Requested Mathematics Titles for LSU Libraries: An Overview

Over the past year and a half, we have received 43 requests for Mathematics titles. Of these 32 have arrived (including one 4-volume set) and 9 are currently (10/8/08) on order.


The average time between a request and when a book is entered into the LSU catalog is 5 months. But this time varies by availability of book funds. In the Fall semester, when money is budgeted for book purchases, the delay is usually only 2 months.

Requested books broke down by major areas of Mathematics and other sciences in Library of Congress classifications:

- Algebra (QA150-255): 4
- Probability and Statistics (QA273-279): 1
- Analysis (QA299.6-433): 24
- Geometry (QA440-699): 5
- Physics (QC): 3
- General Biology (QH): 1
- Mechanics (TJ): 1

4 Others are classified in QA1 because they are parts of monograph series, so are not classified by subject.

Math Reviews Statistical Highlights

5 Primary Mathematics Subject Classes with fastest growth rates 1960-2006 (among classes covering entire period)

- 68 Computer Science 9.8%
- 92 Mathematical Biology 8.3%
- 86 Geophysics 7.0%
- 49 Calc of Variations 7.0%
- 83 Relativity & Gravitation 6.2%

5 Primary MSCs with slowest growth rates 1960-2006 (among classes covering entire period)

- 40 Sequences & Series -0.07%
- 85 Astrophysics -0.04%
- 44 Integral Transforms -0.03%
- 12 Field Theory 0.4%
- 55 Algebraic Topology 0.5%

5 Primary MSCs with fastest growth rates 1997-2006 (among classes covering entire period)

- 92 Mathematical Biology 14.0%
- 94 Information & Comm 11.5%
- 39 Finite Diff & Funct Equa 6.7%
- 86 Geophysics 5.1%
- 26 Real Functions 5.0%

5 Primary MSCs with slowest growth rates 1997-2006 (among classes covering entire period)

- 58 Global Analysis -11.9%
- 44 Integral Transforms -3.3%
- 22 Top & Lie Groups -3.0%
- 28 Measure & Integration -2.4%
- 8 General Algebra -2.0%

More Math Reviews statistics >>

Do not hesitate to contact the library about your book and journal wish lists: Aaron Lercher at alerche1@lsu.edu

Your Mathematics Librarian is eager to receive requests, since these are the only way to be certain that what is ordered is really what is wanted.
<table>
<thead>
<tr>
<th>Major field</th>
<th>Primary Subjects</th>
<th>Growth rate, 1960-2006</th>
<th>Growth rate, 1997-2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math Reviews total</td>
<td>All MSC</td>
<td>4.0%</td>
<td>2.7%</td>
</tr>
<tr>
<td>Combinatorics</td>
<td>5</td>
<td>6.7%</td>
<td>3.6%</td>
</tr>
<tr>
<td>Number Theory</td>
<td>10, 11</td>
<td>3.8%</td>
<td>1.2%</td>
</tr>
<tr>
<td>Algebra</td>
<td>12-22</td>
<td>3.5%</td>
<td>1.6%</td>
</tr>
<tr>
<td>Analysis</td>
<td>26-49</td>
<td>3.5%</td>
<td>1.8%</td>
</tr>
<tr>
<td>Geometry</td>
<td>50-58</td>
<td>3.0%</td>
<td>-2.3%</td>
</tr>
<tr>
<td>Probability &amp; Statistics</td>
<td>60, 62</td>
<td>4.2%</td>
<td>3.4%</td>
</tr>
<tr>
<td>Numerical Analysis &amp; Computer Science</td>
<td>65, 68</td>
<td>6.0%</td>
<td>0.7%</td>
</tr>
<tr>
<td>Math Physics</td>
<td>70-86</td>
<td>4.7%</td>
<td>1.6%</td>
</tr>
<tr>
<td>Other Applied</td>
<td>90-94</td>
<td>5.8%</td>
<td>6.7%</td>
</tr>
</tbody>
</table>