



American Mathematical Association - AMS

- A American Mathematical Society (AMS) é uma associação de matemáticos profissionais dedicados aos interesses da pesquisa e bolsa de estudos matemáticos e atende a comunidade nacional e internacional através de suas publicações, reuniões, advocacia e outros programas.

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**Mathematical Reviews**

- MathSciNet é uma base de dados bibliográfica online pesquisável criada pela American Mathematical Society em 1996, e contém todos os conteúdos da revista Mathematical Reviews (MR) desde 1940, juntamente com um extenso banco de dados de autor, links para outras entradas de MR, citações, entradas de diários completas e links para artigos originais.

A página inicial é dividida em quatro partes:

1. Menu superior
2. Opções de tipo de pesquisa: Publications, Authors, Journals ou Citations
3. Caixas de pesquisas
4. Limitadores de pesquisa

The screenshot shows the MathSciNet homepage. At the top, there is a navigation bar with links: clipboard, Home, Preferences, Free Tools, About, Librarians, Reviewers, Terms of Use, and Blog. A red box labeled '1' highlights this bar. Below the navigation bar is the MathSciNet logo and the text 'AMERICAN MATHEMATICAL SOCIETY MATHSCINET MATHEMATICAL REVIEWS'. A red box labeled '2' highlights the 'Publications' tab in the main menu, which also includes Authors, Journals, and Citations. To the right of the menu is the text 'Offices of CAPES MSN Consortium' and a 'REMOTE ACCESS' button. A red box labeled '3' highlights the 'Search Terms' section, which contains four dropdown menus for Author, Title, MSC Primary, and Anywhere, each with an 'and' dropdown menu to its right. To the right of the search terms is a 'NEW! > Author Profile Personalization Read More' button. A red box labeled '4' highlights the 'Time Frame' and 'Publication Type' sections. The 'Time Frame' section has radio buttons for 'Entire Database', 'Year' (with a dropdown menu), and 'Year Range' (with two dropdown menus). The 'Publication Type' section has radio buttons for All (selected), PDF, Books, HTML, Journals, and Proceedings. Below these sections are 'Search' and 'Clear' buttons. At the bottom of the page, there is a footer with the text 'Facts and Figures: 3,690,588 total publications', 'Help', 'Contact Us', and copyright information: '© Copyright 2019, American Mathematical Society Privacy Statement'.

A página de resultados de pesquisa é dividida em 4 partes:

1. Tipos de ordenação
2. Busca dentro dos resultados de pesquisa obtidos
3. Filtros de refinamento de pesquisa
4. Resultados de pesquisa

The screenshot shows the MathSciNet search results page with the following interface elements:

- Header:** AMERICAN MATHEMATICAL SOCIETY, MathSciNet Mathematical Reviews, ISSN 2167-5163.
- Top Right:** Home, Preferences, Free Tools, Help, Support Mail, Terms of Use, Blog, Offices of CAPES MSN Consortium, and a Remote Access logo.
- Search Results Summary:** Matches: 144665, Show first 100 results, Batch Download: Reviews (HTML), Sort by: Newest, Publications results for "Anywhere=(Geometry)".
- Section 1:** Sort by: Newest (dropdown).
- Section 2:** Search within results (input field).
- Section 3:** Item Type (dropdown menu):
  - Reviewed (133260)
  - Indexed (6895)
  - DML (1918)
  - Pending (1332)
  - Thesis (1045)
  - Prelim (177)
  - Expansion (37)
- Section 4:** List of search results (highlighted with a red border):
  - MR3632474 Reviewed Izquierdo, Daniel R. Analysis of the convergence of the solution for linear elliptic equations under a generalized finite difference scheme. (Portuguese) *Bol. Soc. Paraná. Mat.* (3) 36 (2018), no. 1, 101–116. 65N06 (65N12) Review PDF | Clipboard | Journal | Article
  - MR3692495 Prelim Nadirashvili, Nikolai; Vladut, Serge; Integral Geometry of Euler Equations. *Arnold Math. J.* 3 (2017), no. 3, 397–421. 76B03 (35J61) Review PDF | Clipboard | Journal | Article
  - MR3692354 Prelim Yamada, Yasuhiko; An elliptic Garnier system from interpolation. *SIGMA Symmetry Integrability Geom. Methods Appl.* 13 (2017), 069, 8 pages. 39A13 (33E05 33E17 41A05) Review PDF | Clipboard | Journal | Article
  - MR3692268 Prelim Zhou, Wei; Liu, Biao; Wang, Qiao; Cheng, Yonggang; Ma, Gang; Chang, Xiaolin; Chen, Xudong; NURBS-enhanced boundary element method based on independent geometry and field approximation for 2D potential problems. *Eng. Anal. Bound. Elem.* 83 (2017), 158–166. Review PDF | Clipboard | Journal | Article
  - MR3691721 Prelim Dressler, Mareike; Ilman, Sadik; de Wolff, Timo; A Positivstellensatz for Sums of Nonnegative Circuit Polynomials. *SIAM J. Appl. Algebra Geom.* 1 (2017), no. 1, 536–555. 14P10 (12D05 52B20 90C25) Review PDF | Clipboard | Journal | Article
  - MR3691697 Prelim Collet, A.; Bragard, J.; Dauby, P. C.; Temperature, geometry, and bifurcations in the numerical modeling of the cardiac mechano-electric feedback. *Chaos* 27 (2017), no. 9, 093924, 12 pp. 92C30 Review PDF | Clipboard | Journal | Article
  - MR3691489 Prelim Barik, Nikunja Bihari; Sekhar, T. V. S.; A novel RBF-FD meshless scheme in curvilinear geometry for unbounded flows. *Int. J. Comput. Methods Eng. Sci. Mech.* 18 (2017), no. 4-5, 209–219. 65 (76) Review PDF | Clipboard | Journal | Article

A página do conteúdo é dividida em três partes:

1. Seleção de formatos de visualização (PDF / gerenciadores de citações)
2. Informações da publicação
3. Revisão

The screenshot shows a MathSciNet page with the following structure:

- Section 1 (Top Left):** A red box highlights the "Select alternative format" dropdown menu.
- Section 2 (Middle Left):** A red box highlights the publication record:
  - Publication ID: MR3896919
  - Status: Reviewed
  - Authors: Basavanagoud, B. (6-KARN); Gao, Wei (PRC-YNN-NDM); Patil, Shreekanth (6-KARN); Desai, Veena R. (6-KARN); Mirajkar, Keerthi G. (6-KARN); Pooja, B (6-KARN)
  - Title: Computing first Zagreb index and F-index of new C-products of graphs. (English summary)
  - Journal: Appl. Math. Nonlinear Sci. 2 (2017), no. 1, 285–298.
  - Classification: MSC07 (05C76)
  - Links: Review PDF | Clipboard | Journal | Article | Make Link
- Section 3 (Bottom Left):** A red box highlights the summary of the review:

Summary: "For a (molecular) graph, the first Zagreb index is equal to the sum of squares of the degrees of vertices, and the F-index is equal to the sum of cubes of the degrees of vertices. In this paper, we introduce sixty four new operations on graphs and study the first Zagreb index and F-index of the resulting graphs."



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