

#XUG2015

XUG 2015

Closing Thoughts

A Modest Proposal

This is an unsolicited proposal for an Operations Analysis program in the publication of Scientific and Engineering Journals. The editors of these publications have found their costs steadily rising and their financial resources rising only at a slower rate. The combination of long time intervals between editorial approval and availability in published form, with the deferral of publication caused by limited funds, is becoming an increasing impediment to the interchange of scientific and engineering information. The objective of this study is to quantize the operations and develop lower cost procedures for use in the publication of scientific and engineering journals. The adoption of such modified procedures is expected to reduce significantly the costs of operation and decrease the time required for publication.

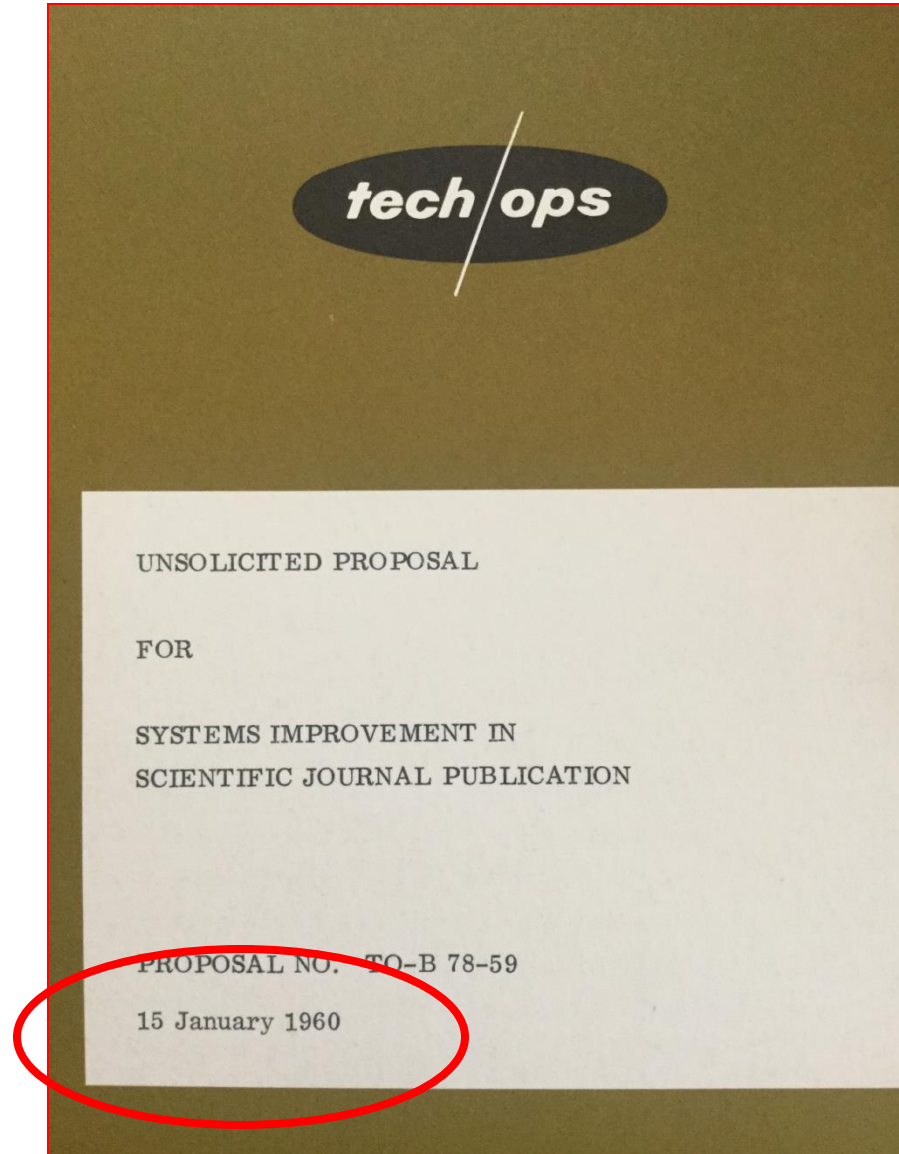
Cost and Time

- “...long delays between manuscript preparation and production in print”
- “...typesetting and proof-reading can cost five to ten times as much for technical material as for novels”
- “The American Chemical Society... per-page cost in some journals is more than \$30”
- “Attempts have been made in the past to reduce both cost and time by utilizing less expansive equipment and less experienced (and less costly) personnel”

Standardization

- “...there are many aspects... that could be, but are not now, standardized for each journal. Recognition and adoption of these details could go a long way towards decreasing costs and through-put time”
- “...we suggest that the field of scholarship is less able to afford some of the elegant... details that it could easily and willingly pay for forty years ago”

Plus ça change, plus c'est la même chose



Researchers Today

Complainant:

someone needs to make a thing where when I'm viewing a journal article online and there is a footnote i can just click on the number of the footnote and a popup with the footnote appears instead of having to scroll around looking for it

PDFs in a Tablet World

at which contour processing is lateralized, eight- to nine-month-old infants learned to respond to melody changes by turning their heads to see an animated toy. Their pattern of responses was the same as adults, indicating that brain specializations for the processing of musical contour are present at a very early age.¹⁰

Some evidence suggests that early music experience may arise from a fundamental bond between group members—the bond between mother and child.¹¹ This information is reported by Canadian psychologist Sandra Trehub, whose earlier research focused on systematically testing infant perceptions of melodic and rhythmic elements in laboratory environments.¹² Babies cannot understand

musical development, researchers and educators have to look at the whole child in order to examine music making in its natural context.



*While brain research
itself may be too
immature to be trusted
as the singular rationale
for music in early
childhood education,
there is other research*

development. Parents, in response to this information, want to know which music experiences are the most important for their children and how they can provide such experiences.

Both brain research and current childhood education indicate the type of music experiences that impact brain development. These two sources have shown that *active* engagement, not passive response, is what changes brain development. Any changes in brain structure that have been reported in adult musicians appear to be related to the level of usage, with the active making of music as the defining factor. Thus, when developing activities in music, it is important to recognize that providing music for entertainment or for passive listening may serve

The Millennial's View

Response:

that's what happens when the article has been done well.
however that's not how most stuff on jstor works because it's
pdf

Complainant:

well then how am i supposed to access them if not on jstor

Response:

You have to scroll to the bottom of the page to see the footnote,
or the bottom of the pdf if it's an endnote. But you're right that
there's a lot of bad handling of footnotes in online articles

Complainant:

its dumb and i hate it

Closing Thoughts

- Look back, look forward
- Remember who this is for
 - Researchers
 - Readers
 - Funders

#XUG2015

Thank You!

See You Next Year at XUG 2016!



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