Subject: Re: 3-D-representation of heights
Posted by Achim Hein on Fri, 06 Jun 1997 07:00:00 GMT
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Achim Hein wrote:

>
> Hi,
>
> I am looking for information or software to represent two images, one
> contains the amplitude information and the other 2-d-array contains the
> height information, that form you can see the the height image as
> 'really pseudo' height image.
> What I want to see is an height image coded with green and red to notice
> the image like a real height model i.e. made by plaster. Therefore both
> colors have to represent the both eyes arranged in spherical geometry to
> get the pseudo 3-D effect. With a pair of glasses, one glass in red and
> the other glass in green you could see this 3-D effect.
> In 'former' times there were comics named Y'ps (if I remeber right)
> where you can see pictures representing the 3-d effect.
>
> Has anyone made such a representation using an height and an amplitude
> image?
>

I have got some very interesting and helpful answers especially one of
Richard Horn:
<Try 3DEM50 at
<http://www.winsite.com/info/pc/win95/desktop/3dem50.zip/. This
<program will produce red-blue 3D projections of terrain from DEM
<files. You can view these images with red-blue 3D glasses.
<3DEM50 will also produce color 3D projections, mpeg terrain flybys
<and much more.

Now I have another question. Coming up to GIS Software we have to create
DEM-Files. I believe that's quite the same as surface plots but I don't
know the file format and how to create and/or export theses DEM-Files in
IDL.

Is there any experience?

Thanks

Achim

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