

Re: MuPad 3.0 extraction of individual eigenvectors

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Hi John, Ralf, Torsten,

I have read your replies with a great deal of interest.

The answers I received have given me a very clear understanding of how to use `op`, `map` and indexing to do just about anything I need in the future to extract arguments from the output of one command to use as input into another.

In fact, I am reasonably confident that I will not need to ask a question of this nature again (let's not get too carried away here, but I am fairly sure).

John's idea of point and click to extract arguments has merit. Of course you still want procedures you can embed in code that you may need to write. In that case, the aforementioned use of `op`, `map` and indexing is still required.

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. I suspect most of the required techniques are sprinkled in amongst the existing documentation, but to have them pulled together in one place for the specific purpose of showing by example what to do may be useful. For example, I was unaware of `op@op` which is a nice little nick nack described in this current set of newsgroup replies.

>From what I have been shown in this current set of newsgroup messages, I "believe" I would probably be OK in the future without the How To document, but it may be a nice resource for the larger MuPad community – particularly new users. I wonder if other people agree.

sci.math.symbolic: Re: MuPad 3.0 extraction of individual eigenvectors

BTW thanks to you guys for your really clear and helpful replies.

Cheers,
Brad

PS I haven't sent an official suggestion to the MuPad developers yet, but I thought to see if anything relevant comes from other users first.