

## 如何发现 MathSciNet 中近期新增\*的数学文献

新学期即将开始，如何找出自己关注的领域近期新增了哪些文献？

访问各个全文数据库，输入关键词逐个检索、逐个筛选？

繁琐不说，筛选目标文献，搜集线索太辛苦！

期刊还好找，图书、会议文献哪儿去找线索？

MathSciNet 提供了 Current Publications（最新出版物）功能，可通过以下方法进入：

打开 MathSciNet 首页（[www.ams.org/mathscinet](http://www.ams.org/mathscinet)），点击右上角的 free tools（免费工具箱），再点击 Current Publications（最新出版物）。

Current Publications 提供了多个筛选选项，见图一：

- ✓ 按时间段\*（当月、上个月、两个月以前、三个月以前……）；
- ✓ 按文献的 MSC 分类号（大类、二级分类、三级分类）；
- ✓ 文献类型（全部、图书、期刊、会议录）；
- ✓ 文献状态（编入索引、有评论）。

The screenshot shows the 'Current Publications' filter interface. It includes tabs for 'Search MSC', 'Collaboration Distance', 'Current Journals', and 'Current Publications'. The 'Current Publications' tab is active. Below the tabs, there are several filter sections: 'Time Frame' with a dropdown menu set to 'This month'; 'Classification' with a dropdown menu set to 'All Classifications' and a text input field for manual entry; 'Publication Type' with radio buttons for 'All', 'Books', 'Journals', and 'Proceedings'; and 'Status' with radio buttons for 'Indexed' and 'Reviewed'. At the bottom, there are 'Search' and 'Clear' buttons.

图一：MathSciNet Current Publications

关于“新增”：

MathSciNet 的文献新增时间非原始文献的出版时间，而是该文献新增到 MathSciNet 数据库的时间，由于少数文献（部分图书或会议文献）电子版在出版社的上线时间较晚，故新增到 MathSciNet 较晚。

关于“时间段”

“Last month（上个月）”指上个月新增的文献，“2 months ago（两个月以前）”可理解为“上上个月”这一个月新增的文献。

# 使用演示

一、 找出当月（以 2017 年 8 月为例）新增的全部数学文献，见图二：

The screenshot shows a search interface with the following elements:

- Search MSC** and **Collaboration Distance** tabs.
- Matches: 13375** and **Show first 100 results** link.
- Batch Download:** **Reviews (HTML)** | **Retrieve Marked** | **Retrieve First 50** | **Mark All** | **Unmark All**
- Publications results for "All publications entered this month"**
- Sort by:** **Newest**
- Search within results** input field.
- Item Type** filter: Pending (7656), Indexed (3004), Reviewed (2319), Expansion (396).
- Institutions** filter: Moscow State University (120), Department of Mathematics, Indian Institute of Technology (86).
- Time Frame:** **This month**
- Classification:** **All Classifications**
- Publication Type:** **All**, Books, Journals, Proceedings.
- Status:** **Indexed**, Reviewed.
- Search** and **Clear** buttons.

Five search results are visible:

- MR3674776** Pending Mahmoud, Magdi S. Fuzzy control, interconnected systems. *Springer, Cham*, 2018. xxvi+689 54954-5 93-02 (03E72 93C42) Review PDF | Clipboard | Series | Book
- MR3674657** Reviewed Gan, Buntara S. An isogeometric approach from classical to modern technique. *Springer, Cham*, 2018. xiv+319-56493-7 65N30 (65D07 74K10) Review PDF | Clipboard | Series | Book
- MR3674429** Reviewed Gazi, Orhan Understanding digital signal processing. *Springer, Singapore*, 2018. ix+303 pp. ISBN 978-981-10-94-01 (94-02 94A12) Review PDF | Clipboard | Series | Book
- MR3666018** Pending Weiss, Ittay A Niemytzky-Tychonoff process. *Proc. 51 (2018)*, 55–60. 54D30 Review PDF | Clipboard | Journal | Article
- MR3661658** Pending Sharma, Puneet; Raghav, Manish C Dynamical systems. *Topology Proc. 52 (2018)*, 45–59. 37J Review PDF | Clipboard | Journal | Article

图二：当月（以 2017 年 8 月为例）新增的全部文献（共 13,375 条记录）

如只想查看 70F 类新增的文献，可在分类框内输入 **70F**，点击 Search，筛选出 19 条记录，见图三：  
**70F: [Dynamics of a system of particles, including celestial mechanics](#)**（质点系动力学，含天体力学）

The screenshot shows a search interface with the following elements:

- Search MSC** and **Collaboration Distance** tabs.
- Matches: 19** and **Show first 100 results** link.
- Batch Download:** **Reviews (HTML)** | **Retrieve Marked** | **Retrieve First 50** | **Mark All** | **Unmark All**
- Publications results for "All publications entered this month AND classification = (70F)"**
- Sort by:** **Newest**
- Search within results** input field.
- Item Type** filter: Pending (11), Indexed (7), Reviewed (1).
- Institutions** filter: Department of Automation, Biomechanics and Mechatronics, Technical University of Łódź (3), Applied (2).
- Time Frame:** **This month**
- Classification:** **70F**
- Publication Type:** **All**, Books, Journals, Proceedings.
- Status:** **Indexed**, Reviewed.
- Search** and **Clear** buttons.

Five search results are visible:

- MR3665673** Pending Yu, Guowei Simple choreographies of the three-body problem. *Arch. Ration. Mech. Anal. 225 (2017)*, no. 2, 901–935. 70F10 Review PDF | Clipboard | Journal | Article
- MR3663844** Indexed Kumar, Vinay; Gupta, Beena R.; Aggarwal, Anil K. Phase space of Jupiter-Europa system including the effect of the Sun. *Journal of Spacecraft and Rockets 54 (2017)*, no. 1, 479–495. 70F07 (37M05 37M10) Review PDF | Clipboard | Journal | Article
- MR3663840** Indexed Hassan, M. R.; Hassan, Md. Aminul; Ali, M. A. Equilibrium points in the Sun-Jupiter system under Szebehely's criterion. *Journal of Spacecraft and Rockets 54 (2017)*, no. 1, 479–495. 70F07 (37M05 70F15) Review PDF | Clipboard | Journal | Article
- MR3663648** Pending Liu, Chao; Gong, Shengping The Hill's problem in the Sun-Jupiter system. *Astrophys. Space Sci. 362 (2017)*, no. 7, Paper No. 7. 70F07 (37M05 70F15) Review PDF | Clipboard | Journal | Article
- MR3660915** Pending Zotos, Euaggelos E. Equilibrium points of the restricted four-body problem with angular velocity. *Chaos Solitons & Fractals 102 (2017)*, 1–10. 70F07 (37M05 70F15) Review PDF | Clipboard | Journal | Article

图三：当月（以 2017 年 8 月为例）新增的 70F 类文献（共 19 条记录）

## 二、 找出上个月新增的图书，见图四：

时间段选：Last month，文献类型选：Books，点击 Search，共发现 241 种图书。

Search MSC Collaboration Distance **Matches: 241** Show first 100 results

Batch Download: **Reviews (HTML)** Retrieve Marked Retrieve First 50 Mark All Unmark All

Publications results for "Books entered last month"

Sort by: **Newest**

Search within results

Item Type

- Reviewed (155)
- Pending (84)
- Indexed (2)

Institutions

- Sandia National Laboratories (5)
- Department of Applied Mathematics, University of (2)

Time Frame: **Last month**

Classification: **All Classifications**

or Enter a 2-, 3-, or 5-digit classification

Publication Type:  All  Journals  Proceedings

Status:  Indexed  Reviewed

**Search** **Clear**

**MR3674776** Pending **Mahmoud, Magdi S.** Fuzzy control, interconnected systems. *Springer, Cham*, 2018. xxvi+689. ISBN: 978-3-319-54954-5 93-02 (03E72 93C42)  
Review PDF | Clipboard | Series | Book

**MR3674657** Reviewed **Gan, Buntara S.** An isogeometric a classical to modern technique. *Springer, Cham*, 2018. xiv+319-56493-7 65N30 (65D07 74K10)  
Review PDF | Clipboard | Series | Book

**MR3674429** Reviewed **Gazi, Orhan** Understanding digital : Processing, 13. *Springer, Singapore*, 2018. ix+303 pp. IS 4962-0 94-01 (94-02 94A12)  
Review PDF | Clipboard | Series | Book

**MR3645133** Pending **Hua, Changchun; Zhang, Liuliu; Gu** time-delay systems. *Springer, Singapore*, 2018. xii+300 | 5131-9 93-02 (34K20 93C23 93Dxx)  
Review PDF | Clipboard | Series | Book

图四：上个月（以 2017 年 7 月为例）新增的所有图书

如想查看上个月 91 类新增的图书，在分类框内输入 91，点击 Search，筛选出 5 种图书，见图五：

91: Game theory, economics, social and behavioral sciences（博弈论、经济学、社会学和行为科学）

Search MSC Collaboration Distance **Matches: 5**

Batch Download: **Reviews (HTML)** Retrieve Marked Retrieve First 50 Mark All Unmark All

Publications results for "Books entered last month AND classification = (91)"

Sort by: **Newest**

Search within results

Item Type

- Reviewed (4)
- Pending (1)

Institutions

- Department of Civil and Natural Resources Engineering, University of Canterbury (1)
- EDHEC Business (1)

Time Frame: **Last month**

Classification: **91**

or Enter a 2-, 3-, or 5-digit classification

Publication Type:  All  Journals  Proceedings

Status:  Indexed  Reviewed

**Search** **Clear**

**MR3643218** Pending **Martínez Ordóñez, Lucía** Military operations and empirical analyses. *Springer, Cham*, 2017. xiii+10. ISBN: 978-3-319-56108-0 91A80 (91A05)  
Review PDF | Clipboard | Series | Book

**MR3642698** Reviewed **Zhu, Bangzhu; Chevallier, Julien** Pricing and empirical analyses. With a foreword by Yi-Ming Wei. *Springer, Cham*, 2017. xiv+978-3-319-57617-6; 978-3-319-57618-3 91-02 (86A04 91B76)  
Review PDF | Clipboard | Series | Book

**MR3585483** Reviewed **Raffensperger, John F.; Milke, Mark V.** A manual for implementation. With a foreword by Vernon L. Smith. *Springer, Cham*, 2017. xxxii+313 pp. ISBN: 978-3-319-55918-7 91B76  
Review PDF | Clipboard | Series | Book

**MR3585482** Reviewed **Fallahgoul, Hasan A.; Focardi, Sergio** Time delay and fractional processes with applications to financial econometrics. *Elsevier/Academic Press, London*, 2017. x + 105 pp. ISBN: 978-0-12-809125-9 91G20 91G30  
Review PDF | Clipboard | Series | Book

图五：上个月（以 2017 年 7 月为例）新增的 91 类图书（共 5 种图书）

如您有任何关于 AMS 数字资源（MathSciNet、电子期刊、电子书）的问题

可以随时致电：010-67047164/18611837448（同微信号）、ams@libstage.com