Subject: Sparse support
Posted by the_cacc on Tue, 23 Oct 2001 14:41:43 GMT
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Hi,

The sparse matrix support in IDL is pretty lousy: real, square
matrices only. There are dozens of sparse routines on the web, why
doesn't IDL program some of them in...

Ciao.

Subject: Re: Sparse support
Posted by mvukovic on Wed, 24 Oct 2001 15:20:34 GMT
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Ralf Flicker <rflicker@gemini.edu> wrote in message
news:<3BD670D7.56B559A7@gemini.edu>...
> "Pavel A. Romashkin" wrote:
>>
>> trouble wrote:
>>>
>>> There are dozens of sparse routines on the web, why
>>> doesn't IDL program some of them in...
>>
>> Probably because those who want them are free to download them from the
>> web and use them?
>>
>> Ciao.
>
> Pardon my ignorance, but could you point me to some of those
> downloads? I'd be really interested. Thanks.
>
> ralf

http://www.netlib.org/

do a search for sparse matrix.

I recently implemented numerical recipes' fortran band diagonal
solver. Compiled it on my home pc with the gnu g77 compiler installed
with cygwin. I did not have the nerve to link it directly to IDL, so
the communication is clunky: via files. One can definitely do better.

Mirko