
Subject: Re: selecting random number from 2D array
Posted by [pgrigis](#) on Thu, 10 Mar 2011 15:46:29 GMT
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On Mar 9, 7:36 pm, Ashok <ashokrija...@gmail.com> wrote:
> I have 3 sets of two dimensional array. I need to select random 100
> points from each array (same random point i.e. latitude and
> longitude). How can I do that using RANDOMU()? is there any other idea
> to do this?

Please do be careful and recognize that a random point
on a sphere will not have a uniform distribution of latitudes,
and a set of point with a uniform distribution of latitudes
will not be uniform on a sphere.

For instance to obtain the following uniform distributions

www.grigis.ch/spherepoints.png

I had to account for that.

Ciao,
Paolo
