

---

Subject: Re: pseudo code for doing SVD on 2D sparse array

Posted by [erano](#) on Tue, 23 Dec 2008 14:58:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Dec 22, 5:07 pm, Jeremy Bailin <astroco...@gmail.com> wrote:

> On Dec 21, 6:41 am, erano <eran.o...@gmail.com> wrote:

>

>> Hi,

>> I wish to solve  $Ax=B$

>> A is sparse array (size  $m*n$ ), in format of [ x\_index, y\_index, value ]

>> B is vector length m

>> x is unknown vector length n

>>  $n=1,000,000$

>>  $m=2*n$

>

>> better to help with IDL code, but any idea is welcome!

>

>> Eran

>

> You said a couple of weeks ago that you'd gotten LINBCG to work on

> this... what problems are you having with it?

>

> -Jeremy.

Well, Yes and Not.

Basiclly, the LINBCG is working after the adding, but for large array  
the output seems with mistakes in some rows...

so I'm looking for something better

---