowned for its accurate, structured data covering 63 years of mathematical literature.



Erol Ozil, MRef developer at
 Mathematical Reviews

Using MRef, authors can simply type or copy-and-paste a reference from a Web page, a PDF document, or a file presented in a $\text{T}_{\text{E}}\text{X}/\text{A}_{\text{M}}\text{S}-\text{T}_{\text{E}}\text{X}$ or $\text{L}_{\text{A}}\text{T}_{\text{E}}\text{X}/\text{A}_{\text{M}}\text{S}-\text{L}_{\text{A}}\text{T}_{\text{E}}\text{X}$ application in the MRef text window. (MR Lookup requires data to be entered in specific input fields and returns the first three possible matches.) The reference can be in any order after the author name(s), in any font, or format, and with no special punctuation.

MRef will find, *correct* (page numbers, for instance), and return the reference in a consistent format with a link to MathSciNet.

INSIDE THIS ISSUE

- MRef
- More MR Resources for Authors and Reviewers
- AMS Email Notification Services
- AMS Author Resource Center
- Online Voting Option for AMS Elections
- Headlines & Deadlines

AMERICAN MATHEMATICAL SOCIETY

MRef

For Standard References with Links

[Help](#) | [Support](#) | [MR Lookup](#)

```
{\sc G. Bouchitt'e, I. Fonseca, and L. Mascarenhas}, {\em A global method for relaxation}, Arch. Rational Mech. Anal, 145 {1998}, pp.~55--98.
```

* Matched *

Bouchitté, Guy; Fonseca, Irene; Mascarenhas, Luisa. A global method for relaxation. *Arch. Rational Mech. Anal.* 145 (1998), no. 1, 51--98. 1656477 (99j:49020)

[Read more](#) Go to www.ams.org/mref to try out MRef. Click on the Help link to see some examples and to learn how to use it as a "bookmarklet".

“Relay” links to original papers

When MRef is used to create a reference readers can navigate to a MathSciNet entry and then to the original paper (when available). As older articles become available online, new links are added, without any action by source publishers. Even users without a subscription to MathSciNet can access original articles in this way.

Create References and Link to Items in MathSciNet and

Link to Original Articles

The collage consists of three overlapping screenshots. The leftmost screenshot shows a journal article page with a MathSciNet reference link. The middle screenshot shows the MathSciNet entry for the article, with a 'View Original Article' link. The rightmost screenshot shows the original article page with a 'View Original Article' link.

Read more Read “A Vision for Linking” at www.ams.org/msnhtml/about_mr_lookup.html.

More MR Resources for Authors and Reviewers

• **How to Use the Mathematics Subject Classification MSC2000**

(www.ams.org/msc/usemsc.html) explains the scheme used by Mathematical Reviews (MR) and Zentralblatt MATH and has links to Search the MSC, Browse the MSC and the Entire MSC2000.

• **MR Guide for Reviewers**

(www.ams.org/authors/guide-reviewers.html) describes the MR Database and has information on the content of reviews, reviewing schedules, manuscript and style elements, and contact information. The **MR Reviewer e-Submission Form** (www.ams.org/mresubs) is a Web form for electronically submitting reviews to MR.

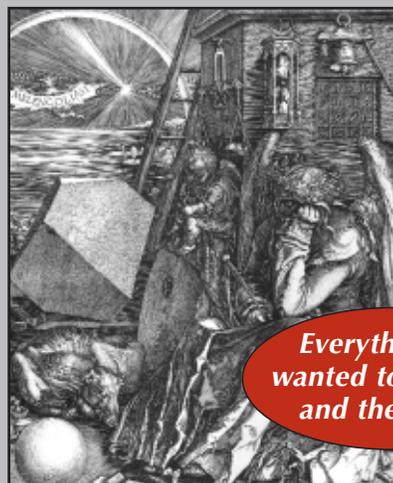
Read more Link to these and MR Database resources at www.ams.org/mr-database.

AMERICAN MATHEMATICAL SOCIETY

MathSciNet

Mathematical Reviews on the Web

Guiding you through the literature of mathematics



Everything you wanted to know ... and then some

www.ams.org/mathscinet

www.ams.org/msnhtml/guidebook.pdf



[Home](#) | [Advanced Search](#) | [Journals Site Map](#) | [Email Alert](#) | [Tech Support](#) | [Help](#) | [Subscribe](#)

AMS Journals Email Notification Program

Welcome to the American Mathematical Society's email alerting service.
This is a free service available to anyone wishing information on recently posted research articles in AMS electronic journals. To sign up you only need a valid email address.

Enter Email Address:

Sign up for Issue Notification

Sign up for Article Notification

Change Issue Notification

Change Article Notification

Cancel Issue Notification

Cancel Article Notification

This system will deliver weekly notification of AMS journal items meeting your specifications.
You may choose to be notified when

- Articles are posted to a journal or set of journals that you select,
- Articles are posted containing a selected MSC subject area or group of areas,
- Articles are posted under any combination of journal(s) and subject area(s).
- A full journal issue is posted

AMS Email Notification Services

The AMS offers these free email notification services to help authors keep abreast of research in their areas:

• **AMS Journals Email Notification Program.** This service delivers weekly email notification of recently posted articles in AMS electronic journals. (You need not be a journal subscriber to register for this service.)

• **e-CMP Alert.** This *members-only* service emails bibliographic entries from each *Current Mathematical Publications* (CMP) issue, usually every three weeks, with a choice of up to three mathematics subject classifications.

[Read more](#) Sign up for the journal article notification service at www.ams.org/jemail and e-CMP at www.ams.org/e-cmp. These services also enable you to change specifications or easily cancel at any time.

AMS Author Resource Center

The new Author Resource Center provides authors with centralized access to information related to the tools, contacts, and processes authors need to prepare and submit a book or journal manuscript to the AMS.

• **Web-based manuscript submission option.** This simple method eliminates problems with emailing or ftp'ing files. Authors fill out a short form, upload their files, and click "Send." See www.ams.org/submit-book-journal/.

• **Guidelines for preparing graphics for publication.** A *picture is worth a thousand words*. And a poorly prepared one can cause a thousand headaches! An online guide includes easy-to-use instructions. Topics include sizing; lines and rules; shades of gray (screens); fonts; color; and creating graphics for print and online publication.

• **L^AT_EX resources.** L^AT_EX, an extension of Knuth's original T_EX, has evolved into a powerful tool that enables mathematicians to write their manuscripts and provide robust mathematical displays. The AMS also provides $\mathcal{A}\mathcal{M}\mathcal{S}$ -L^AT_EX author packages and utilities that further enhance L^AT_EX.

• **Snapshot** is a utility that enables the author of a L^AT_EX document to list the external dependencies of the document in a form that can be embedded at the top. This is important to authors and publishers, for processing, archiving, and accessing L^AT_EX manuscripts. See www.ams.org/tex/snapshot.html.

[Read more](#) Find the guide to creating graphics, style files, information on copyright and permissions, the online manuscript tracking system for journal articles, how to contact the AMS Publications Division, and more at www.ams.org/authors.



Creating graphics for use in AMS books and journals

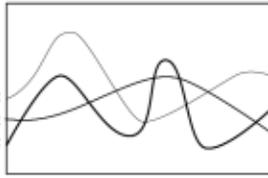
GENERAL GUIDELINES

- Create graphics at 100% of the size they will be printed at.

Lines and rules

- Do not use a line/rule weight less than .5 point at 100%.
If you must scale your figure, be sure that you compensate by making line weights thicker. A .5 point line scaled at 50% becomes a .25 point line. Line weights below .5 point disappear during the printing process.
- Graded lines should increase in increments of .5 point (i.e.: .5 point, 1 point, 1.5 point). Increments less than .5 point do not read as distinctly different lines.
- Lines that are a shade of gray (screened) need a line weight of at least 1 point at 100%.
Gray lines smaller than 1 point look broken and jagged because of the small dot pattern used to simulate shades of gray.

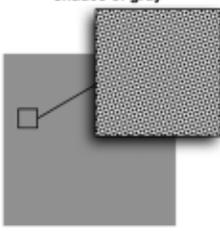
Graded lines



Screened line



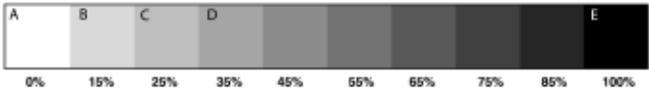
Dot pattern used to simulate shades of gray

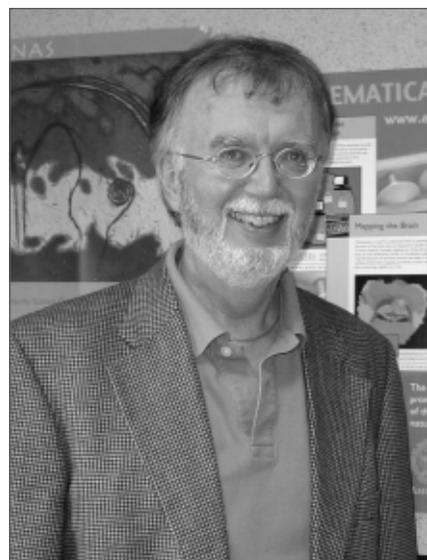


Shades of gray (screens)

- Screens defined
A screen is a pattern of small black or white dots used to simulate shades of gray.
- Shades of gray (screens) should not be lower than 15% or higher than 85%.
Screens outside of this range are either too light or too dark to print correctly.
- Screens should increase in increments of no less than 10%.
Screen variations of less than 10% are not distinguishable.
- Do not put type on top of a screen darker than 35%.
Type on a screen that is above 35% is not legible.
- White type can be used only on 100% black.
White type on a gray background looks broken and jagged because a small dot pattern is used to simulate shades of gray.

Shades of gray (screens)





Attention AMS Members

You should have received either a traditional paper ballot or email with instructions for voting online by September 20. If you have not received this information, please contact the AMS (preferably before October 1) to request a ballot. Send email to ballot@ams.org or call the AMS at 1-800-321-4267 (within the U.S. and Canada) or 401-455-4000 (worldwide) and ask to speak with Member Services.

AMS Secretary Bob Daverman on the first-time online voting option for AMS elections:

“We believe that the new online voting option will be a significant enhancement to the election process, especially for AMS members who have found that voting by surface mail hindered their participation in this integral part of the Society’s governance.”

NEW

Headlines & Deadlines

The **Headlines & Deadlines** email news service is now available to AMS *members only*. AMS members may subscribe to receive email notifications twice a month of news, announcements about programs, publications, and events, as well as alerts about deadlines for fellowship and grant applications, calls for proposals, and meeting registrations.

AMS members can sign up for Headlines & Deadlines at www.ams.org/enews.