Subject: Re: equally spaced points on a hypersphere?
Posted by jeyadev on Fri, 29 Oct 2004 18:00:14 GMT
View Forum Message <> Reply to Message

In article <cb539436.0410290651.698f65f@posting.google.com>,
Rob Dimeo <robert.dimeo@nist.gov> wrote:
> Hi,
>
> I would like to create (n+1) equidistant points on an n-dimensional
> sphere. The initial information provided is the center of the sphere,
> the radius, and *any* point on the sphere. From that you need to find
> the coordinates for the remaining n points. As a simple example,
> three equidistant points on a 2-dimensional sphere (a circle), can be
> located 120 degrees apart. Any hints on how to do this in general for
> n-dimensions?
>
> Thanks in advance!
>
> Rob

Munge around in sci.math.num-analysis and sci.match. Or even
alt.math.recreational. It should be in the archives. Turns up
now and then.

--

Surendar Jeyadev jeyadev1@wrc.xerox.com

Remove 1 for email address