Subject: Re: Convert 3D to 1D, apply fuction then convert back to 3D
Posted by Mat on Mon, 21 Jun 2010 00:58:53 GMT

View Forum Message <> Reply to Message

On Jun 21, 12:21 pm, pp <pp.pente...@gmail.com> wrote:
> On Jun 20, 9:06 pm, Mat <m...@waikato.ac.nz> wrote:
>
>> The results are three water quality parameters. Actually it does not
>> matter whether they are within one result or three separate results.
>
> That still says nothing to answer your question. You called a function
> that used a (5,nx*xy) array and returned a 3-element array. We do not
> know how those 3 numbers relate to the 5*nx*ny values in the array, or
> what you were intending to get that also was supposed to have 5*nx*ny
> elements.

No the function used the "imageR" from above which is a floating 1D 5
element array (reformed from a 5 band 3d image (satellite reflectance)
and returned a 3-element array(water quality). The function is complex
and not my code so I'm not in a position to post it sorry. So for each
pixel in the original tiff I want the water quality (three parameters)
in an image format. I hope this helps.

I think it is simpler if somebody posts a code to convert an
image(5,nx*xy) to 1D, then convert it back to the original image. I
think I could fill in the gaps.