# Library of Congress

# *CDS Announcement*

## AMERICAN MATHEMATICAL SOCIETY PILOT
## BECOMES PERMANENT

After completing a pilot project (CDS Announcement, August 12, 2010), the Library of Congress (LC) has instituted a process to enrich its Voyager records for titles published by the American Mathematical Society (AMS) under the Cataloging in Publication (CIP) Program.  The bibliographic records will include terms from AMS Mathematics Subject Classification (MSC) found in its electronic CIP record submissions.  The AMS subject terms will be included in addition to, not in place of, the Library of Congress Subject Headings in the bibliographic records.

LC, with input from AMS, developed a program that converts the MSC information into automated generated subject terms and places it into the ECIP records.  After testing the program in the integrated library system to determine unforeseen problems or unexpected results, LC staff evaluated the results of the enriched records.  The evaluation committee concluded that the Library's cataloging staff benefit primarily from the addition of the AMS subject terms to the records.  The information provides relevant insight on the nature of the titles, facilitates the librarians' subject analysis process and allows for quicker cataloging of the works.  Patrons and other library staff can realize greater discoveries in the database from the extra access points.

LC managers concurred with the committee's findings and accepted the recommendation that the pilot's workflow be implemented as a standard part of its cataloging work stream.  The AMS subject terms will appear in MARC 21 field 650 with the second indicator value "7" and the subfield 2 code "msc," the source code for the Mathematics Subject Classification.  Two examples follow.  The second example includes, in the parentheses, information coded in TeX, a system used to represent complex mathematical formulae.

650  7 $a Combinatorics -- Graph theory -- Coloring of graphs and hypergraphs $2 msc

650  7 $a Functional analysis -- Selfadjoint operator algebras ($C^*$-algebras, von Neumann ($W^*$-) algebras, etc.) -- Noncommutative differential geometry $2 msc

Questions regarding this project may be sent to:

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