
Subject: 2d plane data projected to sphere?

Posted by [changyong.song](#) on Thu, 10 Feb 2005 18:15:20 GMT

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Hi!

How can I have my data (or image) recorded in a cartesian
2D plane to be projected to a sphere with a given radius?

Thanks for the help.

Subject: Re: 2d plane data projected to sphere?

Posted by [David Fanning](#) on Fri, 11 Feb 2005 14:42:39 GMT

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changyong.song@gmail.com writes:

> How can I have my data (or image) recorded in a cartesian
> 2D plane to be projected to a sphere with a given radius?

There is a section in the book `_Image Processing in IDL_`
(provided as a PDF file in the IDL distribution), starting
on page 233 that describes how to do this in both direct
graphics and object graphics. I couldn't find a reference
to it in the index, so I finally had to flip through the
book until I found it. I remembered seeing it there. :-)

Cheers,

David

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Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
