

Re: Mathematica – what replaces AuthorTools?

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- *From:* "Nasser Abbasi" <nma@xxxxxxxx>
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"David Park" <djmpark@xxxxxxxx> wrote in message
news:E8–dnd_GIdKim7PanZ2dnUVZ_sKqnZ2d@xxxxxxxx

A regular Mathematica notebook, done in the proper style (with sections, textual explanation, graphics etc.), is far better than any other type of technical document. It's active capabilities just blow everything else away.

If you must you could convert to a pdf but it won't be as nearly good.

—
David Park
djmpark@xxxxxxxx
<http://home.comcast.net/~djmpark/>

hi David;

I am sorry that I have to disagree with you on this. Although Mathematica typesetting is very good (much better than Maple document style for example), it is not quite as good as Latex. embedding graphics, centering equations, table of contents, index, subnotes, citations, complete control on the page layout, etc... Latex is much better in all of these.

For me, it is a trade off between using Latex and get a better looking output, but then having to export all the plots and other outputs from Mathematica to import it to Latex manually (and having to do this again each time I make a change to the Mathematica output), or just use Mathematica for everything but end up with a less than perfect output for printing purposes.

I use Scientific word to type in all my HW's, and the output from that (Latex) is very good. SW actually has mupad build into it where one can select an expression and ask it to simplify it, or calculate it on the fly, and the output goes right into the document, which is very convenient. MuPad is a complete CAS system inside SW, but I only use the most basic features of it, and use Mathematica for everything else.

Re: Mathematica – what replaces AuthorTools?

I am sure Mathematica typesetting for publication will continue to improve, but as of today, I think Latex is still the king when it comes to large scientific publications.

my 2.5 cents

Nasser

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