



UNIVERSIDAD
COMPLUTENSE
MADRID

Competencias en Recursos de Información Científica:

curso básico

Curso 2022-2023

Facultad de Ciencias Matemáticas
Biblioteca

Bases de datos específicas de matemáticas





MathSciNet



[Acceso UCM](#)

[Guía básica](#)

Contenidos del tema

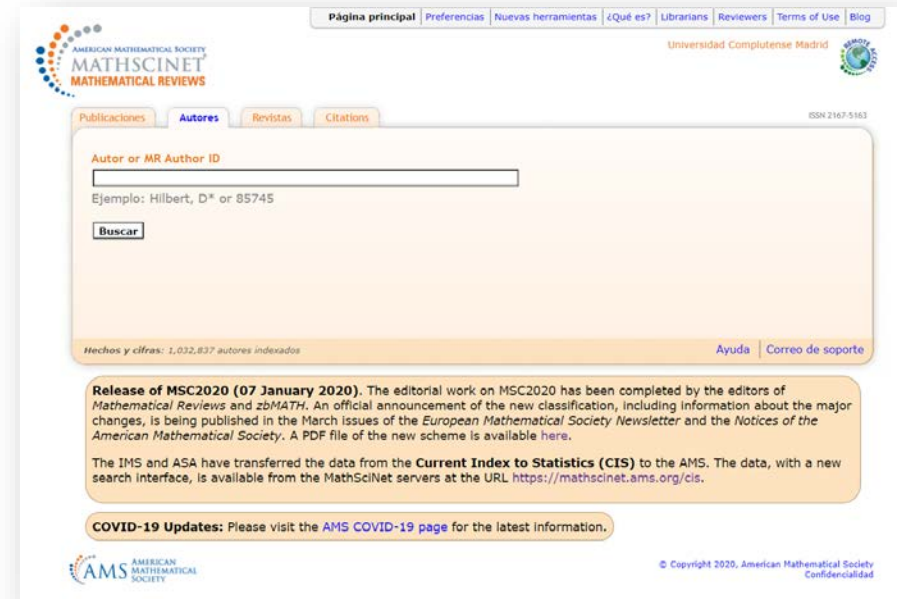
- **Mathscinet**
 - **Introducción**
 - **Preferencias**
 - **Herramientas**
 - **Tipos de consultas**
 - **Búsquedas**
 - **Guardar y exportar**



Introducción

- Base de datos de **revisiones, resúmenes e información bibliográfica** de la literatura matemática más importante. Contiene 4'1 millones de registros y 2'8 millones de enlaces directos a artículos originales

- **Cobertura:** lo publicado desde 1940 (principios del XIX con los proyectos de digitalización) en la publicación *Mathematical Reviews* (MR). Más de 1650 revistas indexadas.



The screenshot shows the MathSciNet search page. At the top, there is a navigation menu with links: [Página principal](#), [Preferencias](#), [Nuevas herramientas](#), [¿Qué es?](#), [Librarians](#), [Reviewers](#), [Terms of Use](#), and [Blog](#). The logo for the American Mathematical Society and MathSciNet is on the left, and the Universidad Complutense Madrid logo is on the right. Below the navigation, there are tabs for [Publicaciones](#), [Autores](#), [Revistas](#), and [Citations](#). The main search area has a text input field labeled "Autor or MR Author ID" with a search button labeled "Buscar". Below the input field, there is an example: "Ejemplo: Hilbert, D^a or 85745". At the bottom of the search area, it says "Hechos y cifras: 1,032,837 autores indexados". There are also links for [Ayuda](#) and [Correo de soporte](#). A news section titled "Release of MSC2020 (07 January 2020)" provides information about the new classification scheme. Below that, it mentions the transfer of data from the Current Index to Statistics (CIS) to the AMS. At the very bottom, there is a "COVID-19 Updates" section and a copyright notice: "© Copyright 2020, American Mathematical Society Confidencialidad".

Preferencias

Página principal | **Preferencias** | Nuevas herramientas | ¿Qué es? | Librarians | Reviewers | Terms of Use | Blog

AMERICAN MATHEMATICAL SOCIETY
MATHSCINET
MATHEMATICAL REVIEWS

Universidad Complutense Madrid

Preferencias

Review Format	MathJax	Registros por página	Ver las listas de referencias	Registros	Display DML Items
<input type="radio"/> PDF	<input checked="" type="radio"/> Sí	<input checked="" type="radio"/> 20	<input checked="" type="radio"/> Sí	<input checked="" type="radio"/> completos	<input checked="" type="radio"/> Sí
<input checked="" type="radio"/> HTML	<input type="radio"/> No	<input type="radio"/> 50	<input type="radio"/> No	<input type="radio"/> sencillos	<input type="radio"/> No
		<input type="radio"/> 100			
Caracteres	Headline Numbering	Idioma			
<input checked="" type="radio"/> Palo seco	<input type="radio"/> Sí	español			
<input type="radio"/> Con serifas	<input checked="" type="radio"/> No				

Guardar

Ayuda | Correo de soporte

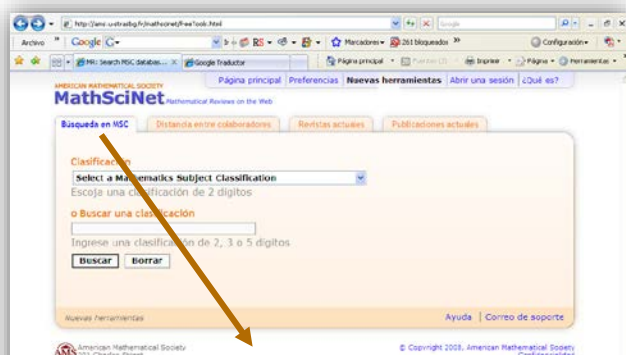
AMS AMERICAN MATHEMATICAL SOCIETY

© Copyright 2020, American Mathematical Society
Confidencialidad

DML:

- Se incluyen artículos digitalizados (desde 1810) por proyectos incluidos en la Biblioteca digital mundial de matemáticas (artículos anteriores a 1940 y artículos posteriores no incluidos en MR). También tesis antiguas.

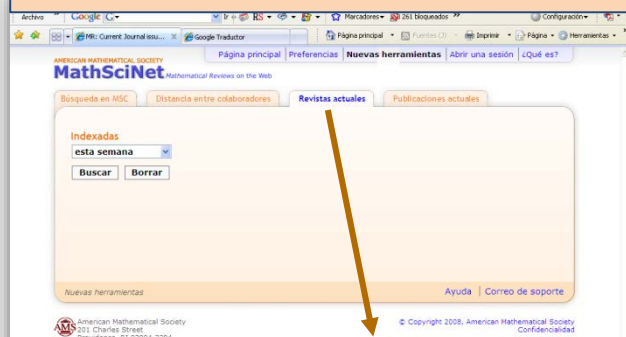
Algunas peculiaridades



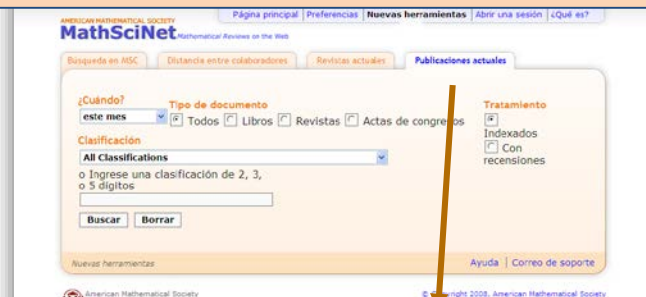
Búsquedas en MSC (la clasificación específica de los matemáticos)



Distancia entre colaboradores (aplicación basada en el número Erdős que mide la relación entre colaboradores)



Revistas actuales.
Sirven de alertas



Publicaciones actuales.
Sirven de alertas

Tipos de consultas

The screenshot shows the Mathscinet search interface. At the top, there are navigation links: [Página principal](#), [Preferencias](#), [Nuevas herramientas](#), [¿Qué es?](#), [Librarians](#), [Reviewers](#), [Terms of Use](#), and [Blog](#). The Mathscinet logo and "AMERICAN MATHEMATICAL SOCIETY" are visible. Below the logo are tabs for [Publicaciones](#), [Autores](#), [Revistas](#), and [Citations](#). The search criteria section includes: "Términos de la búsqueda" with fields for "Autor", "MSC primaria", "MSC primaria", and "Dondequiera"; "¿Cuándo?" with options for "Base de datos entera", "Año", and "Años"; "Tipo de documento" with options for "Todos", "Libros", "Revistas", and "Actas de congresos"; and "Review Format" with options for "PDF" and "HTML". There are "Buscar" and "Borrar" buttons. A "NEW! Author Profile Personalization" banner is on the right. At the bottom right, there are links for [Ayuda](#) and [Correo de soporte](#).

Publicaciones. Busca en la base de datos bibliográfica y nos da los datos, revisiones y (si están disponibles) enlaces a los artículos o libros a texto completo.

Tipos de consultas

The screenshot shows the Mathscinet website interface. At the top, there is a navigation bar with links: "Página principal", "Preferencias", "Nuevas herramientas", "¿Qué es?", "Librarians", "Reviewers", "Terms of Use", and "Blog". The Mathscinet logo is on the left, and "Universidad Complutense Madrid" and a "REMOTE ACCESS" icon are on the right. Below the navigation bar, there are tabs for "Publicaciones", "Autores", "Revistas", and "Citations". The "Autores" tab is selected. The main search area has a label "Autor or MR Author ID" above a text input field. Below the input field, it says "Ejemplo: Hilbert, D* or 85745". There is a "Buscar" button. At the bottom left, it says "Hechos y cifras: 1,032,837 autores indexados".

Autores. Busca en la base de datos de autores. Nos ofrece una página de autor con datos sobre sus publicaciones, colaboraciones y citas, y enlaces adicionales como al [Mathematics Genealogy Project](#), o a [MacTutor History of Mathematics archive](#)

Tipos de consultas

Página de autor

[Página principal](#) | [Preferencias](#) | [Nuevas herramientas](#) | [Help](#) | [Contact Us](#) | [Terms of Use](#) | [Blog](#)
 Universidad Complutense Madrid

[Share](#) | [Edit Author Profile](#)

Seoane Sepúlveda, Juan Benigno
 Full name in native script: **Juan Benigno Seoane Sepúlveda**
 Email: jseoane@mat.ucm.es
 Website: <https://www.ucm.es/imi/juan-benigno-seoane-sepulveda>
 MR Author ID: **680972**
 Earliest Indexed Publication: **2000**
 Total Publications: **131**
 Total Citations: **1742**
 Published as: Seoane Sepúlveda, Juan B. (1)

Publications
[Reviews](#)
[Refine Search](#)
[Co-Authors](#)
[Collaboration Distance](#)
[Mathematics Genealogy Project](#)
[Citations](#)

Co-authors (by number of collaborations)
 Alzpuru Tomás, Antonio Akbarbaglu, Ibrahim Albuquerque, Nabib André Gargel Araújo, Gustavo da Silva Aron, Richard Martín Bartoszewicz, Artur Bastin, François Bayart, Frédéric Bernal-González, Luis Bonilla, Antonio Botelho, Geraldo Cabana-Méndez, H. J. Calderón-Moreno, María del Carmen Cariello, Daniel Ciesielski, Krzysztof Chrusciel, J. Alberto Enciso, Per H. Feenoy, M. Mar Fernández-Sánchez, Juan Fàvaro, Vinícius Vieira Garcia Rodríguez, Domingo García-Pacheco, Francisco Javier Greco, Bogdan C. Gurarii, Vladimir Il'ich Gámez-Merino, José Luis Jiménez-Rodríguez, Pablo Lissama, Carlos López-Salazar, Jerónimo Maestre Vera, Manuel Maghsoudi, Saïed Martínez-Gómez, María E. Murillo-Arcilla, Marina Muñoz-Fernández, Gustavo A. Naskantsev, Tomasz Nóżek-Arcidi, Daniel Patberg, Niklas Pellegrino, Daniel Marinho Reis, Alfredo Puglisi, Daniele Pérez-Esteva, Consuelo Pérez-García, David Rodríguez-Vidanes, Daniel L. Révész, Sándor Györfy Santos, Joedson Sarantopoulos, Yannis Serrano-Rodríguez, Diana Marcela Sáez-Maestro, Eva Sánchez, Victor M. Weber, Andreas da Silva e Silva, Diogo Diniz Pereira
[See All](#)

Publications (by number in area)
 Abstract harmonic analysis Approximations and expansions Field theory and polynomials Fourier analysis **Functional analysis** Functions of a complex variable General topology Integral transforms, operational calculus **Linear and multilinear algebra; matrix theory** Mathematical logic and foundations Measure and integration Number theory **Operator theory** Ordinary differential equations Other **Real functions** Sequences, series, summability Several complex variables and analytic spaces Statistics

Publications (by number of citations)
 Abstract harmonic analysis Approximations and expansions Fourier analysis **Functional analysis** Functions of a complex variable Integral transforms, operational calculus **Linear and multilinear algebra; matrix theory** Mathematical logic and foundations Measure and integration Number theory **Operator theory** Ordinary differential equations Other **Real functions** Sequences, series, summability Several complex variables and analytic spaces

© Copyright 2020, American Mathematical Society
 Privacy Statement

Tipos de consultas

The screenshot shows the Mathscinet website interface. At the top, there is a navigation menu with links: [Página principal](#), [Preferencias](#), [Nuevas herramientas](#), [¿Qué es?](#), [Librarians](#), [Reviewers](#), [Terms of Use](#), and [Blog](#). Below the navigation menu, the Mathscinet logo is displayed, along with the text "AMERICAN MATHEMATICAL SOCIETY MATHSCINET MATHEMATICAL REVIEWS". To the right of the logo, the text "Universidad Complutense Madrid" and a "REMOTE ACCESS" icon are visible. Below the logo, there are four tabs: "Publicaciones", "Autores", "Revistas", and "Citations". The "Revistas" tab is selected. Below the tabs, there is a search form with the label "Revista" and a text input field. Below the input field, there is a button labeled "Buscar". At the bottom of the page, there is a footer with the text "Hechos y cifras: Más de 1,800 revistas actuales; enlaces directos a 2,563,141 artículos originales".

Revistas. Busca en la base de datos de revistas y nos devuelve una lista de revistas con enlaces a la información bibliográfica y al sitio web del editor. Se puede consultar por título parcial o completo, por el título abreviado, o por el ISSN

Citaciones

The collage shows four overlapping screenshots of the Mathscinet website interface. Red circles highlight key navigation and search elements:

- Citaciones: Autores** (Citations: Authors)
- Citaciones: Revistas** (Citations: Journals)
- Search by Year**
- Search by Subject**
- Top 10 Lists**

The screenshots also show search forms for authors, journals, and subject classifications, and a table of top journal MCQs.

Top 10 Journal MCQs cited in the MR Citation Database

Select List	Citing Year	Items to display
Journals by MCQ	2019	10
MCQ	Journal Abbreviation	
7.83 (100% cited)	Acta Numer.	
5.25 (97% cited)	Ann. of Math.	
5.22 (99% cited)	J. Amer. Math. Soc.	
4.81 (100% cited)	Publ. Math. Inst. Hautes Études Sci.	
4.48 (100% cited)	Forum Math. Pi	
4.00 (98% cited)	Acta Math.	
3.58 (98% cited)	Invent. Math.	

Top 10 Journal MCQs. Muestra las 10 revistas, libros o artículos más citados. Las 10 principales revistas se enumeran en función de su **Mathematical Citation Quotient (MCQ)** = Cociente de Citas de Matemáticas para el año elegido.

Búsquedas

Acotar la búsqueda

Nº de items encontrados

Clave de búsqueda

Cada uno de los items encontrados

[Portapapeles](#) | [Página principal](#) | [Preferencias](#) | [Nuevas herramientas](#) | [Help](#) | [Support Mail](#) | [Terms of Use](#) | [Blog](#)

AMERICAN MATHEMATICAL SOCIETY
MathSciNet
 Mathematical Reviews
 ISSN 2167-5163

Universidad Complutense Madrid 

Matches: 107 | [Show first 100 results](#) | Select Page: Previous [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) Next

Batch Download: [Reviews \(HTML\)](#) | [Retrieve Marked](#) | [Retrieve First 50](#) | [Mark All](#) | [Unmark All](#)

Publications results for "Items authored by Hilbert, David\asup 1"

Sort by: [Newest](#)


Search within results

Item Type
 Reviewed (53)
 DML (49)
 Indexed (4)
 Pending (1)

Institutions
 Only city listed (1)

Authors
 Hilbert, David¹ (107)
 Bernays, Paul Isaak (8)
 Courant, Richard (7)
 Cohn-Vossen, Stefan (5)
 Ackermann, Wilhelm (4)

Primary Classification
 Other (49)
 History and biography (23)
 Geometry (9)

- MR3551948** [Pending](#) Hilbert, David David Hilbert's lectures on the foundations of arithmetic and logic, 1917–1933. Edited by William Ewald, Wilfried Sieg and Michael Hallett, in collaboration with Ulrich Majer and Dirk Schlimm. *Springer, Heidelberg; Springer-Verlag, Berlin*, 2013. xxv+1062 pp. ISBN: 978-3-540-69444-1; 978-3-540-20578-4 [03-03 \(01A60 01A75 03E20 03F03\)](#)  Otros recursos
[Review PDF](#) | [Clipboard](#) | [Series](#) | [Book](#)
- MR3027390** [Reviewed](#) Hilbert, David; Bernays, Paul Grundlagen der Mathematik. I./Foundations of mathematics. I. Part A. Prefaces and §§1–2. Edited and with a preface by Dov Gabbay, Michael Gabbay, Jörg Siekmann and Claus-Peter Wirth. Commented translation by Claus-Peter Wirth of the second German edition of 1968, including the annotation and translation of all deleted parts of the first German edition of 1934. With a chapter "Hilbert's proof theory" by Wilfried Sieg [[MR2668182](#)]. Dual German-English text. *College Publications, London*, 2011. lxiii+170 pp. ISBN: 978-1-84890-033-2 [03-03 \(01A75 03B30 03Fxx\)](#)  Otros recursos
[Review PDF](#) | [Clipboard](#) | [Series](#) | [Book](#) | [1 Citation](#)
- MR1931637** [Reviewed](#) Hilbert, D.; Bernays, P. Fondements des mathématiques. 2. (French) [Foundations of mathematics. 2] Translated from the second (1970) German edition by François Gaillard, Eugène Guillaume and Marcel Guillaume. *L'Harmattan, Paris*, 2001. 624 pp. ISBN: 2-7475-1519-2 [01A75 \(03-03\)](#)  Otros recursos
[Review PDF](#) | [Clipboard](#) | [Series](#) | [Book](#) | [1 Citation](#)
- MR1931636** [Reviewed](#) Hilbert, D.; Bernays, P. Fondements des mathématiques. 1. (French) [Foundations of mathematics. 1] Translated from the second (1968) German edition by François Gaillard and Marcel Guillaume. *L'Harmattan, Paris*, 2001. 607 pp. ISBN: 2-7475-1518-4 [01A75 \(03-03\)](#)  Otros recursos
[Review PDF](#) | [Clipboard](#) | [Series](#) | [Book](#)
- MR1779412** [Indexed](#) Hilbert, David Mathematical problems. Reprinted from Bull. Amer. Math. Soc. **8** (1902), 437–479. *Bull. Amer. Math. Soc. (N.S.)* **37** (2000), no. 4, 407–436. [01A75](#)  Otros recursos
[Review PDF](#) | [Clipboard](#) | [Journal](#) | [Article](#) | [46 Citations](#)
- MR1748440** [Indexed](#) Hilbert, David Mathematical problems. Lecture delivered before the International Congress of Mathematicians at Paris in 1900. Translated from the German by Mary Winston Neson. *Math. Today (Southend-on-Sea)* **36** (2000), no. 1, 14–17. [01A75 \(01A05\)](#)  Otros recursos
[Review PDF](#) | [Clipboard](#) | [Journal](#) | [Article](#) | [9 Citations](#)

Búsquedas

Nº de referencia en MR

Autor

Título

Citaciones

MR2197276 (2006h:83005)
 Sauer, Tilman(1-CAIT-EPP)
Einstein equations and Hilbert action: what is missing on page 8 of the proofs for Hilbert's first communication on the foundations of physics?
 (English summary)
Arch. Hist. Exact Sci. 59 (2005), no. 6, 577--590.
 83-03 (01A60)
[PDF](#) | [Doc Del](#) | [Clipboard](#) | [Journal](#) | [Article](#) | [Make Link](#)

In this paper Sauer discusses a very interesting fragment from the development of the general theory of relativity, namely the competition Hilbert and Einstein were locked in close to the publication of the final set of generally covariant field equations by the latter. Sauer aims to give a "succinct and balanced assessment of the respective contributions of both authors in the final establishment of the general theory of relativity". He achieves this aim in what is an extremely well-informed, very readable paper.

At the core of the discussion is an analysis of a set of Hilbert's proofs of his paper documenting his work on general relativity. The problem is that some of the pages are missing. The question then is: might Hilbert have gotten to the Einstein tensor before Einstein? Sauer answers this by performing what can best be described as a piece of "reconstructive surgery" on the proofs, filling in the missing gaps on the basis of the rest of the proofs. He concludes from this that it is highly unlikely that the missing pages contained some version of the Einstein tensor (with its trace term). More likely, argues Sauer (on the basis of the coherence and consistency of the text as a whole), is that Hilbert's missing piece contained a specification of the Lagrangian of Hilbert's action principle written as a sum of gravitational and matter parts, along with a further specification of the gravitational part as the Riemann curvature scalar (also giving the Ricci tensor).

Reviewed by [Dean Rickles](#)

References

1. Mehra, J. *Einstein, Hilbert, and The Theory of Gravitation*. Dordrecht, Boston: D. Reidel, 1974.
2. Earman, J., Glymour, C. "Einstein and Hilbert. Two Months in the History of General Relativity." *Archive for History of Exact Sciences* 19 (1978), 291--308. [MR0507744 \(80d:01017\)](#)
3. Pais, A. *Subtle is the Lord... The Science and the Life of Albert Einstein*. Oxford and New York: Clarendon Press and Oxford University Press, 1982. [MR0690419 \(84j:01072\)](#)
4. Norton, J. "How Einstein Found His Field Equations: 1912--1915" *Historical Studies in the Physical Sciences* 14 (1984) 253--316. Reprinted in: Howard, D. and Stachel, J., (eds.) *Einstein and the History of General Relativity*. Boston: Birkhäuser, 1989, pp. 101--159. [MR1200720 \(94i:83001\)](#)

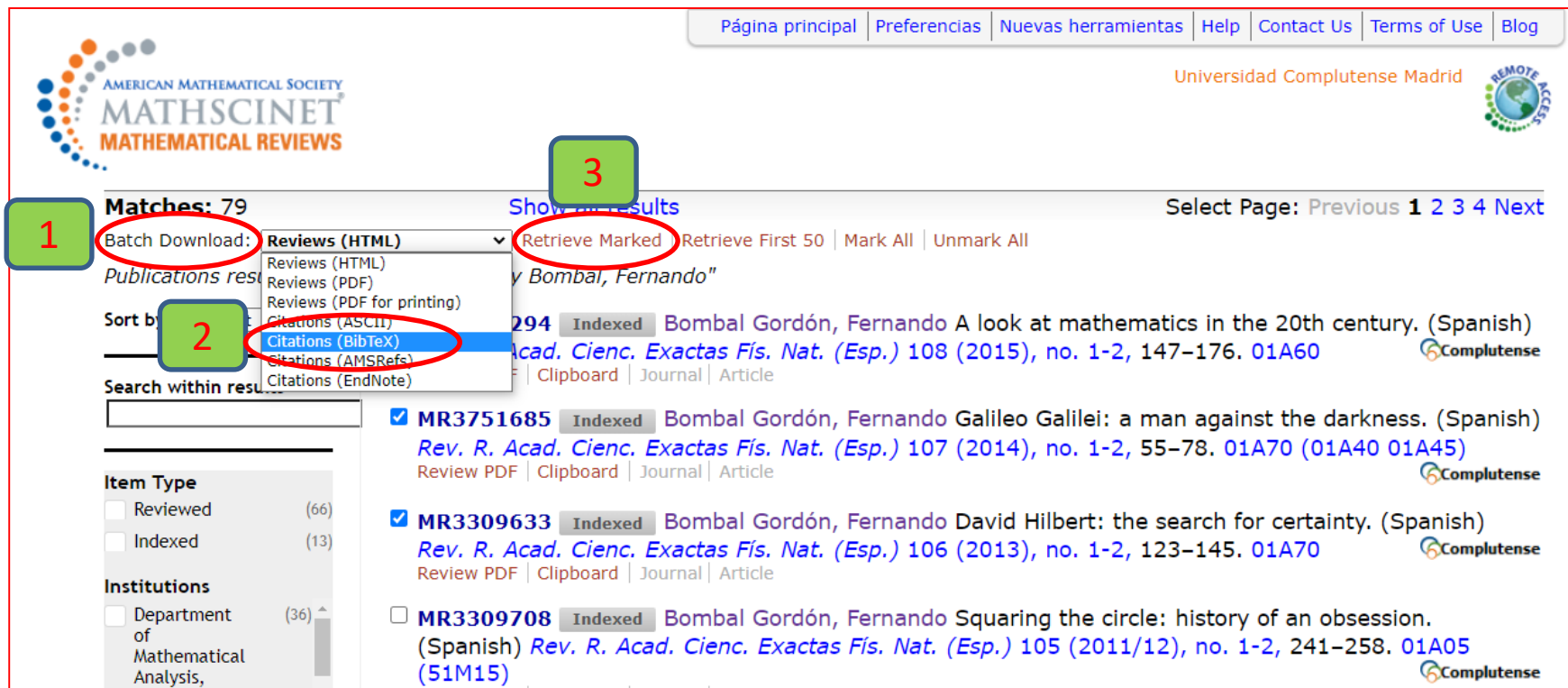
Enlaces hipertextuales

Resumen o revisión



Revisor

Bibliografía

Guardar y exportar



[Página principal](#) | [Preferencias](#) | [Nuevas herramientas](#) | [Help](#) | [Contact Us](#) | [Terms of Use](#) | [Blog](#)


Universidad Complutense Madrid 

Matches: 79 [Show all results](#) Select Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

1 Batch Download: **2** **3** Retrieve Marked Retrieve First 50 | Mark All | Unmark All


Publications restricted by Bombal, Fernando"


Sort by: **2** **3**

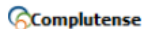
Search within results:

Item Type
 Reviewed (66)
 Indexed (13)

Institutions
 Department of Mathematical Analysis, (36)

MR3751685 Indexed Bombal Gordón, Fernando Galileo Galilei: a man against the darkness. (Spanish) *Rev. R. Acad. Cienc. Exactas Fis. Nat. (Esp.)* 107 (2014), no. 1-2, 55–78. 01A70 (01A40 01A45) 

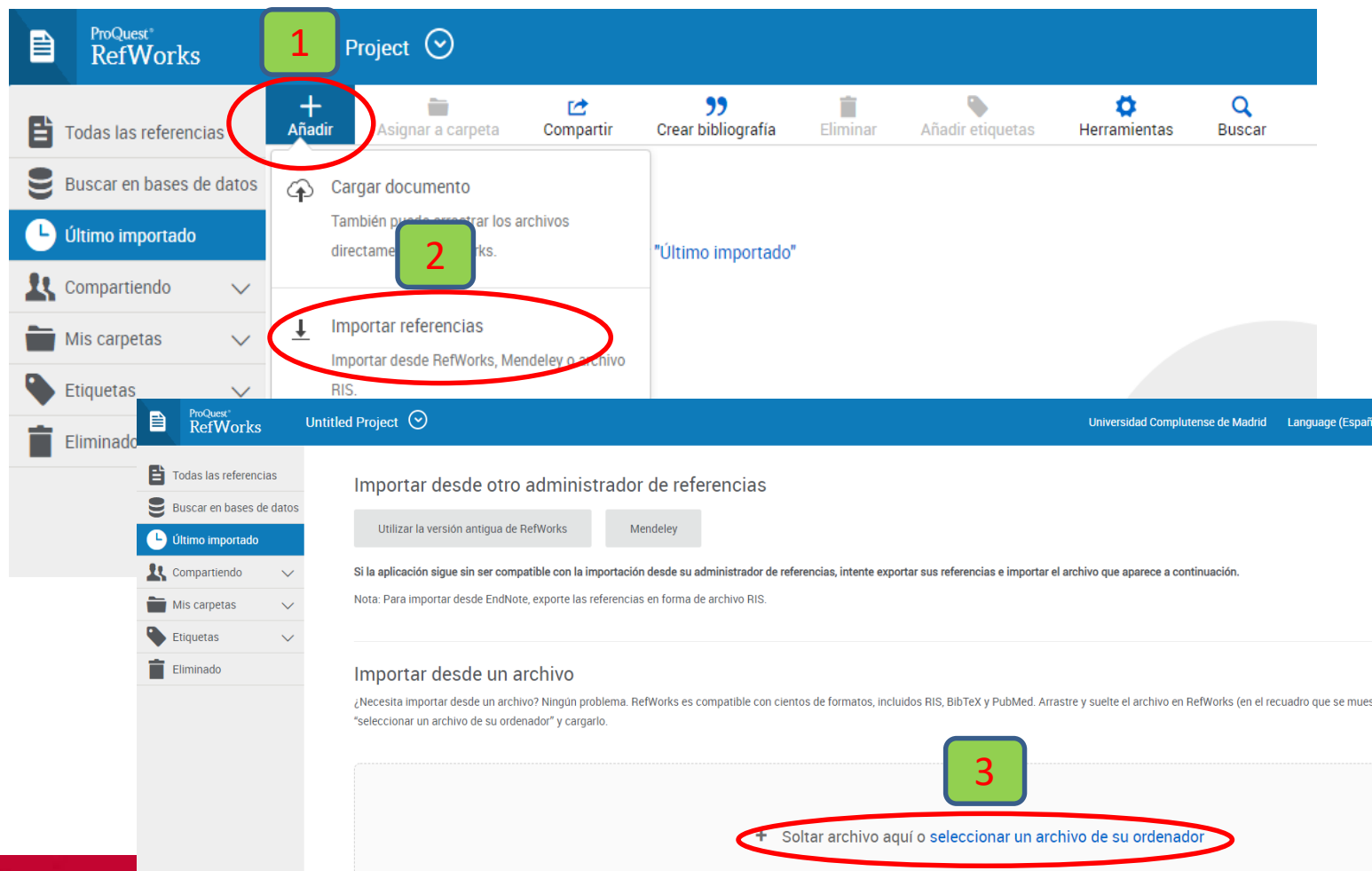
MR3309633 Indexed Bombal Gordón, Fernando David Hilbert: the search for certainty. (Spanish) *Rev. R. Acad. Cienc. Exactas Fis. Nat. (Esp.)* 106 (2013), no. 1-2, 123–145. 01A70 

MR3309708 Indexed Bombal Gordón, Fernando Squaring the circle: history of an obsession. (Spanish) *Rev. R. Acad. Cienc. Exactas Fis. Nat. (Esp.)* 105 (2011/12), no. 1-2, 241–258. 01A05 (51M15) 

1. Ir a Batch Download
2. Seleccionar Citations (BibTex)
3. Hacer clic en Retrieve Marked

Guardar y exportar

3. En la pantalla que se abre hay que copiar el texto, pegar en el blog de notas y guardar el archivo con extensión *.txt.
4. Ir al gestor RefWorks siguiendo la secuencia: **Añadir - Importar referencias - seleccionar el archivo *.txt**



The screenshot shows the ProQuest RefWorks interface. The top navigation bar includes 'ProQuest RefWorks' and a dropdown menu for 'Project'. A red circle highlights the 'Añadir' (Add) button, with a green box containing the number '1' next to it. Below the 'Añadir' button, a dropdown menu is open, showing options like 'Cargar documento' and 'Importar referencias'. A red circle highlights the 'Importar referencias' option, with a green box containing the number '2' next to it. Below the 'Importar referencias' option, there is a section titled 'Importar desde otro administrador de referencias' with buttons for 'Utilizar la versión antigua de RefWorks' and 'Mendeley'. Below this, there is a section titled 'Importar desde un archivo' with a text area and a button that says 'Soltar archivo aquí o seleccionar un archivo de su ordenador'. A red circle highlights this button, with a green box containing the number '3' next to it.



zbMATH Open

THE FIRST RESOURCE FOR MATHEMATICS

[Acceso](#)

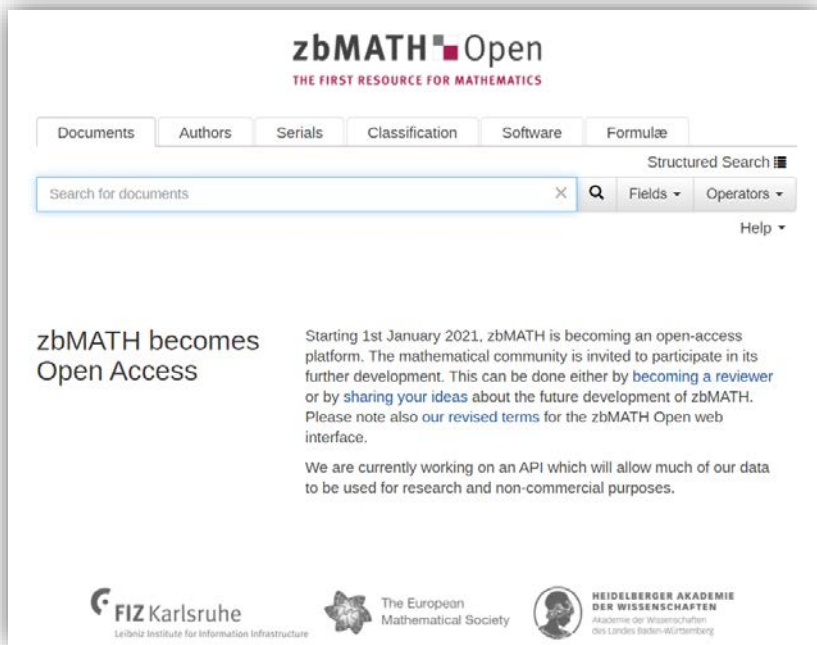
[ZentralblattMATH: guía básica](#)

Contenidos del tema

- **Zentralblatt Math**
 - **Introducción**
 - **Tipos de consulta**
 - **Búsquedas**
 - **Guardar y exportar**

ZentralblattMath

Introducción



The screenshot shows the zbMATH Open website. At the top, it says "zbMATH Open" and "THE FIRST RESOURCE FOR MATHEMATICS". Below this is a navigation menu with tabs for Documents, Authors, Serials, Classification, Software, and Formulee. A search bar is present with the text "Search for documents" and a search icon. To the right of the search bar are options for "Fields" and "Operators". Below the search bar, there is a "Structured Search" section. The main content area features a heading "zbMATH becomes Open Access" followed by a paragraph of text: "Starting 1st January 2021, zbMATH is becoming an open-access platform. The mathematical community is invited to participate in its further development. This can be done either by becoming a reviewer or by sharing your ideas about the future development of zbMATH. Please note also our revised terms for the zbMATH Open web interface. We are currently working on an API which will allow much of our data to be used for research and non-commercial purposes." At the bottom, there are logos for FIZ Karlsruhe, The European Mathematical Society, and the Heidelberger Akademie der Wissenschaften.

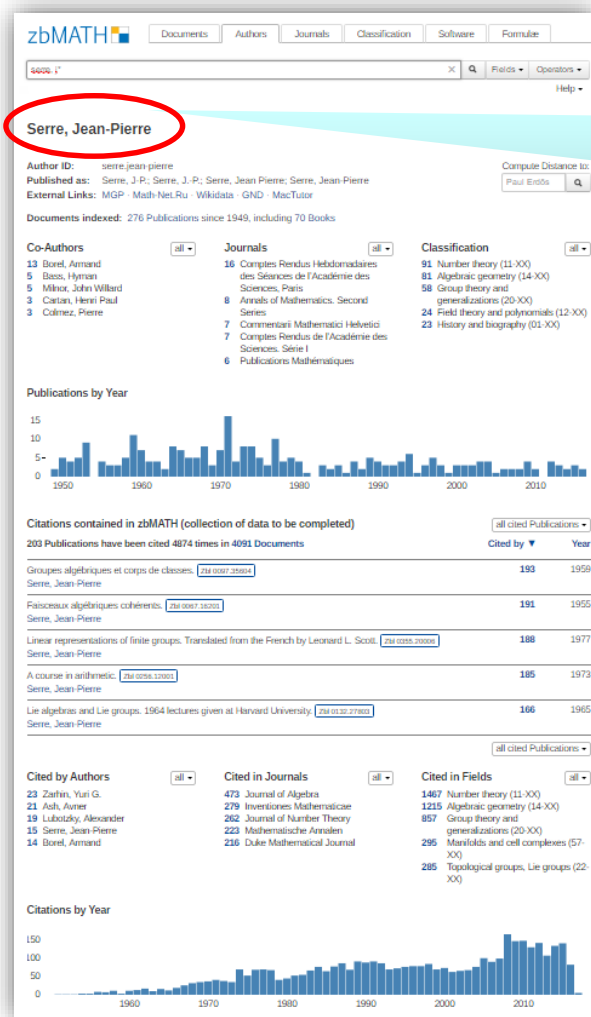
- Base de datos que recoge **unos 4 millones de entradas** procedentes de cerca de 5000 títulos de revistas y series monográficas (congresos, colecciones). 2'1 millones de enlaces. Todos los registros están clasificados conforme a la MSC.
- **Cobertura:** desde 1935 (empieza en el siglo XVIII, y desde 1868 con la incorporación de digitalizaciones).
- **Temática:** se extiende a todas las áreas de la Matemática Pura y Aplicada y a la Historia de las Matemáticas.
- **Actualización:** diaria

- La producen la European Mathematical Society (EMS), el Fachinformationszentrum (Centro para la Información Científica) (FIZ), Karlsruhe y la Academia de Ciencias de Heidelberg. Editada por Springer
- Enlaza al texto completo de los artículos

ZentralblattMath

Tipos de consulta

Búsqueda por Autor. Recupera una página con gran información sobre el autor.



serre j' X Q Fields Operators Help

Serre, Jean-Pierre

Author ID: serre, jean-pierre
 Published as: Serre, J.-P.; Serre, J.-P.; Serre, Jean Pierre; Serre, Jean-Pierre
 External Links: MGP Math-Net.Ru Wikidata GND MacTutor
 Documents indexed: 276 Publications since 1949, including 70 Books

Co-Authors all

- 13 Borel, Armand
- 5 Bass, Hyman
- 5 Milnor, John Willard
- 3 Cartan, Henri Paul
- 3 Colmez, Pierre

Journals all

- 16 Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Paris
- 8 Annals of Mathematics, Second Series
- 7 Commentarii Mathematici Helvetici
- 7 Comptes Rendus de l'Académie des Sciences, Série I
- 6 Publications Mathématiques

Classification all

- 91 Number theory (11-XX)
- 81 Algebraic geometry (14-XX)
- 58 Group theory and generalizations (20-XX)
- 24 Field theory and polynomials (12-XX)
- 23 History and biography (01-XX)

Publications by Year

Citations contained in zbMATH (collection of data to be completed) all cited Publications

203 Publications have been cited 4874 times in 4051 Documents

Groupes algébriques et corps de classes. [Zbl 0087.28014]	193	1959
Serre, Jean Pierre		
Faisceaux algébriques cohérents. [Zbl 0087.32003]	191	1955
Serre, Jean Pierre		
Linear representations of finite groups. Translated from the French by Leonard L. Scott. [Zbl 0038.20306]	188	1977
Serre, Jean Pierre		
A course in arithmetic. [Zbl 0099.12001]	185	1973
Serre, Jean Pierre		
Lie algebras and Lie groups. 1964 lectures given at Harvard University. [Zbl 0132.27003]	166	1965
Serre, Jean Pierre		

Cited by Authors all

- 23 Zashin, Yuri G.
- 21 Ash, Avner
- 19 Lubotzky, Alexander
- 15 Serre, Jean Pierre
- 14 Borel, Armand

Cited in Journals all

- 473 Journal of Algebra
- 279 Inventiones Mathematicae
- 262 Journal of Number Theory
- 223 Mathematische Annalen
- 216 Duke Mathematical Journal

Cited in Fields all

- 1467 Number theory (11-XX)
- 1215 Algebraic geometry (14-XX)
- 857 Group theory and generalizations (20-XX)
- 295 Manifolds and cell complexes (57-XX)
- 285 Topological groups, Lie groups (22-XX)

Citations by Year

Coautores, Revistas en que ha publicado, Clasificación temática

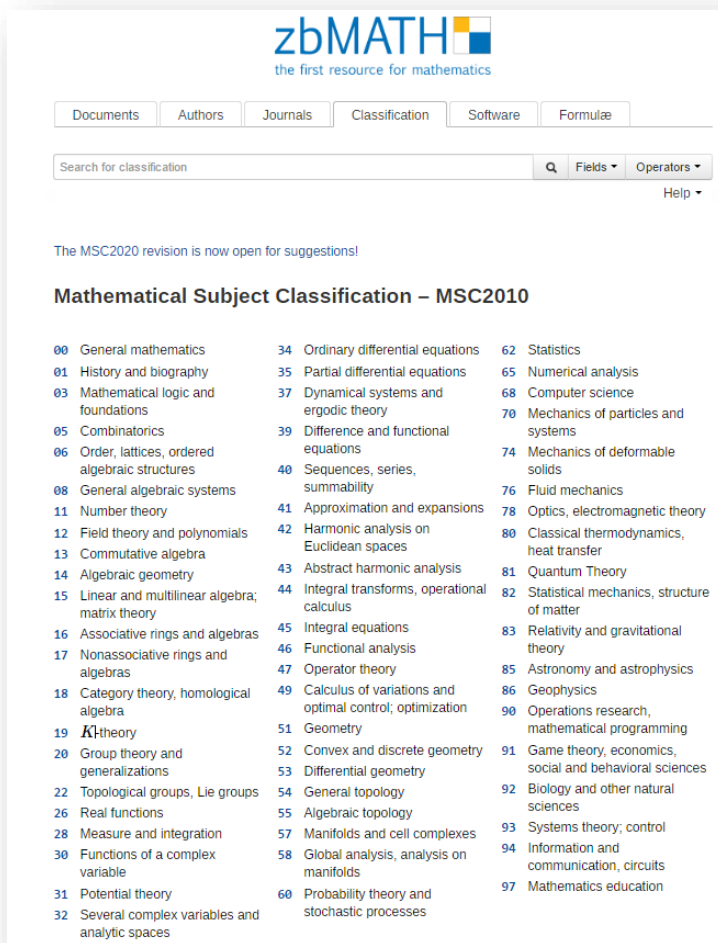
Publicaciones por años

Ranking de publicaciones más citadas

Ranking citas por autores, revistas y campos de trabajo

Citas por años

Tipos de consulta



zbMATH
the first resource for mathematics

Documents Authors Journals Classification Software Formulas

Search for classification Fields Operators Help

The MSC2020 revision is now open for suggestions!

Mathematical Subject Classification – MSC2010

00 General mathematics	34 Ordinary differential equations	62 Statistics
01 History and biography	35 Partial differential equations	65 Numerical analysis
03 Mathematical logic and foundations	37 Dynamical systems and ergodic theory	68 Computer science
05 Combinatorics	39 Difference and functional equations	70 Mechanics of particles and systems
06 Order, lattices, ordered algebraic structures	40 Sequences, series, summability	74 Mechanics of deformable solids
08 General algebraic systems	41 Approximation and expansions	76 Fluid mechanics
11 Number theory	42 Harmonic analysis on Euclidean spaces	78 Optics, electromagnetic theory
12 Field theory and polynomials	43 Abstract harmonic analysis	80 Classical thermodynamics, heat transfer
13 Commutative algebra	44 Integral transforms, operational calculus	81 Quantum Theory
14 Algebraic geometry	45 Integral equations	82 Statistical mechanics, structure of matter
15 Linear and multilinear algebra; matrix theory	46 Functional analysis	83 Relativity and gravitational theory
16 Associative rings and algebras	47 Operator theory	85 Astronomy and astrophysics
17 Nonassociative rings and algebras	49 Calculus of variations and optimal control, optimization	86 Geophysics
18 Category theory, homological algebra	51 Geometry	90 Operations research, mathematical programming
19 K -theory	52 Convex and discrete geometry	91 Game theory, economics, social and behavioral sciences
20 Group theory and generalizations	53 Differential geometry	92 Biology and other natural sciences
22 Topological groups, Lie groups	54 General topology	93 Systems theory; control
26 Real functions	55 Algebraic topology	94 Information and communication, circuits
28 Measure and integration	57 Manifolds and cell complexes	97 Mathematics education
30 Functions of a complex variable	58 Global analysis, analysis on manifolds	
31 Potential theory	60 Probability theory and stochastic processes	
32 Several complex variables and analytic spaces		

Búsqueda por MSC. Es el tipo de búsqueda más pertinente porque busca por la clasificación que cada autor asigna a cada artículo.

Permite acotar por comandos la búsqueda inicial

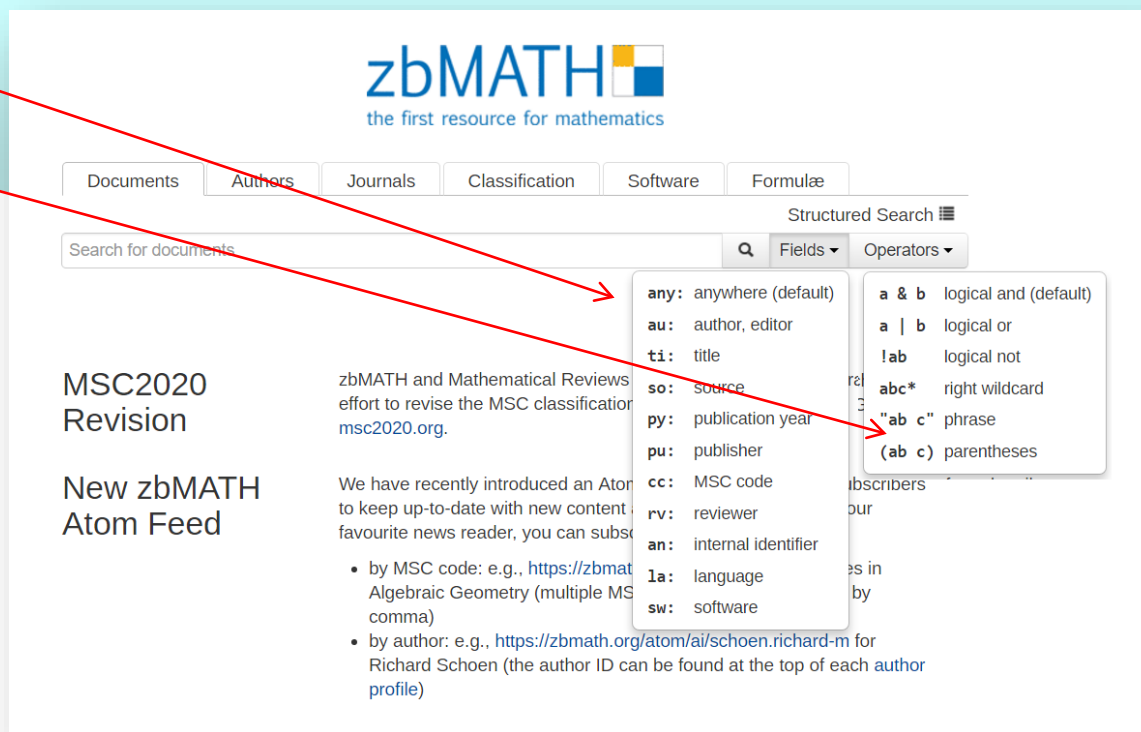
ZentralblattMath

Acotaciones

Aplicables en cualquier tipo de consulta. Dirigida a: documentos, autores, revistas o clasificación.

Puede delimitarse por:

- Campos y/o
- Operadores



The screenshot shows the zbMATH website interface. At the top, there is a navigation bar with tabs for Documents, Authors, Journals, Classification, Software, and Formulæ. Below this is a search bar with the text "Search for documents" and a search icon. To the right of the search bar are buttons for "Fields" and "Operators". A dropdown menu is open under the "Operators" button, listing various search operators and their functions. Red arrows from the text on the left point to the "Fields" and "Operators" buttons in the screenshot.

zbMATH
the first resource for mathematics

Documents Authors Journals Classification Software Formulæ

Structured Search

Search for documents

any: anywhere (default)
 au: author, editor
 ti: title
 so: source
 py: publication year
 pu: publisher
 cc: MSC code
 rv: reviewer
 an: internal identifier
 la: language
 sw: software

a & b logical and (default)
 a | b logical or
 lab logical not
 abc* right wildcard
 "ab c" phrase
 (ab c) parentheses

MSC2020 Revision
 New zbMATH Atom Feed

zbMATH and Mathematical Reviews effort to revise the MSC classification msc2020.org.

We have recently introduced an Atom to keep up-to-date with new content. favourite news reader, you can subscribe

- by MSC code: e.g., <https://zbmath.org/atom/ai/schoen.richard-m> for Algebraic Geometry (multiple MSC comma)
- by author: e.g., <https://zbmath.org/atom/ai/schoen.richard-m> for Richard Schoen (the author ID can be found at the top of each author profile)

ZentralblattMath

Acotaciones

zbMATH Documents Authors Journals Classification Software Formulae

Structured Search

algebra

Page 1 of 2186

Found 218566 documents (Results 1–100)

Filter recent results by ...

- Authors
 - Jun, Young Bae (189)
 - Chajda, Ivan (171)
 - Park, Choonkil (160)
 - Shum, Kar-Ping (118)
 - Eshaghi Gordji, Madjid (108)
- Journals
 - J. Algebra (6821)
 - Linear Algebra Appl. (6622)
 - Commun. Algebra (4800)
 - J. Pure Appl. Algebra (2922)
 - J. Algebra Appl. (1361)
- Classification
 - 16-XX (14754)
 - 20-XX (13775)
 - 17-XX (11805)
 - 46-XX (10306)
 - 15-XX (9870)
- Publication Year
 - 2017 (686)
 - 2016 (5779)
 - 2015 (6905)
 - 2014 (7083)
 - 2013 (7401)

Hashimoto, Mitsuyasu
Higher-dimensional absolute versions of symmetric, Frobenius, and quasi-Frobenius algebras. (English) [Zbl 06688884]
Math. J. Okayama Univ. 59, 131-140 (2017).
MSC: 16E65 14A15

Helmer, Leonid
Reflexivity of non-commutative Hardy algebras. (English) [Zbl 06686608]
J. Funct. Anal. 272, No. 7, 2752-2794 (2017).
MSC: 46L47

Cameron, Jan; Fang, Junsheng; Mukherjee, Kunal
Mixing and weakly mixing abelian subalgebras of type II_1 factors. (English) [Zbl 06686606]
J. Funct. Anal. 272, No. 7, 2697-2725 (2017).
MSC: 46L10

Rindler, H.
Book review of: Jörg Liesen and Volker Mehrmann, Lineare Algebra. Ein Lehrbuch über die Theorie mit Blick auf die Praxis. 2nd ed. (English) [Zbl 06686604]
Monatsh. Math. 182, No. 2, 496-497 (2017).
MSC: 00A17 15-01

Carqueville, N.

Filtrando la búsqueda por:

- Autores
- Revistas
- Clasificación
- Año de publicación

Búsquedas

Referencia Zbl

Autores

Título

Datos de la revista

Resumen

Notaciones de la MSC

Palabras clave

Enlaces hipertextuales

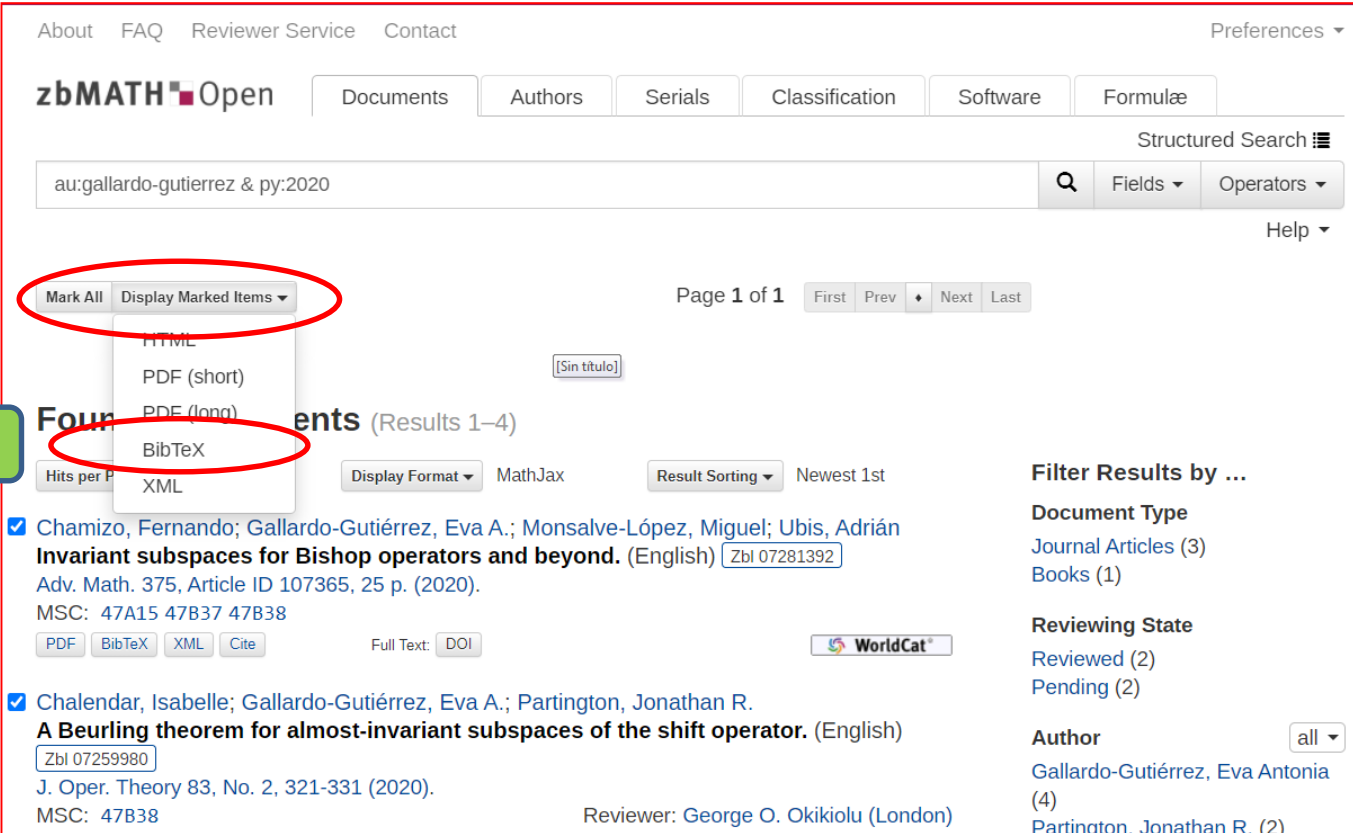
Formatos



The screenshot shows the ZentralblattMath search results page. At the top, there are navigation tabs for 'World of Mathematics', 'Database >>ZMATH<<', 'MSC 2000 MSC 2010', 'Reviewer Service', and 'Subscription >>ZMATH<<'. Below this is a 'Simple Search' section with a search bar containing 'an 1089.60029' and buttons for 'Clear' and 'Search'. A 'Login' form is visible on the right side of the search bar. The search results display the entry 'Zbl 1089.60029' by 'Bañuelos, Rodrigo; Kulczycki, Tadeusz' with the title 'Eigenvalue gaps for the Cauchy process and a Poincaré inequality'. The summary, MSC 2000 classification (*60G32, 60J45), keywords, and citations are also visible. At the bottom, there are links for 'PDF', 'XML', 'ASCII', 'DVI', 'PS', 'BibTeX', 'Online Ordering', 'Link to Full Text', and 'Link to Serial'. The footer contains copyright information for Zentralblatt MATH, European Mathematical Society, and Springer-Verlag.

Guardar y exportar

1. Marcar los items de una búsqueda
2. En **Display Marked Items** seleccionar formato **BibTeX**



[About](#) [FAQ](#) [Reviewer Service](#) [Contact](#) [Preferences](#) ▾

zbMATH^{Open}
Documents
Authors
Serials
Classification
Software
Formulæ

Structured Search ☰

Fields ▾
Operators ▾

[Help](#) ▾

1
Page 1 of 1

2

 ▾

[Sin título]

Four (Results 1–4)

MathJax

 ▾
 Newest 1st

Filter Results by ...

Document Type

[Journal Articles](#) (3)

[Books](#) (1)

Reviewing State

[Reviewed](#) (2)

[Pending](#) (2)

Author ▾

[Gallardo-Gutiérrez, Eva Antonia](#) (4)

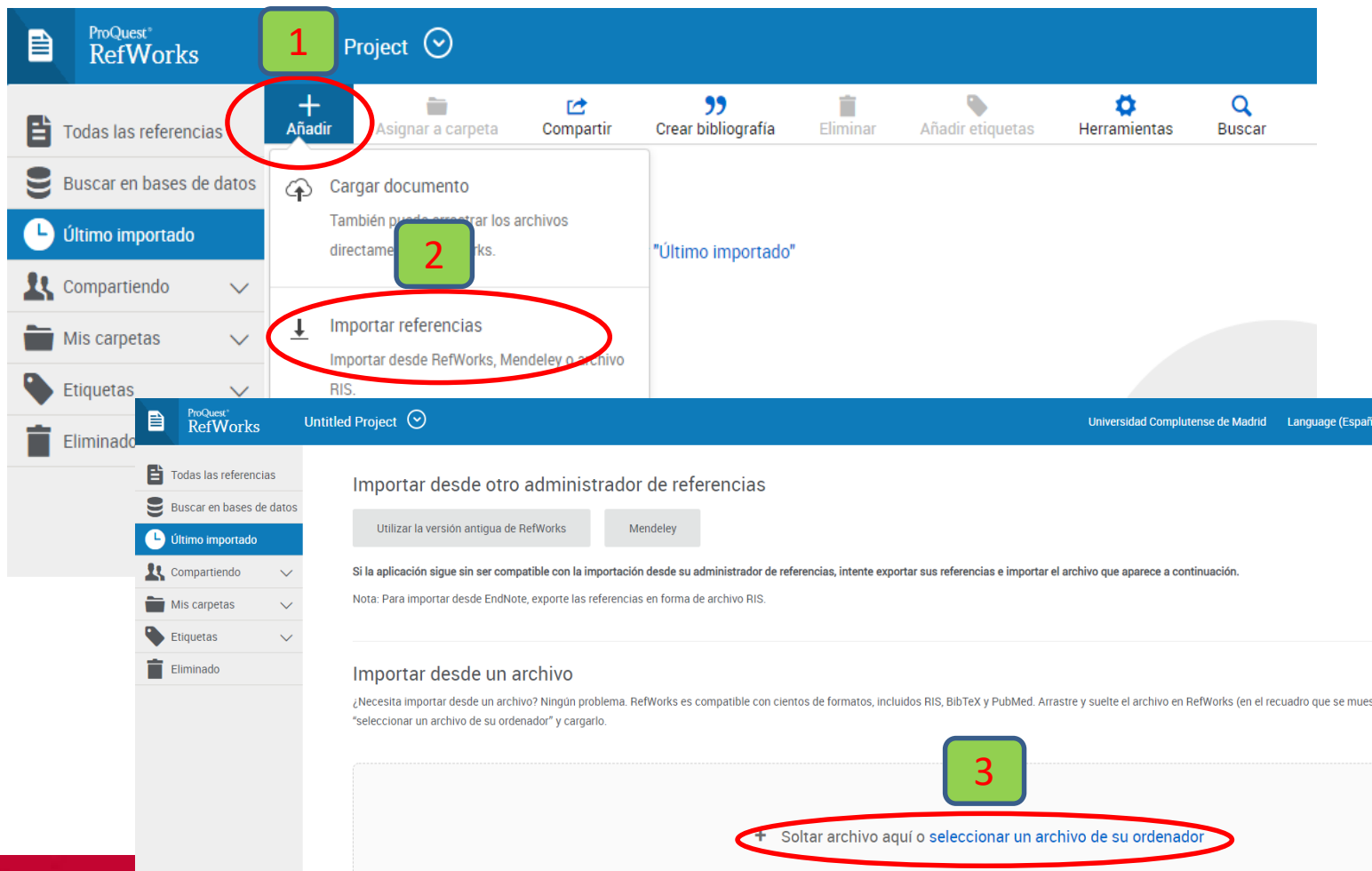
[Partington, Jonathan R.](#) (2)

[Chamizo, Fernando; Gallardo-Gutiérrez, Eva A.; Monsalve-López, Miguel; Ubis, Adrián](#)
Invariant subspaces for Bishop operators and beyond. (English) [Zbl 07281392](#)
 Adv. Math. 375, Article ID 107365, 25 p. (2020).
 MSC: 47A15 47B37 47B38
 Full Text:

[Chalendar, Isabelle; Gallardo-Gutiérrez, Eva A.; Partington, Jonathan R.](#)
A Beurling theorem for almost-invariant subspaces of the shift operator. (English)
[Zbl 07259980](#)
 J. Oper. Theory 83, No. 2, 321-331 (2020).
 MSC: 47B38 Reviewer: George O. Okikiolu (London)

Guardar y exportar

3. En la pantalla que se abre hay que copiar el texto, pegar en el blog de notas y guardar el archivo con extensión *.txt.
4. Ir al gestor RefWorks siguiendo la secuencia: **Añadir - Importar referencias - seleccionar el archivo *.txt**



The screenshot shows the ProQuest RefWorks interface. The top navigation bar includes 'ProQuest RefWorks', 'Project', and a dropdown arrow. Below this is a toolbar with icons for 'Todas las referencias', 'Añadir', 'Asignar a carpeta', 'Compartir', 'Crear bibliografía', 'Eliminar', 'Añadir etiquetas', 'Herramientas', and 'Buscar'. The 'Añadir' button is circled in red and labeled with a green box containing the number '1'. A dropdown menu is open under 'Añadir', showing options like 'Cargar documento', 'Importar referencias', and 'Importar desde RefWorks, Mendeley o Archivo RIS'. The 'Importar referencias' option is circled in red and labeled with a green box containing the number '2'. Below the dropdown, there are buttons for 'Utilizar la versión antigua de RefWorks' and 'Mendeley'. A message states: 'Si la aplicación sigue sin ser compatible con la importación desde su administrador de referencias, intente exportar sus referencias e importar el archivo que aparece a continuación. Nota: Para importar desde EndNote, exporte las referencias en forma de archivo RIS.' Below this, there is a section titled 'Importar desde un archivo' with a message: '¿Necesita importar desde un archivo? Ningún problema. RefWorks es compatible con cientos de formatos, incluidos RIS, BibTeX y PubMed. Arrastre y suelte el archivo en RefWorks (en el recuadro que se muestra "seleccionar un archivo de su ordenador" y cargarlo.' A large dashed box is present, and the text 'Soltar archivo aquí o seleccionar un archivo de su ordenador' is circled in red and labeled with a green box containing the number '3'.

Ada Lovelace: el primer programador de la historia



Amador Carvajal

Subdirector de la Biblioteca de Matemáticas
de la Universidad Complutense de Madrid

¡MUCHAS GRACIAS!