Subject: Re: Is there a function to calculate the determinant of a N×N matrix? Posted by duxiyu@gmail.com on Thu, 09 Apr 2009 13:36:54 GMT

View Forum Message <> Reply to Message

Thanks a lot.

It seems that the only difference between DETERM and LA_DETERM is on the methods of calculation, doesn't it?

```
On Apr 9, 9:24 pm, Wox <s...@nomail.com> wrote:

> On Thu, 9 Apr 2009 06:06:04 -0700 (PDT), "dux...@gmail.com"

> <dux...@gmail.com> wrote:

>> Hi, all.

> I want to calculate the value of the determinant which is an array D

>> [N, N].

>> Is there a built-in functions to do it?

> Best regards,

> jdu

> DETERM or LA_DETERM
```

Subject: Re: Is there a function to calculate the determinant of a N×N matrix? Posted by Jean H. on Thu, 09 Apr 2009 13:41:38 GMT

View Forum Message <> Reply to Message

```
duxiyu@gmail.com wrote:
```

> Hi, all.

_

- > I want to calculate the value of the determinant which is an array D
- > [N, N].
- > Is there a built-in functions to do it?

> >

- > Best regards,
- > jdu

putting "determinant" in the help file returns the function DETERM...

Jean

Subject: Re: Is there a function to calculate the determinant of a N×N matrix?

Thank you again! ^_^

```
On Apr 9, 9:43 pm, Wox <s...@nomail.com> wrote:
> On Thu, 9 Apr 2009 06:36:54 -0700 (PDT), "dux...@gmail.com"
>
>
> <dux...@gmail.com> wrote:
>> Thanks a lot.
>> It seems that the only difference between DETERM and LA_DETERM is on
>> the methods of calculation, doesn't it?
>> On Apr 9, 9:24 pm, Wox <s...@nomail.com> wrote:
>>> On Thu, 9 Apr 2009 06:06:04 -0700 (PDT), "dux...@gmail.com"
>>> <dux...@gmail.com> wrote:
>>>> Hi, all.
>>>> I want to calculate the value of the determinant which is an array D
>>> [N, N].
>>>> Is there a built-in functions to do it?
>>>> Best regards,
>>> jdu
>>> DETERM or LA_DETERM
> They both use LU decomposition but LA determ uses LAPACK LA LUDC for
> complex input.
```

Subject: Re: Is there a function to calculate the determinant of a N×N matrix? Posted by Michael Galloy on Thu, 09 Apr 2009 16:14:35 GMT View Forum Message <> Reply to Message

duxiyu@gmail.com wrote:

- > I want to calculate the value of the determinant which is an array D
- > [N, N].
- > Is there a built-in functions to do it?

Check out DETERM and LA_DETERM.

Mike

--

www.michaelgalloy.com

Associate Research Scientist Tech-X Corporation

Page 3 of 3 ---- Generated from comp.lang.idl-pvwave archive