
Subject: Re: Large array memory problem.

Posted by news.qwest.net on Wed, 23 Nov 2005 19:19:06 GMT

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"Carolina" <c.c.calderon@gmail.com> wrote in message
news:1132769539.270480.61990@o13g2000cwo.googlegroups.com...

>

> Marius Hagen wrote:

>> I often find myself working with large arrays. Usually, these are

>> sparse, and so I can make use of sparse storage techniques to make

>> matrix multiplication and the like tractable.

>

> Does anyone know a clever trick to compute inverse of large sparse

> matrices?

>

> Thanks for all the replies,

>

> Carolina.

>

IDL has some functions for sparse arrays.

For example see the IDL help:

http://idlastro.gsfc.nasa.gov/idl_html_help/mathematics15.html

Depending on your situation you may need to look at some other
code (netlib.org for example)

<http://netlib.org/sparse/index.html>

or I've heard matlab has some good sparse array routines as well.

Cheers,
bob
