

MSRI Digitization Workshop

Break-out Session #2

ACCESS AND ARCHIVING

- **How do we integrate this with the rest of the mathematical literature?**
 - Initially we needed clarification on what was meant or intended by “the rest of the mathematical literature”
 - Standards are key; exploit OAI-PMH
 - Issues of linking to/from non-serial content: books, grey literature, non-print, not-published, non-MD Project. How much many maths publications utilize DOIs (NUMDAM doesn't)?
 - Concept solutions: Build a “referatory”. Integration issue is non-trivial.

- **How do we keep track of ongoing and completed projects?**
 - How do we define “project”? Just MD Project journals?
 - Establish a central organization responsible for administration and tracking (joint management by MR & Zbl?)
 - Examples of current work in this area: Ulf Rehmann and Thomas Fischers' prototypical registries.
 - Push/pull issues in acquiring data.
 - Granularity of tracking: By journal? By article?
 - OAI metadata

- **Should there be a moving wall? What is the right length of time? Variable?**
 - Consensus is yes, and it should be variable (terms set by the publisher).
 - What about developing economies? Should MD Project mandate that publishers provide unfettered access?

- **Can Google provide enough access?**
 - We have to accept its current impact on the scholarly communications environment: It's the most heavily used search service.
 - We should engage them. They don't provide enough access now but they (and competitors) clearly could. They are a player in this space that we can't ignore.

- They need to be able to index metadata (they currently ignore metadata and crawl full-text only).
- **How do we archive the material? Who's responsible? Who pays the costs?**
 - This should be more than just about archiving; the real issue is *preservation*.
 - The process involves: Storage, Migration, and Maintenance,
 - Create a distributed dark archive; keep TIFF, metadata (aka header files), and paper.
 - Academic libraries should be the stewards.
 - This component involves on-going costs; how to fund? Endowment? Tariff on subscriptions to current content?

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