

Re: MuPad 3.0 extraction of individual eigenvectors

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From: Torsten Metzner (tom_at_mupad.de)

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Brad Cooper <Brad.Cooper_17@bigpond.com> wrote:

>*This leads me to thinking a How To document with several examples would be very useful. It is often the case that a user of MuPad does not want to simply take output from a command to MuPad, but the user often wants do something with it i.e. feed it into another command.*

>

>*I don't think it has to be a particularly lengthy document, but it would be good to have a set of examples graded from the pretty standard things people want to do and also include a few of the more esoteric.*

And here the problems starts. What are "standard things" because there are so many MuPAD libraries and every user has another view to what is important for him. I think you cannot solve this with one small document. And there exist a lot of "basic" documentation. One resource which is available is the tutorial. There you can select the chapters about the topics you are interested in. Especially chapter 4 about the MuPAD objects should demonstrate a lot of "standard things". Then we have the quick reference. With die MS Windows version there comes two introduction notebooks. For german users (sorry not available in english) there are a lot of examples available under:

<http://schule.mupad.de/material/index.shtml>

But if you have a good idea how such a "how to document" can be structured we are very interested. Please let us know.

At least some advertising for a book. The book from M.Majewski:

MuPAD Pro Computing Essentials, ISBN: 3540219439
is a very good introduction to MuPAD.

In general I agree that for most MuPAD commands (where the output is "not clear"), there should be one or two examples how to use the output for another command or at least an option to get the specific data directly. But again here is the question how verbose the documentation should be. For e.g. standard data types like lists, sets, sequences there should be normally no need to do this, because if you wants to work effective with such a system some basics must be known.

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Have a nice weekend,
Torsten.