Subject: Re: equally spaced points on a hypersphere?
Posted by James Kuyper on Fri, 29 Oct 2004 17:18:31 GMT
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Tom McGlynn wrote:
> Craig Markwardt wrote:
>
>> Matt Feinstein <nospam@here.com> writes:
>>
>>> On 29 Oct 2004 07:51:58 -0700, robert.dimeo@nist.gov (Rob Dimeo)
>>> 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,
...
> I'm not sure what it means to have 'equidistant' points on a sphere.
> I don't think the OP wants each point to be equidistant from all
> other points -- I don't think that's possible for more than n+1 points
> in an n-dimensional space.

That's precisely what he's asking for. See above.