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Subject: CV\_Coord function

Posted by [lecacheux.alain](#) on Thu, 20 Mar 2014 16:19:48 GMT

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```
IDL> print,CV_Coord(FROM_RECT=replicate(!values.F_NAN,3),/TO_SPHERE)
      0.000000    0.000000    NaN
```

Should not the result rather be (NaN,NaN,NaN) ?  
alx.

{ x86\_64 Win32 Windows Microsoft Windows 8.3 Nov 15 2013 64 64}

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Subject: Re: CV\_Coord function

Posted by [andeh](#) on Fri, 21 Mar 2014 11:49:56 GMT

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> Should not the result rather be (NaN,NaN,NaN) ?

I guess the angles don't matter if the length is not a number.

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Subject: Re: CV\_Coord function

Posted by [lecacheux.alain](#) on Fri, 21 Mar 2014 13:40:03 GMT

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Le vendredi 21 mars 2014 12:49:56 UTC+1, AJAS a écrit :

>> Should not the result rather be (NaN,NaN,NaN) ?

>

>

>

>

>

> I guess the angles don't matter if the length is not a number.

Right.

Except if you want to plot those angles (for example, a map in longitude and latitude). As usually in IDL, NAN data values would be unplotted. Here you get an extra point in (0,0).

alx.

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