

- 1 Academic Publishing
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- 5 I think the overall issue facing publishing and academics today is the high cost of providing **access** to and **archiving** academic (royalty-free, peer-reviewed) papers.
- ▼ 6 Journals are valuable for today's academic life
 - 6.1 Used to disseminate and archive research
 - 6.2 Used to decide promotions and grants, etc
 - 6.3 Depend on the journals to determine value
- ▼ 7 Publishing of any kind costs money and adds value.
 - 7.1 Available at a central archived location
 - 7.2 Tracking of papers in the refereeing process
 - 7.3 Maintenance of infrastructure
 - ▼ 7.4 Copy edited, Nice format, readability.
 - 7.4.1 Non-english speakers need their papers copyedited.
- 8 Publishers should be allowed to charge a **fair** cost for the value they add at initial publication.
- 9 But publishers should not be allowed to control access to the research they publish or have published in order to generate huge profits. (In this way journal articles are like songs.)
- 10 Scholarly societies and many independent publishers publish journals at prices that are one-third to one-sixth the prices of commercial publishers.
- 11 The solution is to find, provide, use, and if necessary start low-cost alternatives to the expensive journals. Competition!
- 12 However this choice does have a cost. More later.
- 13 There are a growing number of alternatives. Not all of which are open access alternatives.

- ▼ 14 NDJFL is one such alternative.
 - 14.1 As linked as possible. I.e. links to MathSciNet.
 - 14.2 In paper and available online at Project Euclid. Crawling Friendly.
 - 14.3 Free access to abstracts and references on PE.
 - 14.4 Pay for view at a reasonable price
 - ▼ 14.5 An author friendly copyright transfer agreement.
 - 14.5.1 Allow authors to place in archives.
 - ▼ 14.5.2 Good Publishers can use the copyright to allow boarder dissemination than authors alone can achieve.
 - 14.5.2.1 ND lecture notes in math will be available shortly online at Cornell for free. This would not be possible if ND did not hold the copyright.
 - ▼ 14.6 OA (Open Archive), published articles free after 5 years
 - 14.6.1 NIH will now archive papers (not the published versions but accepted submitted versions) from supported research and make them available after a period of time determined by the author, hopefully within a year. (See web for more details.)
 - 14.7 Funded by subscriptions and by support from College of Arts. Grants from various groups on campus.
 - 14.8 Give back to community. Open source. DPubS peer-review software.
- ▼ 15 General Math Issues
 - 15.1 No page charges, few ads.
 - 15.2 Most editors service without pay.
 - ▼ 15.3 Use of arXiv growing.
 - 15.3.1 Annals of Math is an overlay journal at the arXiv.
 - 15.4 Willing to paid slightly more if the extra is used to support mathematical community.

▼ 16 Open Access

- 16.1 Solves access issues. Democratic.
- 16.2 Solves the high cost to our libraries of providing access for library by shifting the cost.
- 16.3 Someone has to pay the bills. Research Grants? Publishing Grants? Department? Deans? College? University? Library? Author?
- ▼ 16.4 Show me the money
 - 16.4.1 NDJFL would be willing to go with open access were ND willing to cover all of the production costs.
- 16.5 I want all the bells and whistles added to the free after some initial period of time.
- 16.6 The ND math library cannot currently afford to subscribe to all the journals in which our math faculty publish. Could we pay to publish in all these journals?
- 16.7 Economic censorship.
- ▼ 16.8 No guarantee that the overall cost will be lower.
 - 16.8.1 Cornell predicts higher overall cost for Cornell if all journals went to open access.
- 16.9 Market forces help ensure quality.
- 16.10 Open access (where the publishing costs are covered by authors) is very limited business model. Might work in fields where research is funding driven and the publication costs are a very small percent of overall funding. Not Math!

▼ 17 Conclusions

- 17.1 Free access to abstracts and references
- 17.2 Pay for view at a reasonable price
- 17.3 An author friendly copyright transfer agreement

- 17.4 OA (Open Archives) is the way to go!! Publishers should forced recover a **fair** cost at initial publication.
- 17.5 To use and if necessary start low-cost alternatives to the expensive journals.
- 17.6 We want these alternatives now. Of course, we want all the previously available resources to continue to be available.
- 17.7 Unfortunately current budgets do not allow both. Hard choices must be made.