Subject: Re: Latitude longitude and Image Navigation
Posted by AISHWARYA on Thu, 23 Jun 2011 04:28:24 GMT
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On Jun 22, 4:07 pm, Lavanya <lavany...@gmail.com> wrote:
> On Jun 22, 9:41 am, AISHWARYA <spacea...@gmail.com> wrote:
>
>> Can someone help me on Navigating the Images in IDL? I have no idea as
>> where to start with IDL on Image Navigation. The images were acquired
>> from telescope and target was Venus. How can I make a latitude
>> longitude grid for venus knowing the North pole position angle and
>> north pole position distance?
>
>> Any help would be great!
>
>> Thank you,
>> Aishwarya.
>
> I guess you should register the image, if you are provided with
> metadata, then you could create projections in IDL

Thank you Lavanya. But, I do not have the Metadata. What I have is the
raw pixel coordinate, Sub observer Lat long and centre pixel
coordinate of venus disc. I would require something like a
transformation matrix and Im looking for the parameters of the same. I
might have to first fix the North pole through the above mentioned
North pole position angle and North pole distance and then interpolate
to find the Latlong for toher pixels.

Regards,
Aishwarya.