

Re: I have a paper on graph coloring

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Source: <http://sci.tech-archive.net/Archive/sci.math/2006-08/msg01440.html>

- *From:* "Proginoskes" <CHeckman@xxxxxxxx>
 - *Date:* 17 Aug 2006 00:00:18 -0700
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bill wrote:

Proginoskes wrote:

Dave Rusin wrote:

In article

<1154473500.376403.58120@xx>, <matt.zellman@xxxxxxxx> wrote:

That is, I almost have a paper on graph coloring, because while I have everything worked out as far as I can tell, I have no idea how to put it together in order to submit it for publication.

What I need now is probably someone who has actually published something on graph theory and is willing to coauthor this paper with me.

If you "have everything worked out", then the paper is written, and it has one author -- you. It would be inappropriate of anyone else to claim to be "author" of a paper to which he or she has not contributed scientific ideas.

Yes, I know it happens all the time. But in mathematics the practice is mostly frowned upon and (hence) not all that common. Most common exceptions probably involve thesis advisors who "practically wrote that

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paper themselves", but I'll bet it's at least as common for an advisor (and true coauthor) to insist on NOT taking published credit for the paper, so as to help out his or her student professionally.

To the OP: find a journal in which comparable papers have appeared. (You have started reading papers before trying to publish one, right?) In the front matter or endmatter of the journal you will find instructions to authors, telling you what to do with your magnum opus. It's common to take the paper on the road, so to speak, delivering a summary of it in a seminar talk somewhere; at such an occasion you will get helpful feedback, and can ask someone for assistance.

You can also "publish" your paper at arXiv.org .

You (the OP) should write up the paper in TeX (or LaTeX), which are typesetting languages suitable for mathematical expressions. If you are working independently and using Windows, you can use MiKTeX (<http://www.miktex.org/>) or some similar program.

You didn't state what your graph-coloring result is. (If it's the Four Color Theorem, you won't find many takers.) Is it new? Have you searched the literature for your result?

Chris: Tell Matt why he won't find many takers?

He already knew that when he posted.

Usenet Rule #37 (Faisal Nameer Jawdat): Read the thread from the beginning, or else.

I have my own ideas and none are flattering to the mathematical community!

Because there are enough details that allow a refutation. Matt has yet to provide full details, so I can't **yet** pinpoint the location of any

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error that may exist there.

— Christopher Heckman

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