Library of Congress

CDS Announcement

PILOT PROJECT ANNOUNCEMENT:
AMS SUBJECT TERMS IN CIP RECORDS

One recommendation from *On the Record: Report of The Library of Congress Working Group on the Future of Bibliographic Control* was to "Encourage Application of, and Cross-Referencing with, Other Controlled Subject Vocabularies." In support of this recommendation, LC is beginning a pilot project to enrich bibliographic records for publications of the American Mathematical Society (AMS) by including terms from AMS's Mathematics Subject Classification (MSC) in Cataloging in Publication (CIP) records for AMS titles. AMS titles were chosen for this first pilot because subject analysis of mathematics titles can be difficult for non-mathematicians and because AMS routinely assigns multiple classification numbers from its MSC to each of the books which it submits for CIP. Subscribers to any MDS Books service may see this new data in records for items selected for this project.

With input from AMS, LC has developed a program that uses the AMS class numbers to create subject terms from the captions in the AMS classification list. During the pilot project, LC staff will note any problems or unexpected results encountered from this process. Besides providing additional terms for subject indexing and keyword access, projects to add terms from other vocabularies to LC records can provide a basis for correlations that could be used for future linked data projects.

AMS terms will be included in addition to, not in place of, LCSH terms. 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 representing 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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