Subject: Re: Help in Image Analysis
Posted by David Fanning on Thu, 02 Mar 2006 18:05:37 GMT
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Bharani writes:

> I have Read the File(With data) and also i have brought the Data to my
> Program...
> I have now the Image as 3D ... and NOw i am working on to get the Image
> into 2D ...
> the Method i am trying to is Just as the same u have Suggested...
> I am Considering only a Small part of the Whole Image and from where i
> can get the Required attributes...
> but when i consider the Small part...i think it is really hard for me
> to spot it as a 2D ...
> How can i proceed further??

Any 2D array, which is what you have in front of you,
can be considered an "image". All you need do to is
pull out of the data the rows you are interested in
for further analysis:

```
interestingStuff = data[*, 280:320]
```

To display it as an image, you need to byte scale
it (and perhaps take the absolute value, since your
data is complex).

```
TV, BytScl(Abs(interestingStuff))
```

Now you are ready to perform any analysis that seems
appropriate. Since the dynamic range of this data
is fairly small, you might want to stretch the data
in some way to view it (or, even, before you analyze
it). See this article:

http://www.dfanning.com/ip_tips/xstretch.html

Cheers,

David
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