
Subject: Code optimization

Posted by [kisCA](#) on Wed, 16 Feb 2011 20:38:11 GMT

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Hi there,

I am trying, if it's possible to write thes lines in matrix formalism
but it seems a bit tricky for me.

```
FOR I=1,NUM DO BEGIN
  SUMI=0.
  FOR K=1,M1 DO BEGIN
    FOR J=1,M1 DO BEGIN
      SUMI=SUMI+COV(J-1,K-1)*CS(J-1,I-1)*CS(K-1,I-1)
    ENDFOR
  ENDFOR
  VAR_ALPHA(I-1)=SUMI*VAR_FACTOR(I-1)
ENDFOR
```

Is anyone got an idea it will be welcome

Cheers

Subject: Re: Code optimization

Posted by [Jeremy Bailin](#) on Thu, 17 Feb 2011 20:26:09 GMT

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I second Paolo's solution as being better than mine. :-)=

-Jeremy.

Subject: Re: Code optimization

Posted by [David Fanning](#) on Thu, 17 Feb 2011 21:14:27 GMT

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Kenneth P. Bowman writes:

> This seems sure to start a discussion. ;-)

Or, another book! ;-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Code optimization
Posted by [Jeremy Bailin](#) on Fri, 18 Feb 2011 14:46:33 GMT
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Here are a couple of tongue-in-cheek ones:

- If it doesn't involve HISTOGRAM, it's too slow.
- The shorter actual code, the faster it will be (it's not true, but it correlates surprisingly well!)

-Jeremy.

Subject: Re: Code optimization
Posted by [kisCA](#) on Fri, 18 Feb 2011 18:08:46 GMT
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Thank you all for these enlightments !
