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Subject: Re: 2d min

Posted by [Gray](#) on Wed, 12 Jan 2011 23:06:47 GMT

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On Jan 12, 5:45 pm, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:

> In article

> < e707ce03-19e9-4ee5-9976-aa4c2d6f3...@f35g2000vbl.googlegroup s.com > ,

>

> Gray <grayliketheco...@gmail.com> wrote:

>> I have a 3d array, NxNxM. What I would like is to find the minimum of

>> each NxN slice, and note the index of the minimum in the slice. I can

>> find my minimum by doing min(min(array,ind1,dim=1),dim=1,ind2), but

>> I'm not sure how to turn those two index arrays into the indices that

>> I need. Help...?

>

> You could just loop over the M index and process each 2-D slice.

> ARRAY\_INDICES will get you the index within each slice.

>

> Ken Bowman

Yes, but that will be slow compared to a vectorized solution, is my guess.

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