



Department of Mathematics, University of Wisconsin-Madison

IMA "Hot Topics" Workshop: Enhancing the Searching of Mathematics

April 26-2

Enhance search to improve access

- New discoveries (Informational)
 - improve discovery of relevant information and communities
- Find what you know about (Navigational)
 - retrieve known proofs, lemmas, definitions

NIST Digital Library of Mathematical Functions (DLMF)

12 points of consensus

Information discovery in the FDL

- Graph-based approach to discover inherent structure and meaning
- Find related theorems, *hubs*, *authorities*, and other descriptive properties

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Event communities

