

## Mathematical (Academic) Publishing

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- Professor of Mathematics and hence author of mathematical research papers
- co-Chief Editor of Notre Dame Journal of Formal Logic (NDJFL) since 2001, acceptance rate about 50%
- Editor of Journal of Symbolic Logic (JSL), 2004-7, Coordinating Editor, 2008-9, acceptance rate about 40% but dropping.

### Journals are valuable for today's academic life

- Depend on the journals to determine value (not impact factor)
- Used to decide promotions and grants, etc
- Used to disseminate, archive and provide access to research

Features desired in a good mathematics journal as a mathematician

- No page charges
- An author friendly copyright transfer agreement. Allows placement of pre-journal draft on personal web page and in the ArXiv. Few restrictions.
- Links with MathSciNet (\$8,000) and Zbl (\$10,000)
- Community based (no paid editors). Quick and trackable refereeing
- Online, free abstracts and references, highly linked
- Provide both access and archiving
- Support of TeX
- Copy edited, Nice format, readability

NDJFL, 500 research libraries, good for a math journal

- Now published by Duke since 2005
- Was self published prior to 2005
- Online with Project Euclid since 2001, beginning of Project Euclid
- Duke provides peer review software
- Issues with typesetting, TeX
- Duke will soon handle typesetting, copyediting, references issues
- Editors, referees, reviewers, etc serve for free

### Publishing of any kind costs money and adds value.

Open Access

- Solves access issues. Democratic.
- Who pays? Research Grants? Publishing Grants? Department? Deans? College? University? Library? Author?
- Want all the bells and whistles added to the free after some initial period of time
- NDJFL is about 250 for 500-600 pages, JSL+BSL is about 625 for 2,000 pages, MLQ is about \$1200 for 600-700 pages, APAL is about \$2600 for 1000-1200 pages, JML is about \$200 for about 300 pages.

Open Archive, published articles should be free after some period of time. In mathematics, 5 years seems standard.

Mathematics journals as a mathematician and editor

- Publishers should be allowed to charge a fair cost for the value they add at initial publication. In mathematics, this will be paid by the libraries.
- **Publishers should not be allowed to control access to the research they publish or have published in order to generate huge profits.**
- Use ArXiv
- Use, support, and create low cost alternatives (scholarly societies, independent publishers and other sources)
- Use journal which provides with best value